



**LUMEX<sup>®</sup>**

by **ENEVIS**

INNOVATING WITH ENERGY



**Urban**  
Lighting Group  
by **ENEVIS**

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**PRODUCT CATALOGUE**

# NovaBlade ClassOne

LL9PC66 Series LED Panel



## NovaBlade ClassOne Panel Features at a Glance

- Range: 30W, 3150Lm
- Up to 105Lm/W
- UGR<19
- Cyanosis Observation Index <3.3 at 4000k
- LM80 projected LED life > 100,000 hours
- Colour Temperatures: 4000K
- Beam angle 120°
- HiColour CRI > 90
- Dimming options available
- Powder coat white frame
- IP20 Protection rating
- Immune to Ripple Frequency Interference
- 1.2m Flex and Plug fitted
- Fully recyclable
- Fully Australian Approved
- Warranty Period: 7 years



## Ripple Frequency Interference

ClassOne Panels are immune to ripple frequency interference.

## Unrivalled Efficiency

ClassOne Panels utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 105Lm/W.

## Environment and Safety

ClassOne Panels are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: NovaBlade Class One Panel

**Example:** NovaBlade Class One Panel, 595mm x 595mm, Beam angle 120°, UGR<19, 4000K, 3200Lm **LL9PC66UN**

Product Group		Group Designation		Dimming		Panel Size		Colour Temperature	
Light Sources	LL9	NovaBlade Class One Panel	PC	Non-Dimmable		595 x 595 UGR<19	66U	Natural White (4000K)	N
				1-10V	D1				
				DALI	DD				



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# NovaBlade ClassOne

LL9PC66 Series LED Panel



## Physical

**Length:** 595mm  
**Width:** 595mm  
**Height:** 80mm

## Control and Programming

**Dimming:** 1-10V and DALI dimming optional

## Construction

**Colour:** White  
**Body:** Aluminium  
**Protection Rating:** IP20  
**LED Array:** Rear lit

## Connection

**Power Connection:** Flex and plug

## Output

**Efficacy:** up to 105Lm/W  
**Beam Angle:** 120°  
**CRI:** >90

## Electrical

**Input Voltage:** 240 Vac  
**Typical Total Power:** 30W  
**Power Factor:** >0.95

## Thermal

**Storage Temperature:** -30°C to +65°C  
**Operating Range Tc:** -20°C to +50°C  
**Humidity (non-condensing):** 0-95%

## Certificates

**EMC:** AS/NZS CISPR15 (C-Tick)  
**Electrical Safety:** AS/NZS 60598.2.2, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



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# NovaBlade ClassOne

LL9PC123 Series LED Panel



## NovaBlade ClassOne Panel Features at a Glance

- Range: 30W, 3150Lm
- Up to 105Lm/W
- UGR<19
- Cyanosis Observation Index <3.3 at 4000k
- LM80 projected LED life > 100,000 hours
- Colour Temperatures: 4000K
- Beam angle 120°
- Colour rendering CRI > 90
- Dimming options available
- Powder coat white frame
- IP20 Protection rating
- Immune to Ripple Frequency Interference
- 1.2m Flex and Plug fitted
- Fully recyclable
- Fully Australian Approved
- Warranty Period: 7 years



## Ripple Frequency Interference

ClassOne Panels are immune to ripple frequency interference.

## Unrivalled Efficiency

ClassOne Panels utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 105Lm/W.

## Environment and Safety

ClassOne Panels are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: NovaBlade Class One Panel

**Example:** NovaBlade Class One Panel, 1195mm x 295mm, Beam angle 120°, UGR<19, 4000K, 3200Lm **LL9PC123UN**

Product Group		Group Designation		Dimming		Panel Size		Colour Temperature	
Light Sources	LL9	NovaBlade Class One Panel	PC	Non-Dimmable		1195 x 295 UGR<19	123U	Natural White (4000K)	N
				1-10V	D1				
				DALI	DD				



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# NovaBlade ClassOne

LL9PC123 Series LED Panel



## Physical

**Length:** 1195mm  
**Width:** 295mm  
**Height:** 80mm

## Control and Programming

**Dimming:** 1-10V and DALI dimming optional

## Construction

**Colour:** White  
**Body:** Aluminium  
**Protection Rating:** IP20  
**LED Array:** Rear lit

## Connection

**Power Connection:** Flex and plug

## Output

**Efficacy:** up to 105Lm/W  
**Beam Angle:** 120°  
**CRI:** >90

## Electrical

**Input Voltage:** 240 Vac  
**Typical Total Power:** 30W  
**Power Factor:** >0.95

## Thermal

**Storage Temperature:** -30°C to +65°C  
**Operating Range Tc:** -20°C to +50°C  
**Humidity (non-condensing):** 0-95%

## Certificates

**EMC:** AS/NZS CISPR15 (C-Tick)  
**Electrical Safety:** AS/NZS 60598.2.2, AS/NZS 4417 (RCM)

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# NovaLED Maxi

LL1N3M6 Series LED Downlight



## NovaLED Maxi Features at a Glance

- Range: 1174Lm to 1958Lm, 12W and 22W
- Up to 104Lm/W
- LM80 projected LED life > 100,000 hours
- Colour Temperature 4000K
- Clear diffuser, Beam angle 90°
- Colour rendering: CRI > 90
- Cyanosis Observation Index <3.3 at 4000K
- White finish as standard
- IP44 Protection rating
- 1.2m flex and plug fitted
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

NovaLED Maxi products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

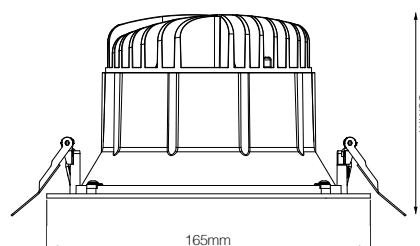
NovaLED Maxi products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaLED Maxi products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 110Lm/W.

## Environment and Safety

NovaLED Maxi products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: NovaLED Maxi

**Example:** NovaLED Maxi M6 Downlight, 150mm cutout, 1-10V Dimmable, 90° beam angle, 4000K, White Fixture, 1320Lm **LL1N3M6D1CNW**

Product Group		Group Designation		Dimmable		Beam Angle		Diffuser		Colour Temperature		Fixture Colour	
Downlights	LL1	NovaLED Maxi M6	N3M6	1-10V	D1	90°		Clear	C	Natural White (4000K)	N	White	W
		NovaLED Maxi M6 High Output	N3M6H	DALI	DD								



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# NovaLED Maxi

LL1N3M6 Series LED Downlight



## Physical

Installation Depth:	93mm
Maximum Protrusion from mounting surface:	2mm
Frame Diameter:	165mm
Diameter of luminous opening at widest point:	120mm
Cutout Size:	150mm
Weight with driver:	0.605kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP44

## Connection

Power Connection:	Flex and plug or direct connection
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## Output

Luminous Flux 12W:	1320Lm
Luminous Flux 22W:	2420Lm
Efficacy:	up to 110Lm/W
Beam Angle:	90°
CRI:	>90

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	12W and 22W
Power Factor:	0.95

## Thermal

Operating Range Tc:	-20°C to +45°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.2, AS/NZS 4417 (RCM)

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# NovaLED Maxi

LL1N3M7 Series LED Downlight



## NovaLED Maxi Features at a Glance

- Range: 2420Lm to 3530Lm, 22W and 32W
- Up to 110Lm/W
- LM80 projected LED life > 100,000 hours
- Colour Temperature 4000K
- Clear diffuser, Beam angle 90°
- Colour rendering: CRI > 90
- Cyanosis Observation Index < 3.3 at 4000K
- White finish as standard
- IP44 Protection rating
- 1.2m flex and plug fitted
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

NovaLED Maxi products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

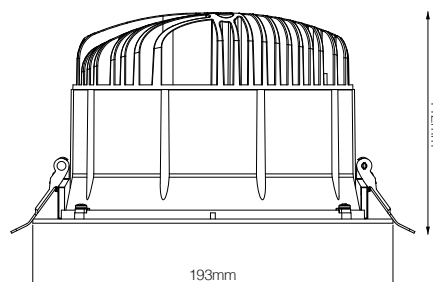
NovaLED Maxi products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaLED Maxi products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 110Lm/W.

## Environment and Safety

NovaLED Maxi products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: NovaLED Maxi

**Example:** NovaLED Maxi M7 Downlight, 170mm cutout, 1-10V Dimmable, 90° beam angle, 4000K, White Fixture, 2420Lm **LL1N3M7D1CNW**

Product Group		Group Designation		Dimmable		Beam Angle		Diffuser		Colour Temperature		Fixture Colour	
Downlights	LL1	NovaLED Maxi M7	N3M7	1-10V	D1	90°		Clear	C	Natural White (4000K)	N	White	W
		NovaLED Maxi M7 High Output	N3M7H	DALI	DD								



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# NovaLED Maxi

LL1N3M7 Series LED Downlight



## Physical

Installation Depth:	110mm
Maximum Protrusion from mounting surface:	2mm
Frame Diameter:	193mm
Diameter of luminous opening at widest point:	147mm
Cutout Size:	170mm
Weight with driver:	1.152kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP44

## Connection

Power Connection:	Flex and plug or direct connection
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## Output

Luminous Flux 22W:	2420Lm
Luminous Flux 32W:	3520Lm
Efficacy:	up to 110Lm/W
Beam Angle:	90°
CRI:	>90

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	22W and 32W
Power Factor:	0.95

## Thermal

Operating Range Tc:	-20°C to +45°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.2, AS/NZS 4417 (RCM)

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# NovaLED Maxi

LL1N3M8 Series LED Downlight



## NovaLED Maxi Features at a Glance

- Range: 4950Lm to 6050Lm, 45W and 55W
- Up to 110Lm/W
- LM80 projected LED life > 100,000 hours
- Colour Temperature 4000K
- Clear diffuser, Beam angle 90°
- Colour rendering: CRI > 90
- Cyanosis Observation Index < 3.3 at 4000K
- White finish as standard
- IP44 Protection rating
- 1.2m flex and plug fitted
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

NovaLED Maxi products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

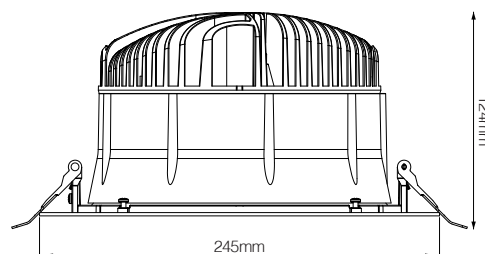
NovaLED Maxi products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaLED Maxi products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 110Lm/W.

## Environment and Safety

NovaLED Maxi products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: NovaLED Maxi

**Example:** NovaLED Maxi M8 Downlight, 210mm cutout, 1-10V Dimmable, 90° beam angle, 4000K, White Fixture, 4950Lm **LL1N3M8D1CNW**

Product Group		Group Designation		Dimmable		Beam Angle		Diffuser		Colour Temperature		Fixture Colour	
Downlights	LL1	NovaLED Maxi M8	N3M8	1-10V	D1	90°		Clear	C	Natural White (4000K)	N	White	W
		NovaLED Maxi M8 High Output	N3M8H	DALI	DD								



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# NovaLED Maxi

LL1N3M8 Series LED Downlight



## Physical

Installation Depth:	122mm
Maximum Protrusion from mounting surface:	2mm
Frame Diameter:	245mm
Diameter of luminous opening at widest point:	186mm
Cutout Size:	210mm
Weight with driver:	1.681kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP44

## Connection

Power Connection:	Flex and plug or direct connection
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## Output

Luminous Flux 45W:	4950Lm
Luminous Flux 55W:	6050Lm
Efficacy:	up to 110Lm/W
Beam Angle:	90°
CRI:	>90

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	45W and 55W
Power Factor:	0.95

## Thermal

Operating Range Tc:	-20°C to +45°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.2, AS/NZS 4417 (RCM)

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# NovaBlade<sup>™</sup> Cleanroom

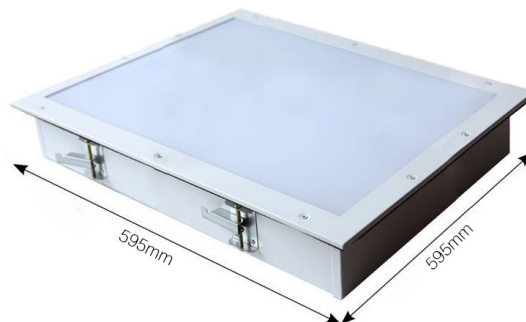
LL9P3Y66UN Cyanosis Series LED Cleanroom Panels



Suitable for sterile environments where protection against contamination is required. Perfect for hospitals, laboratories, and medical facilities. NovaBlade Cleanroom is COI compliant with excellent glare control and IP65 protection rating.

## NovaBlade Cleanroom Features at a Glance

- Range: 3150Lm, 30W
- Up to 105Lm/W
- UGR<19
- Cyanosis Observation Index <3.3 at 4000K
- Colour rendering CRI > 95
- LM80 projected LED life > 100,000 hours
- Colour Temperature: 4000K
- Beam angle 120°
- MacAdam 3 SDCM
- Powder coat white frame
- IP65 Protection rating. IP54 optional
- Class 1 Luminaire
- Immune to Ripple Frequency Interference
- 1.2m Flex and Plug fitted
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

NovaBlade Cleanroom products are non dimmable. 1-10V and DALI dimmable options available.

## Ripple Frequency Interference

NovaBlade Cleanroom products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaBlade Cleanroom products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 105Lm/W.

## Environment and Safety

NovaBlade Cleanroom products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: NovaBlade Cleanroom

**Example:** NovaBlade Cleanroom Panel, 595mm x 595mm, Beam angle 120°, UGR<19, 4000K, 3150Lm **LL9P3Y66UN65**

Product Group		Group Designation		Dimming		Panel Size		Colour Temperature		Protection Rating	
Sources	LL9	NovaBlade Cleanroom Cyanosis	P3Y	Non-dimming	D0	595 x 595 UGR<19	66U	Natural White (4000K)	N	IP65	65
				1-10V	D1					IP54	54
				DALI	DD						



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# NovaBlade™ Cleanroom

LL9P3Y66UN Series LED Cleanroom Panels



## Physical

Length:	595mm
Width:	595mm
Height:	80mm
Weight:	6.2kg

## Control and Programming

Dimming:	Non-Dimming
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## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP65 (IP54 Optional)

## Connection

Power Connection:	Flex and plug
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## Output

Luminous Flux:	3150Lm
Efficacy:	up to 105Lm/W
Beam Angle:	120°
CRI:	>90

## Electrical

Input Voltage:	240 Vac
Typical Total Power:	30W
Power Factor:	0.95

## Thermal

Cooling:	Convection, Conduction
Storage Temperature:	-30°C to +65°C
Operating Range Ta:	-20°C to +50°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

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# NovaBlade<sup>™</sup> Cleanroom

LL9P3Y123UN Cyanosis Series LED Cleanroom Panels



Suitable for sterile environments where protection against contamination is required. Perfect for hospitals, laboratories, and medical facilities. NovaBlade Cleanroom is COI compliant with excellent glare control and IP65 protection rating.

## NovaBlade Cleanroom Features at a Glance

- Range: 3150Lm, 30W
- Up to 105Lm/W
- UGR<19
- Cyanosis Observation Index <3.3 at 4000K
- Colour rendering CRI > 95
- LM80 projected LED life > 100,000 hours
- Colour Temperature: 4000K
- Beam angle 120°
- MacAdam 3 SDCM
- Powder coat white frame
- IP65 Protection rating. IP54 optional
- Class 1 Luminaire
- Immune to Ripple Frequency Interference
- 1.2m Flex and Plug fitted
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

NovaBlade Cleanroom products are non dimmable. 1-10V and DALI dimmable options available.

## Ripple Frequency Interference

NovaBlade Cleanroom products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaBlade Cleanroom products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 105Lm/W.

## Environment and Safety

NovaBlade Cleanroom products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: NovaBlade Cleanroom

**Example:** NovaBlade Cleanroom Panel, 1195mm x 295mm, Beam angle 120°, UGR<19, 4000K, 3150Lm **LL9P3Y123UN65**

Product Group		Group Designation		Dimming		Panel Size		Colour Temperature		Protection Rating	
Sources	LL9	NovaBlade Cleanroom Cyanosis	P3Y	Non-dimming	D0	1195 x 295 UGR<19	123U	Natural White (4000K)	N	IP65	65
				1-10V	D1					IP54	54
				DALI	DD						



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# NovaBlade™ Cleanroom

LL9P3Y123UN Series LED Cleanroom Panels



## Physical

Length:	1195mm
Width:	295mm
Height:	80mm
Weight:	6.2kg

## Control and Programming

Dimming:	Non-Dimming
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## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP65 (IP54 Optional)

## Connection

Power Connection:	Flex and plug
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## Output

Luminous Flux:	3150Lm
Efficacy:	up to 105Lm/W
Beam Angle:	120°
CRI:	>90

## Electrical

Input Voltage:	240 Vac
Typical Total Power:	30W
Power Factor:	0.95

## Thermal

Cooling:	Convection, Conduction
Storage Temperature:	-30°C to +65°C
Operating Range Ta:	-20°C to +50°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

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# NovaBlade™ Return Air

LL9P3123URA Series Sub19 Low Glare LED Panels with Return Air



## NovaBlade Return Air Fixtures Features at a Glance

- Range: 3150Lm, 36W
- Up to 90Lm/W
- UGR<19 using NEW micro prismatic diffuser
- Projected Lifetime L80B10: 74,518 hours
- Colour Temperatures: 4000K and 6000K
- Beam angle 120°
- 1-10V dimming capability as standard
- Colour rendering CRI > 90
- Powder coat white frame
- IP40 Protection rating
- Thin and light weight
- Immune to Ripple Frequency Interference
- 1.2m Flex and Plug fitted
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

NovaBlade 3.0 products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system or CASAMBI. Contact LUMEX for further information.

## Ripple Frequency Interference

NovaBlade 3.0 products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaBlade Return Air Fixtures products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 90Lm/W.

## Environment and Safety

NovaBlade Return Air Fixtures products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: NovaBlade Return Air Fixtures

**Example:** NovaBlade Return Air Fixtures, 1195mm x 295mm, Beam angle 120°, UGR<19, Return Air Assembly 4000K **LL9P123URAN**

Product Group		Group Designation		Dimming		Panel Size		Colour Temperature	
Light Sources	LL9	NovaBlade Generation 3	P3	1-10V		1195 x 295 UGR<19 with Return Air	123URA	Natural White (4000K)	N
				DALI	DD			Cool White (6000K)	C



# NovaBlade<sup>TM</sup> Return Air

LL9P123URA Series Sub19 Low Glare LED Panels with Return Air Assembly



## Physical

Length:	1195mm
Width:	295mm
Height:	8.9mm
Weight:	3.2kg (7.0kg includes NovaBlade Panel)
Area of illumination:	1157mm x 180mm

## Control and Programming

Dimming:	1-10V standard, DALI options available
----------	--

## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP40

## Connection

Power Connection:	Flex and plug or direct connection
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## Output

Luminous Flux:	3150Lm
Efficacy:	up to 90Lm/W
Beam Angle:	120°
CRI:	>90

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	36W
Power Factor:	>0.90

## Thermal

Cooling:	Convection, Conduction
Storage Temperature:	-30°C to +65°C
Operating Range Ta:	-20°C to +40°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.2, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



# NovaBlade™ Return Air

LL9P124URA Series Sub19 Low Glare LED Panels with Return Air Assembly



## NovaBlade Return Air Fixtures Features at a Glance

- Range: 3200Lm to 34,000Lm, 33W
- Up to 103Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 4000K and 6000K
- Beam angle 120°
- 1-10V dimming capability, DALI option available
- Colour rendering CRI > 90, COI 3.84
- Powder coat white frame with Return Air Assembly
- IP40 Protection rating
- IK10 impact rating
- UGR <19
- Thin and light weight
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

NovaBlade Return Air Fixtures products are not suitable for phase control dimming but 0, 1-10V dimmable in standard specification. They can also be upgraded to function DALI dimming.

## Cyanosis Observation Index

NovaBlade Return Air Fixtures in 4000K is approved for use in clinical areas of hospitals and health care buildings.

## Ripple Frequency Interference

NovaBlade Return Air Fixtures products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaBlade Return Air Fixtures products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 103Lm/W.

## Environment and Safety

NovaBlade Return Air Fixtures products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: NovaBlade Return Air Fixtures

**Example:** NovaBlade Return Air Fixtures, 1195mm x 395mm, Beam angle 120°, UGR<19, Return Air Assembly 4000K **LL9P124URAN**

Product Group		Group Designation		Dimming		Emergency Option		Panel Size		Colour Temperature	
Light Sources	LL9	Panels	P	1-10V		Standard		1195 x 395 UGR<19 with Return Air	123URA	Natural White (4000K)	N
				DALI	DD	Emergency	E			Cool White (6000K)	C





# NovaBlade™ Return Air

LL9P124URA Series Sub19 Low Glare LED Panels with Return Air Assembly



## Physical

Length:	1195mm
Width:	395mm
Height:	8.9mm
Weight:	4.0kg (7.8kg includes NovaBlade Panel)
Area of illumination:	1157mm x 257mm

## Control and Programming

Dimming:	1-10V standard, DALI options available
----------	--

## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP40

## Connection

Power Connection:	Flex and plug or direct connection
-------------------	------------------------------------

## Output

Luminous Flux 4000K:	3200Lm
Luminous Flux 6000K:	3400Lm
Luminous Flux (Emergency):	700Lm for two hours
Efficacy:	up to 103Lm/W
Beam Angle:	120°
CRI:	>90

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	33W
Power Factor:	0.90

## Thermal

Cooling:	Convection, Conduction
Storage Temperature:	-30°C to +65°C
Operating Range Ta:	-20°C to +50°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.2, AS/NZS 4417 (RCM)
COI:	AS/NZS 60598.2.25:2001

Specifications subject to change without notice.



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# NovaBlade™ Return Air

LL9P366URA Series LED Panels



## NovaBlade Return Air Fixtures Features at a Glance

- Range: 3300Lm, 30W
- Up to 110Lm/W
- UGR<19 using NEW micro prismatic diffuser
- Projected Lifetime L80B10: 74,518 hours
- Colour Temperatures: 4000K and 6000K
- Beam angle 120°
- 1-10V dimming capability as standard
- Colour rendering CRI > 90
- Powder coat white frame
- IP40 Protection rating
- Thin and light weight
- Immune to Ripple Frequency Interference
- 1.2m Flex and Plug fitted
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

NovaBlade 3.0 products are 1-10V dimmable as standard. DALI and Casambi dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system or CASAMBI. Contact LUMEX for further information.

## Ripple Frequency Interference

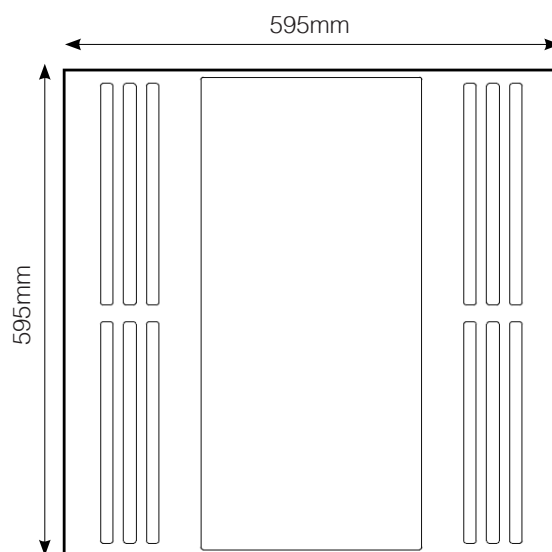
NovaBlade 3.0 products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaBlade 3.0 products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 110Lm/W.

## Environment and Safety

NovaBlade 3.0 products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: NovaBlade Return Air Fixtures

**Example:** NovaBlade Return Air Fixtures, 595mm x 595mm, Beam angle 120°, UGR<19, Air Return, 4000K, 3300Lm **LL9P366URAN**

Product Group		Group Designation		Dimming		Panel Size		Colour Temperature	
Light Sources	LL9	NovaBlade Generation 3	P3	1-10V		595 x 595 UGR<19 with Air Return	66URA	Natural White (4000K)	N
				DALI	DD			Cool White (6000K)	C
				CASAMBI	CS				



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# NovaBlade™ Return Air

LL9P366URA Series LED Panels



## Physical

Frame Length:	595mm
Frame Width:	595mm
Height:	10mm
Weight:	3.6kg (9.8kg with frame)
Area of illumination:	545mm x 245mm

## Control and Programming

Dimming:	1-10V standard
----------	----------------

## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP40

## Connection

Power Connection:	Flex and plug
-------------------	---------------

## Output

Luminous Flux 4000K:	3300Lm
Efficacy:	up to 110Lm/W
Beam Angle:	120°
CRI:	>90

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	30W
Power Factor:	0.90

## Thermal

Cooling:	Convection, Conduction
Storage Temperature:	-30°C to +65°C
Operating Range Ta:	-20°C to +50°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



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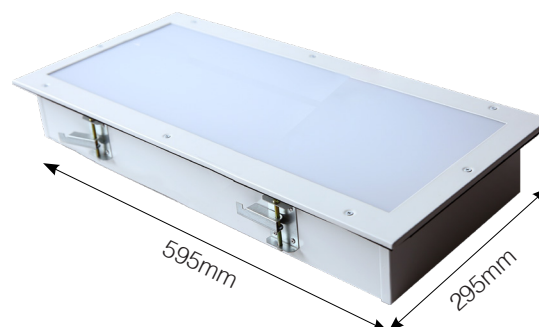
# NovaBlade™ Cleanroom

LL9P3S63UN Series LED Cleanroom Panels



## NovaBlade Cleanroom Features at a Glance

- Range: 1890Lm, 18W
- Up to 105Lm/W
- UGR<19
- LM80 projected LED life > 100,000 hours
- Colour Temperatures: 4000K and 6000K
- Beam angle 120°
- Colour rendering CRI > 90
- MacAdam 3 SDCM
- Powder coat white frame
- IP65 Protection rating. IP54 optional.
- Class 1 Luminaire
- Immune to Ripple Frequency Interference
- 1.2m Flex and Plug fitted
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

NovaBlade Cleanroom products are non dimmable. 1-10V and DALI dimmable options available.

## Ripple Frequency Interference

NovaBlade Cleanroom products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaBlade Cleanroom products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 105Lm/W.

## Environment and Safety

NovaBlade Cleanroom products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: NovaBlade Cleanroom

Example: NovaBlade Cleanroom Panel, 595mm x 295mm, Beam angle 120°, UGR<19, 4000K, 1890Lm **LL9P3S63UN65**

Product Group		Group Designation		Dimming		Panel Size		Colour Temperature		Protection Rating	
Sources	LL9	NovaBlade Cleanroom	P3S	Non-dimming		595 x 295 UGR<19	63U	Natural White (4000K)	N	IP65	65
				1-10V	D1			Cool White (6000K)	C	IP54	54
				DALI	DD						



# NovaBlade™ Cleanroom

LL9P3S63UN Series LED Cleanroom Panels



## Physical

Length:	595mm
Width:	295mm
Height:	80mm
Weight:	3.5kg

## Control and Programming

Dimming:	Non-Dimming
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## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP65

## Connection

Power Connection:	Flex and plug
-------------------	---------------

## Output

Luminous Flux:	1890Lm
Efficacy:	up to 105Lm/W
Beam Angle:	120°
CRI:	>90

## Electrical

Input Voltage:	240 Vac
Typical Total Power:	18W
Power Factor:	0.95

## Thermal

Cooling:	Convection, Conduction
Storage Temperature:	-30°C to +65°C
Operating Range Ta:	-20°C to +50°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



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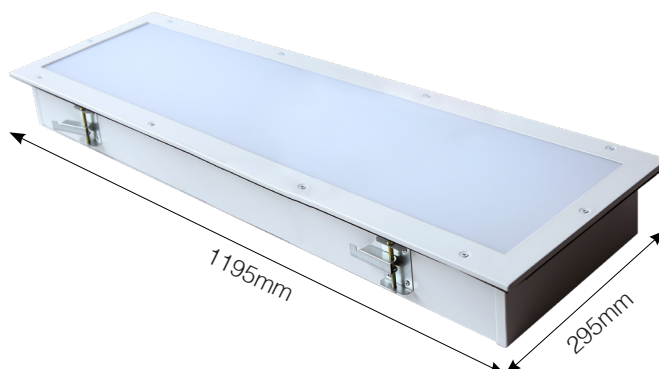
# NovaBlade™ Cleanroom

LL9P3S123EUN Series LED Cleanroom Panels



## NovaBlade Cleanroom Features at a Glance

- Range: 2730Lm, 26W
- Up to 105Lm/W
- UGR<19
- LM80 projected LED life > 100,000 hours
- Colour Temperatures: 4000K and 6000K
- Beam angle 120°
- Colour rendering CRI > 90
- MacAdam 3 SDCM
- Powder coat white frame
- IP65 Protection rating. IP54 optional.
- Class 1 Luminaire
- Immune to Ripple Frequency Interference
- 1.2m Flex and Plug fitted
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

NovaBlade Cleanroom products are non dimmable. 1-10V and DALI dimmable options available.

## Ripple Frequency Interference

NovaBlade Cleanroom products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaBlade Cleanroom products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 105Lm/W.

## Environment and Safety

NovaBlade Cleanroom products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: NovaBlade Cleanroom

**Example:** NovaBlade Cleanroom Panel, 1195mm x 295mm, Beam angle 120°, UGR<19, 4000K, 2730Lm **LL9P3S123EUN65**

Product Group		Group Designation		Dimming		Panel Size		Colour Temperature		Protection Rating	
Sources	LL9	NovaBlade Cleanroom	P3S	Non-dimming		1195 x 295 Eco UGR<19	123EU	Natural White (4000K)	N	IP65	65
				1-10V	D1			Cool White (6000K)	C	IP54	54
				DALI	DD						



# NovaBlade™ Cleanroom

LL9P3S123EUN Series LED Cleanroom Panels



## Physical

Length:	1195mm
Width:	295mm
Height:	80mm
Weight:	6.2kg

## Control and Programming

Dimming:	Non-Dimming
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## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP65

## Connection

Power Connection:	Flex and plug
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## Output

Luminous Flux:	2730Lm
Efficacy:	up to 105Lm/W
Beam Angle:	120°
CRI:	>90

## Electrical

Input Voltage:	240 Vac
Typical Total Power:	26W
Power Factor:	0.95

## Thermal

Cooling:	Convection, Conduction
Storage Temperature:	-30°C to +65°C
Operating Range Ta:	-20°C to +50°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



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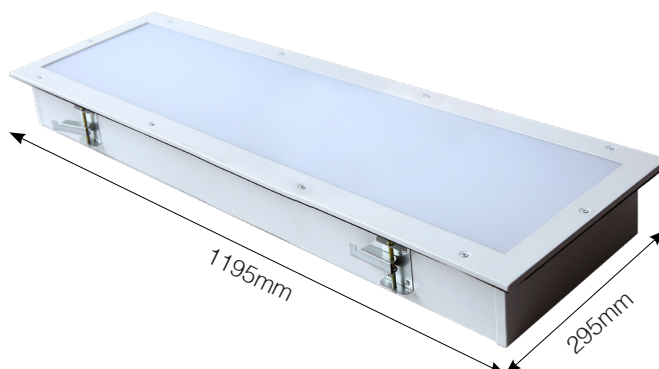
# NovaBlade<sup>™</sup> Cleanroom

LL9P3S123N Series LED Cleanroom Panels



## NovaBlade Cleanroom Features at a Glance

- Range: 3150Lm, 30W
- Up to 105Lm/W
- LM80 projected LED life > 100,000 hours
- Colour Temperatures: 4000K and 6000K
- Beam angle 120°
- Colour rendering CRI > 90
- MacAdam 3 SDCM
- Powder coat white frame
- IP65 Protection rating. IP54 optional.
- Class 1 Luminaire
- Immune to Ripple Frequency Interference
- 1.2m Flex and Plug fitted
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

NovaBlade Cleanroom products are non dimmable. 1-10V and DALI dimmable options available.

## Ripple Frequency Interference

NovaBlade Cleanroom products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaBlade Cleanroom products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 105Lm/W.

## Environment and Safety

NovaBlade Cleanroom products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: NovaBlade Cleanroom

**Example:** NovaBlade Cleanroom Panel, 1195mm x 295mm, Beam angle 120°, 4000K, 2730Lm **LL9P3S123N65**

Product Group		Group Designation		Dimming		Panel Size		Colour Temperature		Protection Rating	
Sources	LL9	NovaBlade Cleanroom	P3S	Non-dimming		1195 x 295	123	Natural White (4000K)	N	IP65	65
				1-10V	D1			Cool White (6000K)	C	IP54	54
				DALI	DD						





# NovaBlade<sup>TM</sup> Cleanroom

LL9P3S123N Series LED Cleanroom Panel



## Physical

Length:	1195mm
Width:	295mm
Height:	80mm
Weight:	6.2kg

## Control and Programming

Dimming:	Non-Dimming
----------	-------------

## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP65

## Connection

Power Connection:	Flex and plug
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## Output

Luminous Flux:	3150Lm
Efficacy:	up to 105Lm/W
Beam Angle:	120°
CRI:	>90

## Electrical

Input Voltage:	240 Vac
Typical Total Power:	30W
Power Factor:	0.95

## Thermal

Cooling:	Convection, Conduction
Storage Temperature:	-30°C to +65°C
Operating Range Ta:	-20°C to +50°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



# NovaBlade™ Cleanroom

LL9P3S123UN Series LED Cleanroom Panels



## NovaBlade Cleanroom Features at a Glance

- Range: 3150Lm, 30W
- Up to 105Lm/W
- UGR<19
- LM80 projected LED life > 100,000 hours
- Colour Temperatures: 4000K and 6000K
- Beam angle 120°
- Colour rendering CRI > 90
- MacAdam 3 SDCM
- Powder coat white frame
- IP65 Protection rating. IP54 optional.
- Class 1 Luminaire
- Immune to Ripple Frequency Interference
- 1.2m Flex and Plug fitted
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

NovaBlade Cleanroom products are non dimmable. 1-10V and DALI dimmable options available.

## Ripple Frequency Interference

NovaBlade Cleanroom products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaBlade Cleanroom products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 105Lm/W.

## Environment and Safety

NovaBlade Cleanroom products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: NovaBlade Cleanroom

Example: NovaBlade Cleanroom Panel, 1195mm x 295mm, Beam angle 120°, UGR<19, 4000K, 2730Lm **LL9P3S123UN65**

Product Group		Group Designation		Dimming		Panel Size		Colour Temperature		Protection Rating	
Sources	LL9	NovaBlade Cleanroom	P3S	Non-dimming		1195 x 295 UGR<19	123U	Natural White (4000K)	N	IP65	65
				1-10V	D1			Cool White (6000K)	C	IP54	54
				DALI	DD						



# NovaBlade™ Cleanroom

LL9P3S123UN Series LED Cleanroom Panels



## Physical

Length:	1195mm
Width:	295mm
Height:	80mm
Weight:	6.2kg

## Control and Programming

Dimming:	Non-Dimming
----------	-------------

## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP65

## Connection

Power Connection:	Flex and plug
-------------------	---------------

## Output

Luminous Flux:	3150Lm
Efficacy:	up to 105Lm/W
Beam Angle:	120°
CRI:	>90

## Electrical

Input Voltage:	240 Vac
Typical Total Power:	30W
Power Factor:	0.95

## Thermal

Cooling:	Convection, Conduction
Storage Temperature:	-30°C to +65°C
Operating Range Ta:	-20°C to +50°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



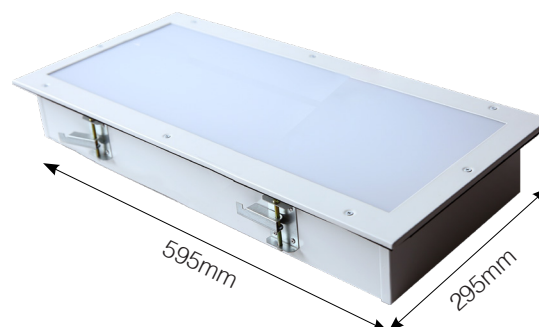
# NovaBlade™ Cleanroom

LL9P3SX63UN Series LED Cleanroom Panels



## NovaBlade Cleanroom Features at a Glance

- Range: 2730Lm, 26W
- Up to 105Lm/W
- UGR<19
- LM80 projected LED life > 100,000 hours
- Colour Temperatures: 4000K and 6000K
- Beam angle 120°
- Colour rendering CRI > 90
- MacAdam 3 SDCM
- Powder coat white frame
- IP65 Protection rating. IP54 optional.
- Class 1 Luminaire
- Immune to Ripple Frequency Interference
- 1.2m Flex and Plug fitted
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

NovaBlade Cleanroom products are non dimmable. 1-10V and DALI dimmable options available.

## Ripple Frequency Interference

NovaBlade Cleanroom products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaBlade Cleanroom products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 105Lm/W.

## Environment and Safety

NovaBlade Cleanroom products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: NovaBlade Cleanroom

**Example:** NovaBlade Excalibur Cleanroom Panel, 595mm x 295mm, Beam angle 120°, UGR<19, 4000K, 2730Lm **LL9P3SX63UN65**

Product Group		Group Designation		Dimming		Panel Size		Colour Temperature		Protection Rating	
Sources	LL9	NovaBlade Cleanroom Excalibur	P3SX	Non-dimming		595 x 295 UGR<19	63U	Natural White (4000K)	N	IP65	65
				1-10V	D1			Cool White (6000K)	C	IP54	54
				DALI	DD						



# NovaBlade™ Cleanroom

LL9P3SX63UN Series LED Cleanroom Panels



## Physical

Length:	595mm
Width:	295mm
Height:	80mm
Weight:	3.5kg

## Control and Programming

Dimming:	Non-Dimming
----------	-------------

## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP65

## Connection

Power Connection:	Flex and plug
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## Output

Luminous Flux:	2730Lm
Efficacy:	up to 105Lm/W
Beam Angle:	120°
CRI:	>90

## Electrical

Input Voltage:	240 Vac
Typical Total Power:	26W
Power Factor:	0.95

## Thermal

Cooling:	Convection, Conduction
Storage Temperature:	-30°C to +65°C
Operating Range Ta:	-20°C to +50°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



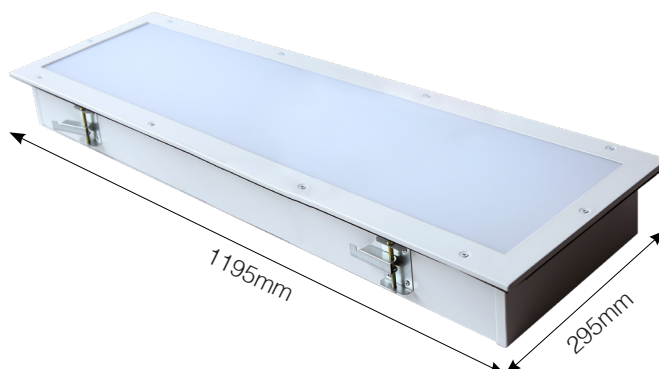
# NovaBlade™ Cleanroom

LL9P3SX123UN Series LED Cleanroom Panels



## NovaBlade Cleanroom Features at a Glance

- Range: 4200Lm, 40W
- Up to 105Lm/W
- UGR<19
- LM80 projected LED life > 100,000 hours
- Colour Temperatures: 4000K and 6000K
- Beam angle 120°
- Colour rendering CRI > 90
- MacAdam 3 SDCM
- Powder coat white frame
- IP65 Protection rating. IP54 optional.
- Class 1 Luminaire
- Immune to Ripple Frequency Interference
- 1.2m Flex and Plug fitted
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

NovaBlade Cleanroom products are non dimmable. 1-10V and DALI dimmable options available.

## Ripple Frequency Interference

NovaBlade Cleanroom products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaBlade Cleanroom products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 105Lm/W.

## Environment and Safety

NovaBlade Cleanroom products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: NovaBlade Cleanroom

**Example:** NovaBlade Excalibur Cleanroom Panel, 1195mm x 295mm, Beam angle 120°, UGR<19, 4000K, 4200Lm **LL9P3SX123UN65**

Product Group		Group Designation		Dimming		Panel Size		Colour Temperature		Protection Rating	
Sources	LL9	NovaBlade Cleanroom Excalibur	P3SX	Non-dimming		1195 x 295 UGR<19	123U	Natural White (4000K)	N	IP65	65
				1-10V	D1			Cool White (6000K)	C	IP54	54
				DALI	DD						



# NovaBlade™ Cleanroom

LL9P3SX123UN Series LED Cleanroom Panels



## Physical

Length:	1195mm
Width:	295mm
Height:	80mm
Weight:	6.2kg

## Control and Programming

Dimming:	Non-Dimming
----------	-------------

## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP65

## Connection

Power Connection:	Flex and plug
-------------------	---------------

## Output

Luminous Flux:	4200Lm
Efficacy:	up to 105Lm/W
Beam Angle:	120°
CRI:	>90

## Electrical

Input Voltage:	240 Vac
Typical Total Power:	40W
Power Factor:	0.95

## Thermal

Cooling:	Convection, Conduction
Storage Temperature:	-30°C to +65°C
Operating Range Ta:	-20°C to +50°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



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### LoadSmart™ Gen2

Excellent in-line dimmer, the first designed specifically for LED.

Selectable features:

- Dimming mode
- Restrike
- LED indicator
- Minimum dim setting

Ideal for general applications up to 450W in both one way or two way switching applications. A control switch is required.



### LoadSmart™ Solo

Excellent in-line dimmer with performance equivalent to Gen2 and with an integral Push On/Push Off switch.

Selectable features:

- Dimming mode
- Restrike
- LED indicator
- Minimum dim setting

Ideal for general applications up to 450W in both one way switching applications. A control switch is not required.



### LoadSmart™ Driver Direct

Dimming controller for larger LED loads compatible with 1-10V technology.

An off-line controller with no direct load limitations. Requires a control switch.

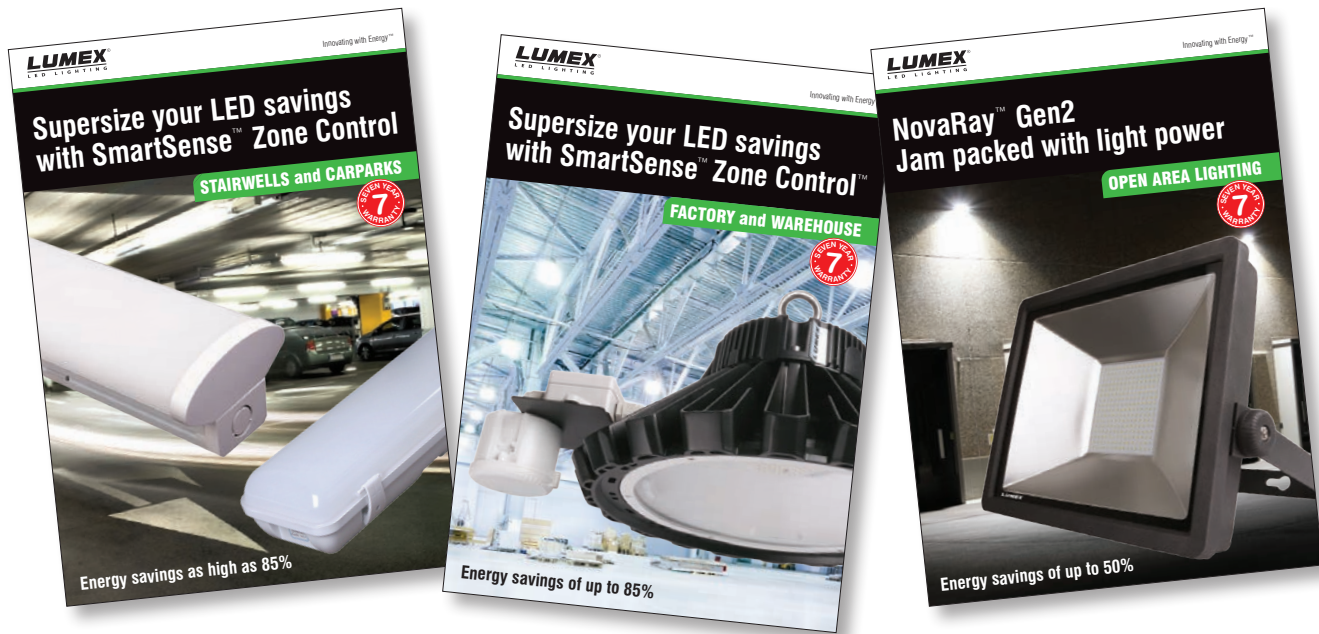


## LoadSmart Series

	LT1D450LSWE	LT1DS450LSWE	LT1D110WE
	Requires additional control switch	No additional control switch	1-10V Controller
	Suitable for 1 way and 2 way switching	Suitable for 1 way switching	Not for connection to circuit wiring
Specifications	Gen2	Solo	Driver Direct
Power requirements	220-270V~ 50 Hz 450W (See note)	220-270V~ 50 Hz 450W (See note)	60vdc 50ma max
Minimum load	1W	1W	Not applicable
Dimming Operation	Auto select load suitability and selectable Trailing Edge	Auto select load suitability and selectable Trailing Edge	1-10V
Environmental	-20-65° C, <85% Humidity	-20-65° C, <85% Humidity	0-45° C
Derating	Not generally required (See note)	Not generally required (See note)	Not applicable
Overttemperature protection	Manual reset Turn Off and On after one minute	Manual reset Turn Off and On after one minute	Not applicable
Network compatibility	Immune to Ripple Frequency interference	Immune to Ripple Frequency interference	Not applicable
Compatible Loads	Dimmable LED, Incandescent, and Dimmable Electronic transformer	Dimmable LED, Incandescent, and Dimmable Electronic transformer	1-10V dimmable products
Non Compatible Loads	Incandescent, non dimmable LED, Iron core transformers, and small motor loads,	Incandescent, non dimmable LED, Iron core transformers, and small motor loads,	Non 1-10V products
Product Approvals	All relevant Australian Standards	All relevant Australian Standards	All relevant Australian Standards

Note: Dimming efficacy, maximum load and de-rating requirements are based on Lumex products, and are equally applicable to a broad range of products available in the market. However, Lumex cannot guarantee LoadSmart products will be 100% compatible with every LED product on offer. Always refer to lighting manufacturer's recommendations for dimming suitability.

## Zero in on better value with Lumex Application Focus Series



LSX3052016

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# LoadSmart™ Great Dimming Now three easy LED options



## LED dimming excellence

1-10V Control



# LoadSmart one, two and three

## Three easy pick options for smooth reliable LED dimming



Now there are three great LoadSmart options to choose from, a LoadSmart for every occasion.

LoadSmart Gen2, Australia’s most trusted LED dimmer, has now been joined by LoadSmart Solo, an equally excellent space saving self switched dimmer, and LoadSmart Driver Direct, a 1-10V compatible solution for dimming higher wattage fixtures.

### The LoadSmart story

LoadSmart led the way with the first digital dimmer designed specifically for LED. It was an immediate success and showed no one knows more about dimming LEDs than Australia’s specialist LED manufacturer.

### LoadSmart Gen2

We followed it up with an even better version – the same great dimming with the ground breaking addition of four selectable options.

### LoadSmart Solo

The new LoadSmart Solo has all the great features and options of LoadSmart Gen2 with the addition of an integral Push On/Push Off switch. This means a control switch is no longer required and up to 6 dimmers can now fit on a standard sized plate.

### LoadSmart Driver Direct

Driver Direct adds a new dimming dimension. It skirts around the load limitations of in-line dimmers by using 1-10V technology to control the driver output directly. It provides smooth and consistent dimming without any wattage restriction or limitation on the number of fixtures. Additional wiring and 1-10V compatible drivers are required.

### Proven performance, meaningful warranty

Lumex led the way with LED performance and with LED warranty, and the Lumex 7 year warranty still rates as the most meaningful and dependable. Read all about our Seven Year LED Warranty at [lumexlighting.com.au](http://lumexlighting.com.au)

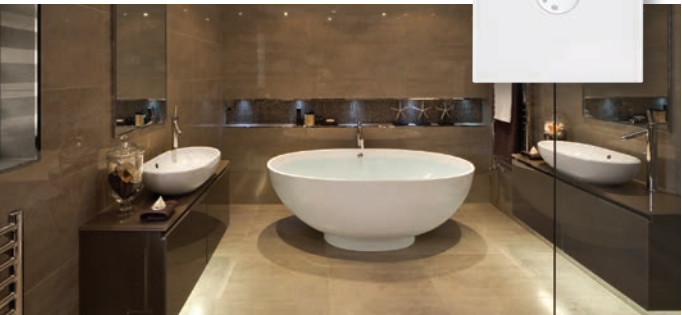
## LoadSmart™ Gen2

### Australia’s most trusted

The original LoadSmart changed LED dimming forever. The Gen2 upgrade adds sophistication, selectability and a new raft of features. LoadSmart Gen2 remains Australia’s most trusted LED dimmer, a dimmer that offers unmatched features and performance, a dimmer that offers unmatched value for money.

### Key features

- Smooth, even, full range dimming
- Wide compatibility with differing driver designs
- Multi gangs in all configurations
- Selectable mode – auto or trailing edge
- Selectable – Restrike On or Off
- Selectable – Minimum illumination setting
- Selectable – LED indicator On or Off



## LoadSmart™ Solo

### Ready to go it alone

LoadSmart Solo takes all the great LoadSmart Gen2 features and adds Push On/Push Off Switching. This great feature removes the need for a control switch and gives a simpler, cleaner look, and the ability to fit up to six dimmers in a switch plate. Solo’s other great new feature is easy access minimum setting control, now just under the knob.

### Key features

- Push On/Push Off integral switch
- The same great dimming and compatibility
- Multi gangs in all configurations
- Easy access minimum illumination setting
- Selectable mode – auto or trailing edge
- Selectable – Restrike On or Off
- Selectable – LED indicator On or Off
- Direct connect terminals



## LoadSmart™ Driver Direct

### Go direct to the source

Dimming larger wattage LEDs can be a challenge. Traditional in-line dimming just doesn’t cut it. Driver Direct skirts the in-line issue and takes control straight to the driver. Driver Direct harnesses 1-10V technology to provide smooth and consistent dimming even in the most challenging load situations. If wattage is the problem, the solution is Driver Direct.

(Note: Driver Direct requires a control switch, extra wiring and 1-10V compatible drivers)

### Key features

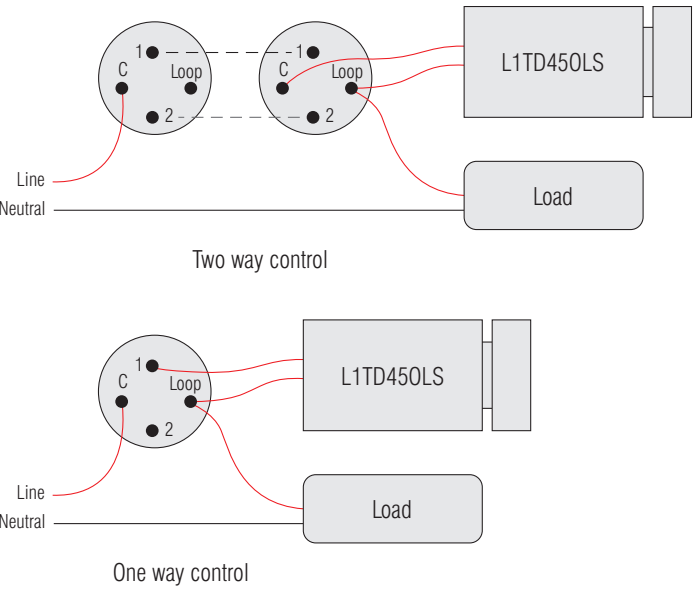
- Directly controls driver output stage
- Smooth and consistent dimming
- No limitation on fixture wattage
- No limitation of fixture numbers
- Minimum setting adjustment



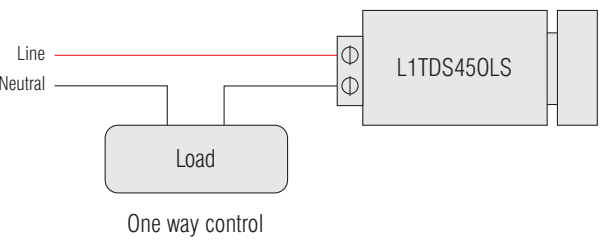
## Installation Considerations

Different applications and different solutions do bring some variations in the installation process, particularly with Driver Direct.

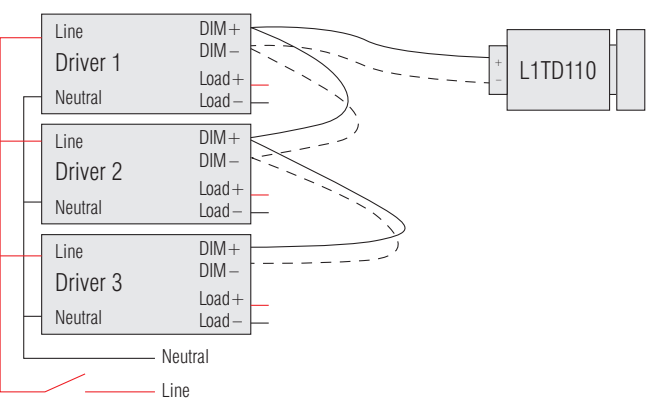
### LoadSmart Gen2 Installation



### LoadSmart Solo Installation



### LoadSmart Driver Direct Installation



Control On/Off with switch in circuit wiring.  
Control dimming with low voltage side.  
Drivers must be 1-10V compatible.

# Compact SkyBay

LL2LB Series LED Low Bay



## Compact SkyBay Features at a Glance

- Range: 9,000Lm to 22,500Lm, 60W to 150W
- Up to 150Lm/W
- TM-21 projected LED life > 50,000 hours at L70
- Colour Temperatures: 3000K, 4000K and 5000K
- Beam angle 120°
- Colour Rendering: HiColour CRI>90
- Cast Aluminium with White powder coat finish
- IP65 ingress protection rating – ideal for outdoor (all weather) locations
- IK07 impact rating
- Not suitable for phase dimming. 1-10V option available
- Optional bracket for surface mounting
- Opal or prismatic diffuser for low glare applications
- 1.5m of UV Resistant flex and plug
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

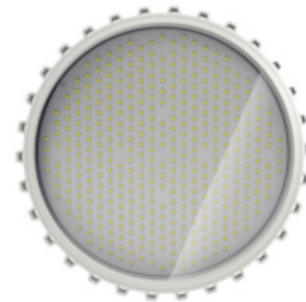
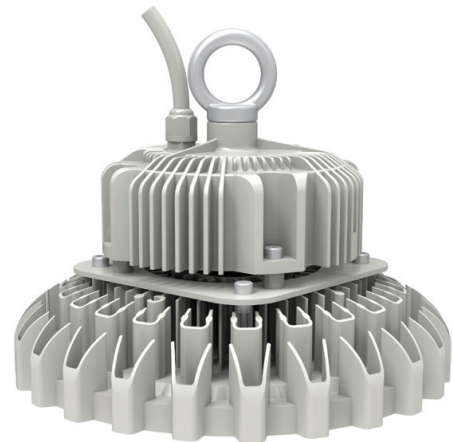
Compact SkyBay products are not suitable for phase control dimming. 1-10V dimming option available.

## Unrivalled Efficiency

Compact SkyBay products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 150Lm/W.

## Environment and Safety

Compact SkyBay products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Compact SkyBay

Example: Compact SkyBay, 120W, 1-10V Dimmable, 120° Beam Angle, 5000K LL2LBD120C

Product Group		Group Designation		Dimmable		Wattage		Colour Temperature		Special	
Skybay	LL2	LED LowBay	LB	Non-Dimmable		60W	60	Cool White (5000K)	C	Opal Lens	L
				1-10V Dimmable	D	100W	100	Natural White (4000K)	N	Bracket	B
						120W	120	Warm White (3000K)	W3	Pole	P
						150W	150			Post	S
										Prismatic Lens	PL



# Compact SkyBay

LL2LB Series LED Low Bay



## Control and Programming

**Dimming:** 1-10V option available

## Construction

**Colour:** White  
**Body:** Die-cast aluminium  
**Lens:** Clear acrylic  
**Impact Rating:** IK07  
**Protection Rating:** IP65

## Connection

**Power Connection:** Direct connection or flex and plug

## Output

**Luminous Flux:** 9,000Lm to 22,500 (refer to table)  
**Efficacy:** up to 150Lm/W  
**Beam Angle:** 120°  
**CRI:** >90

## Electrical

**Input Voltage:** 240 Vac  
**Typical Total Power:** 60W to 150W  
**Power Factor:** >0.90

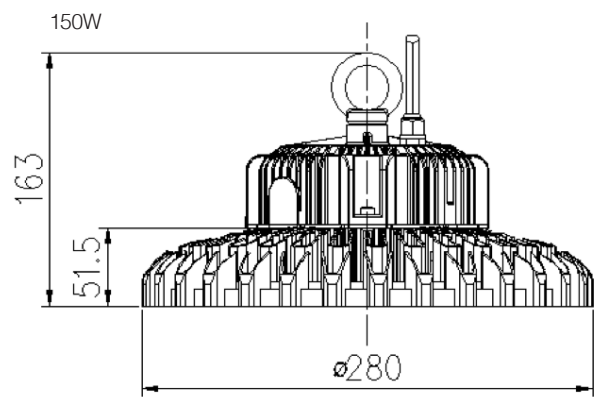
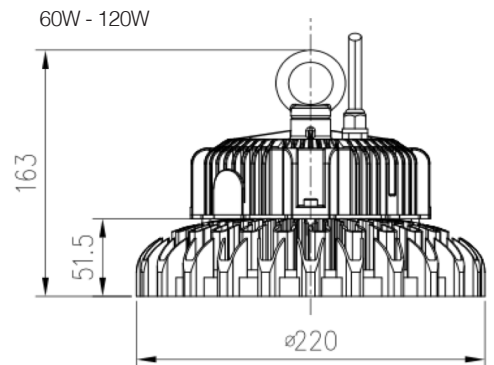
## Thermal

**Cooling:** Convection, Conduction  
**Storage Temperature:** -20°C to +50°C  
**Operating Range Tc:** -30°C to +55°C  
**Humidity (non-condensing):** 0-95%

## Certificates

**EMC:** AS/NZS CISPR15 (C-Tick)  
**Electrical Safety:** AS/NZS 60598.2.2, AS/NZS 4417 (RCM)

Cat No	Total Power	Lumen Output
LL2LB60C	60	9,000
LL2LB100C	100	15,000
LL2LB120C	120	18,000
LL2LB150C	150	22,500



Specifications subject to change without notice.



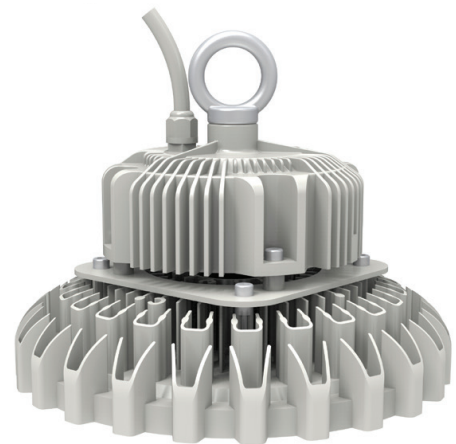
# Compact SkyBay

LL2LB Series LED Low Bay



## Compact SkyBay Features at a Glance

- Range: 6,500Lm to 19,500Lm, 50W to 150W
- Up to 156Lm/W
- TM-21 projected LED life > 50,000 hours at L70
- Colour Temperatures: 4000K and 5000K
- Beam angle 120°
- Colour Rendering: HiColour CRI>70
- Cast Aluminium with White powder coat finish
- IP66 ingress protection rating – ideal for outdoor (all weather) locations
- IK07 impact rating
- Not suitable for phase dimming. 0, 1-10V option available
- Optional bracket for surface mounting
- Optional opal diffuser low glare
- 1.5m of UV Resistant flex and plug
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

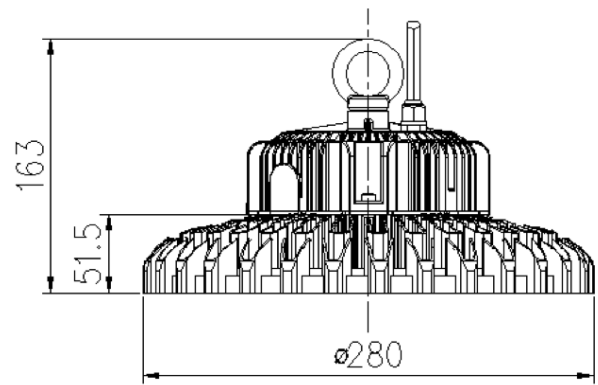
Compact SkyBay products are not suitable for phase control dimming in standard specification, however, an upgraded product is available to convert them to 0, 1-10V compatible. For more information on 0, 1-10V dimming see our Dimming and Control section.

## Unrivalled Efficiency

Compact SkyBay products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 130Lm/W.

## Environment and Safety

Compact SkyBay products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Compact SkyBay

Example: Compact SkyBay, 120W, 1-10V Dimmable, 120° Beam Angle, 5000K LL2LB16C

Product Group		Group Designation		Dimmable		Lumen Output		Colour Temperature		Special	
Skybay	LL2	LED LowBay	LB	Non-Dimmable		6,500	6	Cool White (5000K)	C	Opal Lens	L
				0, 1-10V Dimmable	D	10,000	10	Natural White (4000K)	N	Bracket	B
						13,000	13			Pole	P
						16,000	16			Post	S
						19,500	20				



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# Compact SkyBay

LL2LB Series LED Low Bay



## Control and Programming

**Dimming:** 0, 1-10V option available

## Construction

**Colour:** White  
**Body:** Die-cast aluminium  
**Lens:** Clear acrylic  
**Impact Rating:** IK07  
**Protection Rating:** IP66

## Connection

**Power Connection:** Direct connection or flex and plug

## Output

**Luminous Flux:** 6,500Lm to 19,500 (refer to table)  
**Efficacy:** up to 156Lm/W  
**Beam Angle:** 120°  
**CRI:** >70

## Electrical

**Input Voltage:** 220-240 Vac  
**Typical Total Power:** 50W to 150W  
**Power Factor:** >0.90

## Thermal

**Cooling:** Convection, Conduction  
**Storage Temperature:** -20°C to +50°C  
**Operating Range Tc:** -30°C to +65°C  
**Humidity (non-condensing):** 0-95%

## Certificates

**EMC:** AS/NZS CISPR15 (C-Tick)  
**Electrical Safety:** AS/NZS 60598.2.2, AS/NZS 4417 (RCM)

Cat No	Total Power	(Up to) Lumen
LL2LB6C	50W	6,500Lm
LL2LB10C	80W	10,000Lm
LL2LB13C	100W	13,000Lm
LL2LB16C	120W	15,600Lm
LL2LB20C	150W	19,500Lm

Specifications subject to change without notice.



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# NovaBlade™ Flush Mount

LL9P33FK Series NovaBlade Mounting Accessories



## NovaBlade Flush Mount Frame Features at a Glance

- For flush fitting NovaBlade panels into plasterboard ceiling
- Rigid Aluminium Frame powder-coated in matt white to suit general ceiling colour
- Allows Ease of installation of LUMEX LL9P33 series panels
- Driver secured discreetly behind Panel when mounted in Flush Mount Frame
- Safety cables provided
- Seven Year Warranty

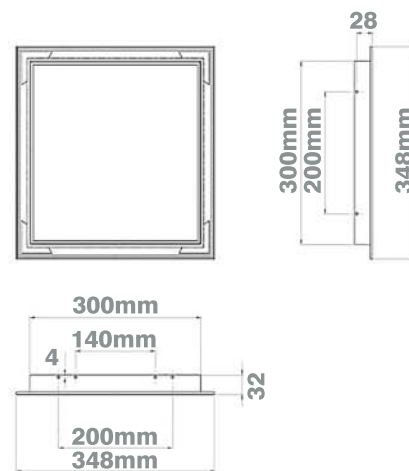


## Physical

Length:	348mm
Width:	348mm
Height:	32mm
Weight:	0.4kg
Cut-out size:	310mm x 310mm
Opening:	288mm x 288mm

## Construction

Colour:	White Satin Powdercoat
Body:	Extruded Aluminium



## Catalogue Number Guide: NovaBlade Flush Mount

Example: NovaBlade, 300mm x 300mm, Flush Mounting Frame LL9P33FK

Product Group		Group Designation		Frame Size		Mount Fixture Type	
Light Sources	LL9	Panels	P	300 x 300	33	Flush Frame	FK

Specifications subject to change without notice.



# NovaBlade™ Flush Mount

LL9P63FK Series NovaBlade Mounting Accessories



## NovaBlade Flush Mount Frame Features at a Glance

- For flush fitting NovaBlade panels into plasterboard ceiling
- Rigid Aluminium Frame powder-coated in matt white to suit general ceiling colour
- Allows Ease of installation of LUMEX LL9P63 series panels
- Driver secured discreetly behind Panel when mounted in Flush Mount Frame
- Safety cables provided
- Seven Year Warranty

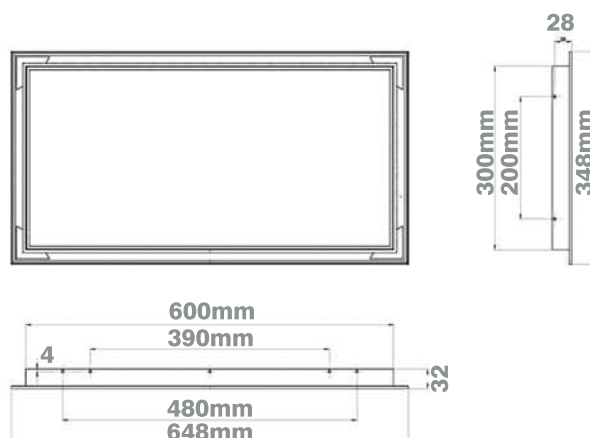


## Physical

Length:	648mm
Width:	348mm
Height:	32mm
Weight:	0.65kg
Cut-out size:	610mm x 310mm
Opening:	588mm x 288mm

## Construction

Colour:	White Satin Powdercoat
Body:	Extruded Aluminium



## Catalogue Number Guide: NovaBlade Flush Mount

Example: NovaBlade, 600mm x 300mm, Flush Mounting Frame LL9P63FK

Product Group		Group Designation		Frame Size		Mount Fixture Type	
Light Sources	LL9	Panels	P	600 x 300	63	Flush Frame	FK

Specifications subject to change without notice.



# NovaBlade™ Flush Mount

LL9P66FK Series NovaBlade Mounting Accessories



## NovaBlade Flush Mount Frame Features at a Glance

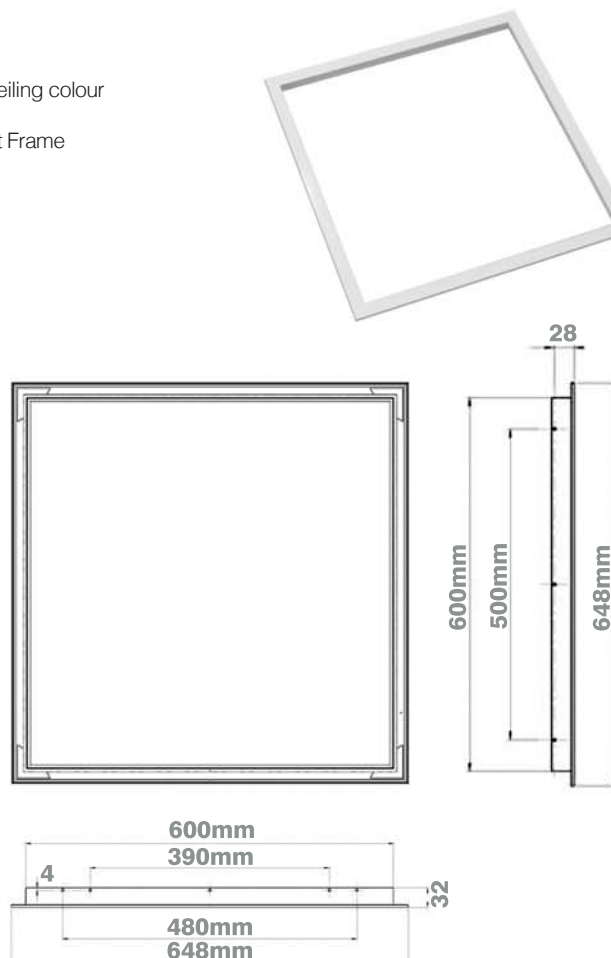
- For flush fitting NovaBlade panels into plasterboard ceiling
- Rigid Aluminium Frame powder-coated in matt white to suit general ceiling colour
- Allows Ease of installation of LUMEX LL9P66 series panels
- Driver secured discreetly behind Panel when mounted in Flush Mount Frame
- Safety cables provided
- Seven Year Warranty

## Physical

Length:	648mm
Width:	648mm
Height:	32mm
Weight:	0.90kg
Cut-out size:	610mm x 610mm
Opening:	588mm x 588mm

## Construction

Colour:	White Satin Powdercoat
Body:	Extruded Aluminium



## Catalogue Number Guide: NovaBlade Flush Mount

Example: NovaBlade, 600mm x 600mm, Flush Mounting Frame LL9P66FK

Product Group		Group Designation		Frame Size		Mount Fixture Type	
Light Sources	LL9	Panels	P	600 x 600	66	Flush Frame	FK

Specifications subject to change without notice.





# NovaBlade™ Flush Mount

LL9P123FK Series NovaBlade Mounting Accessories



## NovaBlade Flush Mount Frame Features at a Glance

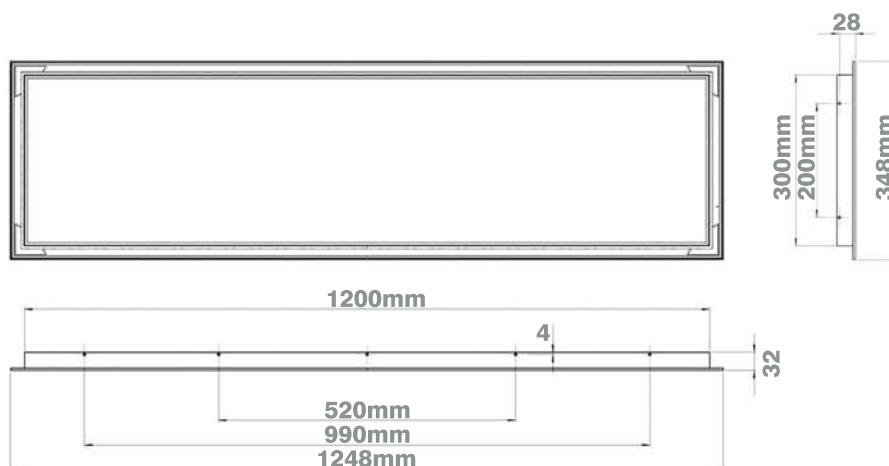
- For flush fitting NovaBlade panels into plasterboard ceiling
- Rigid Aluminium Frame powder-coated in matt white to suit general ceiling colour
- Allows Ease of installation of LUMEX LL9P123 series panels
- Driver secured discreetly behind Panel when mounted in Flush Mount Frame
- Safety cables provided
- Seven Year Warranty

## Physical

Length:	1248mm
Width:	348mm
Height:	32mm
Weight:	1.0kg
Cut-out size:	1210mm x 310mm
Opening:	1188mm x 288mm

## Construction

Colour:	White Satin Powdercoat
Body:	Extruded Aluminium



## Catalogue Number Guide: NovaBlade Flush Mount

Example: NovaBlade, 1200mm x 300mm, Flush Mounting Frame LL9P123FK

Product Group	Group Designation	Frame Size	Mount Fixture Type
Light Sources	LL9	P	1200 x 300
	Panels	123	Flush Frame
			FK

Specifications subject to change without notice.



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# NovaBlade™ Flush Mount

LL9P126FK Series NovaBlade Mounting Accessories



## NovaBlade Flush Mount Frame Features at a Glance

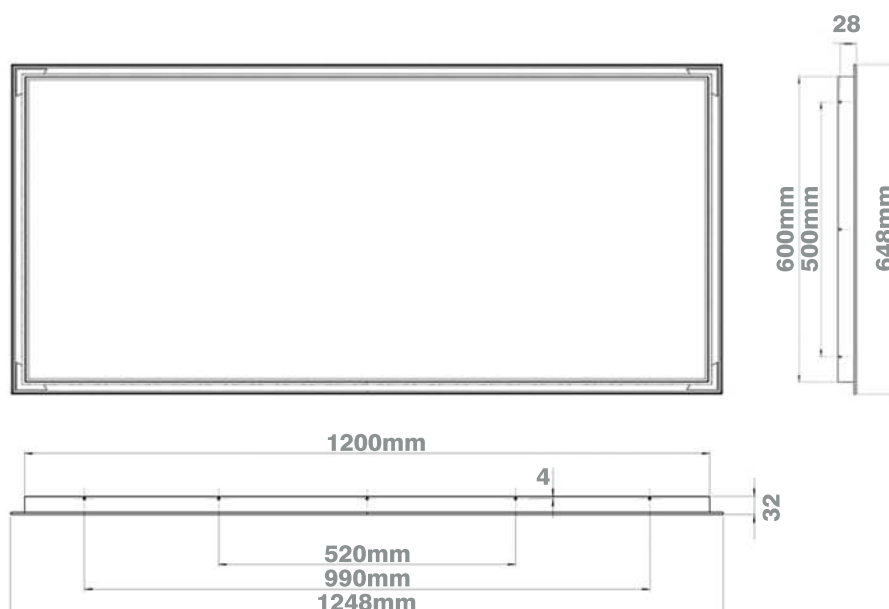
- For flush fitting NovaBlade panels into plasterboard ceiling
- Rigid Aluminium Frame powder-coated in matt white to suit general ceiling colour
- Allows Ease of installation of LUMEX LL9P126 series panels
- Driver secured discreetly behind Panel when mounted in Flush Mount Frame
- Safety cables provided
- Seven Year Warranty

## Physical

Length:	1248mm
Width:	648mm
Height:	32mm
Weight:	1.25kg
Cut-out size:	1210mm x 610mm
Opening:	1188mm x 588mm

## Construction

Colour:	White Satin Powdercoat
Body:	Extruded Aluminium



## Catalogue Number Guide: NovaBlade Flush Mount

Example: NovaBlade, 1200mm x 600mm, Flush Mounting Frame LL9P126FK

Product Group	Group Designation	Frame Size	Mount Fixture Type
Light Sources	LL9	1200 x 600	Flush Frame
	P	126	FK

Specifications subject to change without notice.



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# NovaBlade™ Pendant Mount

LL9PPK Series NovaBlade Mounting Accessories



## NovaBlade Pendant Mount Frame Features at a Glance

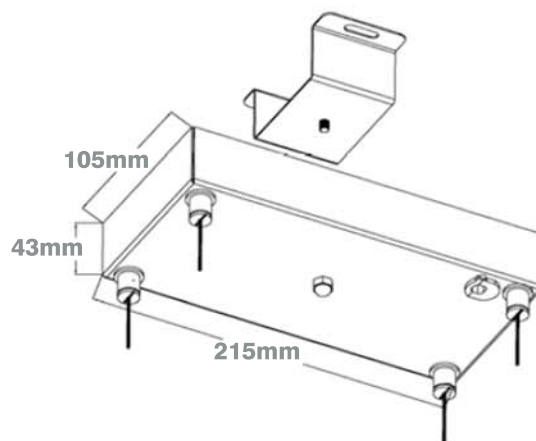
- NovaBlades can be suspended in areas of high ceiling or to improve lighting over work places
- Adjustable clamps for easy leveling
- Standard cable length 1m
- Longer cables available to special order
- Standard canopy allows driver to be mounted inside
- LL9PC15 low voltage extension cable included
- Seven Year Warranty

## Physical

Canopy Length:	215mm
Canopy Width:	105mm
Canopy Height:	43mm
Weight:	0.75kg

## Construction

Canopy Finish:	White Satin Powdercoat
Canopy Material:	0.8mm Zinc Anneal
Bracket Material:	1.2mm Galvanised Steel



## Catalogue Number Guide: NovaBlade Pendant Mount

Example: NovaBlade Pendant Mounting Kit LL9PPK

Product Group		Group Designation		Mount Fixture Type	
Light Sources	LL9	Panels	P	Pendant Mounting Kit	PK

Specifications subject to change without notice.



# NovaBlade™ Pendant Mount

LL9PPKS Series NovaBlade Mounting Accessories



## NovaBlade Pendant Mount Frame Features at a Glance

- NovaBlades can be suspended in areas of high ceiling or to improve lighting over work places
- Adjustable clamps for easy leveling
- Standard cable length 1m
- Longer cables available to special order
- Standard canopy allows driver to be mounted inside
- LL9PC15 low voltage extension cable included
- Seven Year Warranty

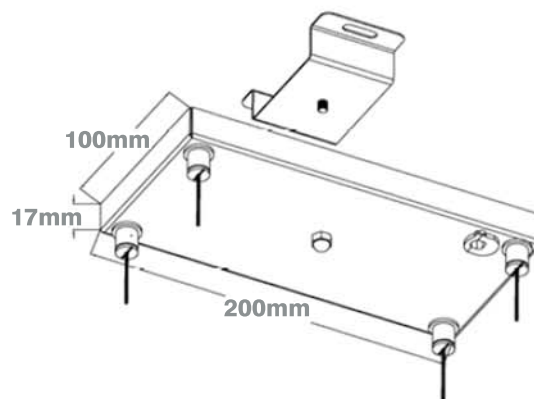


## Physical

Canopy Length:	200mm
Canopy Width:	100mm
Canopy Height:	17mm
Weight:	0.55kg

## Construction

Canopy Finish:	White Satin Powdercoat
Canopy Material:	0.8mm Zinc Anneal
Bracket Material:	1.2mm Galvanised Steel



## Catalogue Number Guide: NovaBlade Pendant Mount

Example: NovaBlade Pendant Mounting Kit Shallow LL9PPKS

Product Group		Group Designation		Mount Fixture Type	
Light Sources	LL9	Panels	P	Pendant Mounting Kit Shallow	PKS

Specifications subject to change without notice.



# NovaBlade™ Semi Flush Mount

LL9P33SFK Series NovaBlade Mounting Accessories



## NovaBlade Semi Flush Mount Frame Features at a Glance

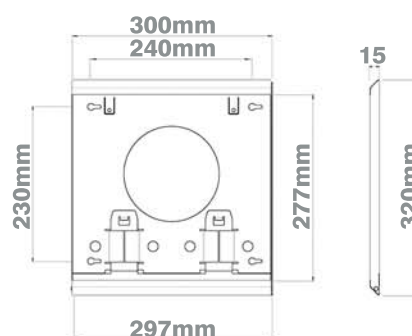
- For surface mounting NovaBlade panels where the driver can be recessed into the ceiling space
- Allows Ease of installation of LUMEX LL9P33 series panels
- After fixing, the NovaBlade is inserted into the frame and secured with sliding gate and locking pins
- Finished result is a protrusion of only 15mm
- Seven Year Warranty

## Physical

Length:	300mm
Width:	339mm (open), 320mm (close)
Height:	15mm
Weight:	0.75kg
Opening:	297mm x 277mm

## Construction

Colour:	White Satin Powdercoat
Body:	0.8mm Zinc Anneal



## Catalogue Number Guide: NovaBlade Semi Flush Mount

Example: NovaBlade, 300mm x 300mm, Semi Flush Mounting Frame LL9P33SFK

Product Group		Group Designation		Frame Size		Mount Fixture Type	
Light Sources	LL9	Panels	P	300 x 300	33	Semi Flush Frame	SFK

Specifications subject to change without notice.



# NovaBlade™ Semi Flush Mount

LL9P63SFK Series NovaBlade Mounting Accessories



## NovaBlade Semi Flush Mount Frame Features at a Glance

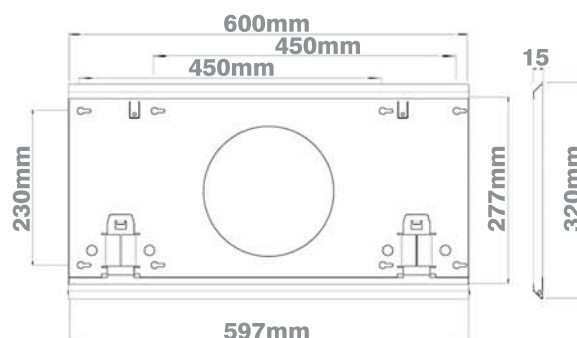
- For surface mounting NovaBlade panels where the driver can be recessed into the ceiling space
- Allows Ease of installation of LUMEX LL9P63 series panels
- After fixing, the NovaBlade is inserted into the frame and secured with sliding gate and locking pins
- Finished result is a protrusion of only 15mm
- Seven Year Warranty

## Physical

Length:	600mm
Width:	339mm (open), 320mm (close)
Height:	15mm
Weight:	1.40kg
Opening:	597mm x 277mm

## Construction

Colour:	White Satin Powdercoat
Body:	0.8mm Zinc Anneal



## Catalogue Number Guide: NovaBlade Semi Flush Mount

Example: NovaBlade, 600mm x 300mm, Semi Flush Mounting Frame **LL9P63SFK**

Product Group		Group Designation		Frame Size		Mount Fixture Type	
Light Sources	LL9	Panels	P	600 x 300	63	Semi Flush Frame	SFK

Specifications subject to change without notice.



# NovaBlade™ Semi Flush Mount

LL9P66SFK Series NovaBlade Mounting Accessories



## NovaBlade Semi Flush Mount Frame Features at a Glance

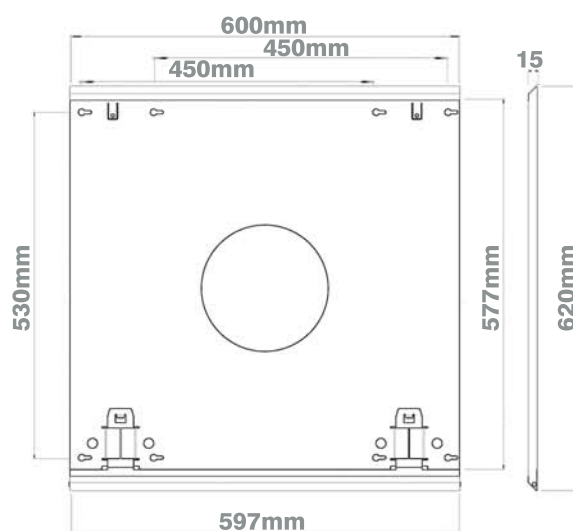
- For surface mounting NovaBlade panels where the driver can be recessed into the ceiling space
- Allows Ease of installation of LUMEX LL9P66 series panels
- After fixing, the NovaBlade is inserted into the frame and secured with sliding gate and locking pins
- Finished result is a protrusion of only 15mm
- Seven Year Warranty

## Physical

Length:	600mm
Width:	639mm (open), 620mm (close)
Height:	15mm
Weight:	2.80kg
Opening:	1197mm x 577mm

## Construction

Colour:	White Satin Powdercoat
Body:	0.8mm Zinc Anneal



## Catalogue Number Guide: NovaBlade Semi Flush Mount

Example: NovaBlade, 600mm x 600mm, Semi Flush Mounting Frame LL9P66SFK

Product Group		Group Designation		Frame Size		Mount Fixture Type	
Light Sources	LL9	Panels	P	600 x 600	66	Semi Flush Frame	SFK

Specifications subject to change without notice.



# NovaBlade™ Semi Flush Mount

LL9P123SFK Series NovaBlade Mounting Accessories



## NovaBlade Flush Semi Mount Frame Features at a Glance

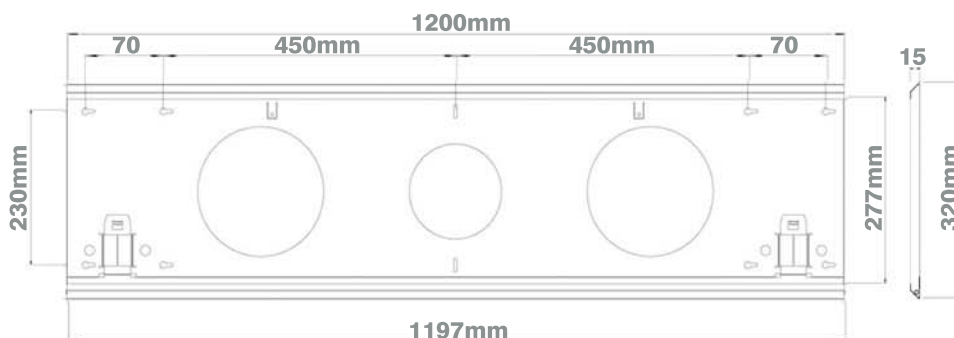
- For surface mounting NovaBlade panels where the driver can be recessed into the ceiling space
- Allows Ease of installation of LUMEX LL9P123 series panels
- After fixing, the NovaBlade is inserted into the frame and secured with sliding gate and locking pins
- Finished result is a protrusion of only 15mm
- Seven Year Warranty

## Physical

Length:	1200mm
Width:	339mm (open), 320mm (close)
Height:	15mm
Weight:	2.40kg
Opening:	1197mm x 277mm

## Construction

Colour:	White Satin Powdercoat
Body:	0.8mm Zinc Anneal



## Catalogue Number Guide: NovaBlade Semi Flush Mount

Example: NovaBlade, 1200mm x 300mm, Semi Flush Mounting Frame LL9P123SFK

Product Group	Group Designation	Frame Size	Mount Fixture Type
Light Sources	LL9	1200 x 300	Semi Flush Frame
	Panels	123	SFK

Specifications subject to change without notice.



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# NovaBlade™ Return Air

LL9P126URA Series Sub19 Low Glare LED Panels with Return Air Assembly



## Physical

Length:	1195mm
Width:	595mm
Height:	8.9mm
Weight:	6.3kg (10.10kg includes NovaBlade Panel)
Area of illumination:	1157mm x 257mm

## Control and Programming

Dimming:	1-10V standard, DALI options available
----------	--

## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP40

## Connection

Power Connection:	Flex and plug or direct connection
-------------------	------------------------------------

## Output

Luminous Flux 4000K:	3200Lm
Luminous Flux 6000K:	3400Lm
Luminous Flux (Emergency):	700Lm for two hours
Efficacy:	up to 103Lm/W
Beam Angle:	120°
CRI:	>90

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	33W
Power Factor:	0.90

## Thermal

Cooling:	Convection, Conduction
Storage Temperature:	-30°C to +65°C
Operating Range Ta:	-20°C to +50°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.2, AS/NZS 4417 (RCM)
COI:	AS/NZS 60598.2.25:2001

Specifications subject to change without notice.



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# NovaBlade™ Semi Flush Mount

LL9P126SFK Series NovaBlade Mounting Accessories



## NovaBlade Semi Flush Mount Frame Features at a Glance

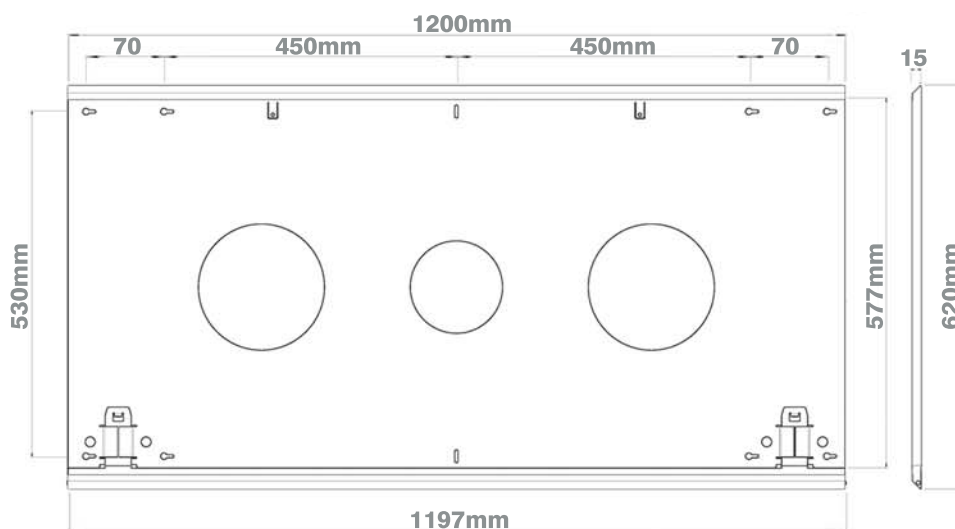
- For surface mounting NovaBlade panels where the driver can be recessed into the ceiling space
- Allows Ease of installation of LUMEX LL9P126 series panels
- After fixing, the NovaBlade is inserted into the frame and secured with sliding gate and locking pins
- Finished result is a protrusion of only 15mm
- Seven Year Warranty

## Physical

Length:	1200mm
Width:	639mm (open), 620mm (close)
Height:	15mm
Weight:	4.80kg
Opening:	1197mm x 577mm

## Construction

Colour:	White Satin Powdercoat
Body:	0.8mm Zinc Anneal



## Catalogue Number Guide: NovaBlade Semi Flush Mount

Example: NovaBlade, 1200mm x 600mm, Semi Flush Mounting Frame LL9P126SFK

Product Group		Group Designation		Frame Size		Mount Fixture Type	
Light Sources	LL9	Panels	P	1200 x 600	126	Semi Flush Frame	SFK

Specifications subject to change without notice.



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# NovaBlade™ Surface Mount

LL9P33SK Series NovaBlade Mounting Accessories



## NovaBlade Surface Mount Frame Features at a Glance

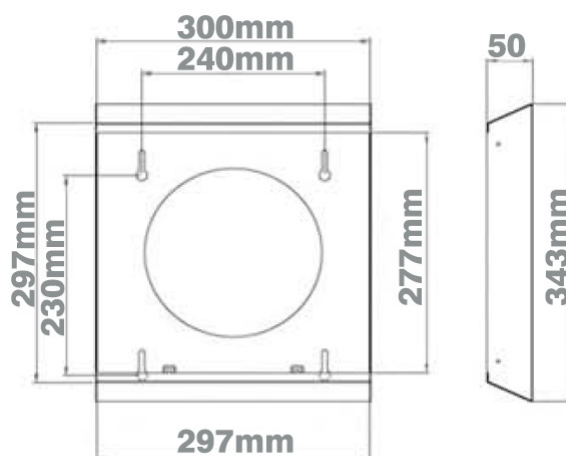
- For surface mounting NovaBlade panels where the driver cannot be recessed into ceiling space
- Driver fits behind the panels either fixed to the back of the panel or to the base of the mounting frame
- Allows Ease of installation of LUMEX LL9P33 series panels
- After fixing, the NovaBlade just drops into the frame and self centres
- Safety cables and provision for frame earthing provided
- Provision for security screws to be fitted to prevent unwanted removal of panel
- Seven Year Warranty

## Physical

Length:	300mm
Width:	343mm
Height:	50mm
Weight:	1.00kg
Opening:	297mm x 277mm

## Construction

Colour Finish:	White Satin Powdercoat
Material:	0.8mm Zinc Anneal



## Catalogue Number Guide: NovaBlade Surface Mount

Example: NovaBlade, 300mm x 300mm, Surface Mounting Frame LL9P33SK

Product Group		Group Designation		Frame Size		Mount Fixture Type	
Light Sources	LL9	Panels	P	300 x 300	33	Surface Mount Frame	SK

Specifications subject to change without notice.



# NovaBlade™ Surface Mount

LL9P63SK Series NovaBlade Mounting Accessories



## NovaBlade Surface Mount Frame Features at a Glance

- For mounting NovaBlade panels into ceilings where the driver cannot be recessed into the ceiling space
- Driver fits behind the panels either fixed to the back of the panel or to the base of the mounting frame
- After fixing, the NovaBlade just drops into the frame and self centres
- Allows Ease of installation of LUMEX LL9P63 series panels
- Safety cables and provisions for frame earthing provided
- Provision for security screws to be fitted to prevent unwanted removal of panel
- Seven Year Warranty

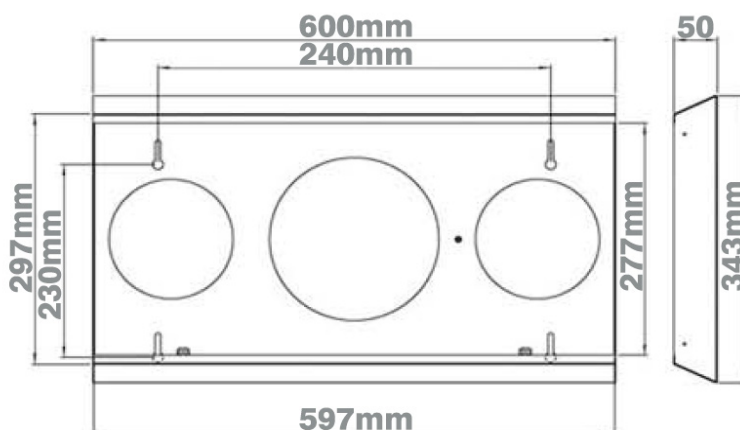


## Physical

Length:	600mm
Width:	343mm
Height:	50mm
Weight:	1.80kg
Opening:	597mm x 277mm

## Construction

Colour Finish:	White Satin Powdercoat
Material:	0.8mm Zinc Anneal



## Catalogue Number Guide: NovaBlade Surface Mount

Example: NovaBlade, 600mm x 300mm, Surface Mounting Frame LL9P63SK

Product Group	Group Designation	Frame Size	Mount Fixture Type
Light Sources	LL9	P	600 x 300
			63
			Surface Mount Frame
			SK

Specifications subject to change without notice.



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# NovaBlade™ Surface Mount

LL9P66SK Series NovaBlade Mounting Accessories



## NovaBlade Surface Mount Frame Features at a Glance

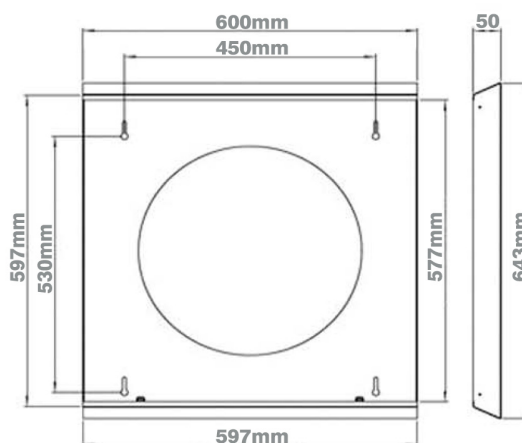
- For surface mounting NovaBlade panels where the driver cannot be recessed
- Allows Ease of installation of LUMEX LL9P66 series panels
- Driver fits behind the panels either fixed to the back of the panel or to the base of the frame
- After fixing, the NovaBlade just drops into the frame and self centres
- Safety cable and provision for frame earthing provided
- Provision for security screws to be fitted to prevent unwanted removal of panel
- Seven Year Warranty

## Physical

Length:	600mm
Width:	643mm
Height:	50mm
Weight:	3.00kg
Opening:	597mm x 577mm

## Construction

Colour Finish:	White Satin Powdercoat
Material:	0.8mm Zinc Anneal



## Catalogue Number Guide: NovaBlade Surface Mount

Example: NovaBlade, 600mm x 600mm, Surface Mounting Frame LL9P66SK

Product Group		Group Designation		Frame Size		Mount Fixture Type	
Light Sources	LL9	Panels	P	600 x 600	66	Surface Mount Frame	SK

Specifications subject to change without notice.



# NovaBlade™ Surface Mount

LL9P123SK Series NovaBlade Mounting Accessories



## NovaBlade Surface Mount Frame Features at a Glance

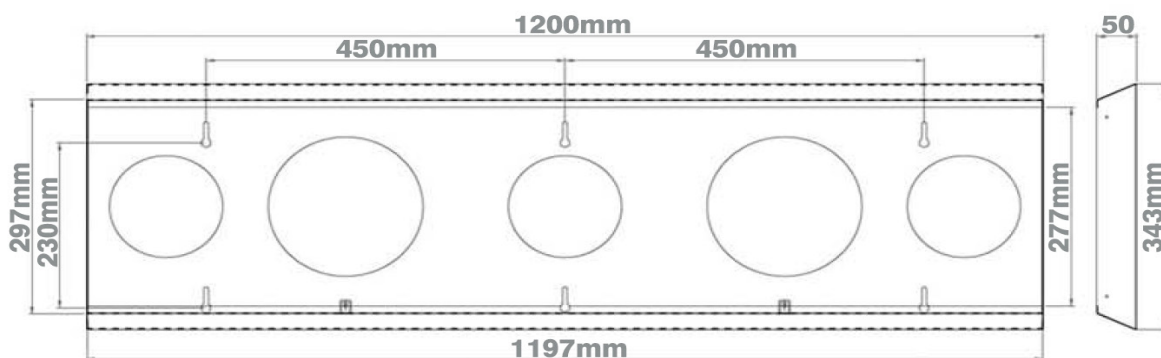
- For surface mounting NovaBlade panels where the driver cannot be recessed
- Driver fits behind the panels either fixed to the back of the panel or to the base of the mounting frame
- Allows Ease of installation of LUMEX LL9P123 series panels
- After fixing, the NovaBlade just drops into the frame and self centres
- Safety cables and provision for frame earthing provided
- Provision for safety screws to be fitted to prevent unwanted removal of panel
- Seven Year Warranty

## Physical

Length:	1200mm
Width:	343mm
Height:	50mm
Weight:	3.00kg
Opening:	1197mm x 277mm

## Construction

Colour Finish:	White Satin Powdercoat
Material:	0.8mm Zinc Anneal



## Catalogue Number Guide: NovaBlade Surface Mount

Example: NovaBlade, 1200mm x 300mm, Surface Mounting Frame LL9P123SK

Product Group		Group Designation		Frame Size		Mount Fixture Type	
Light Sources	LL9	Panels	P	1200 x 300	123	Surface Mount Frame	SK

Specifications subject to change without notice.



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# NovaBlade™ Surface Mount

LL9P126SFK Series NovaBlade Mounting Accessories



## NovaBlade Surface Mount Frame Features at a Glance

- For surface mounting NovaBlade panels where the driver cannot be recessed
- Driver fits behind the panels either fixed to the back of the panel or to the base of the mounting frame
- Allows Ease of installation of LUMEX LL9P126 series panels
- After fixing, the NovaBlade just drops into the frame and self centres
- Safety cables and provision for frame earthing provided
- Provision for screws to be fitted to prevent unwanted removal of panel
- Seven Year Warranty

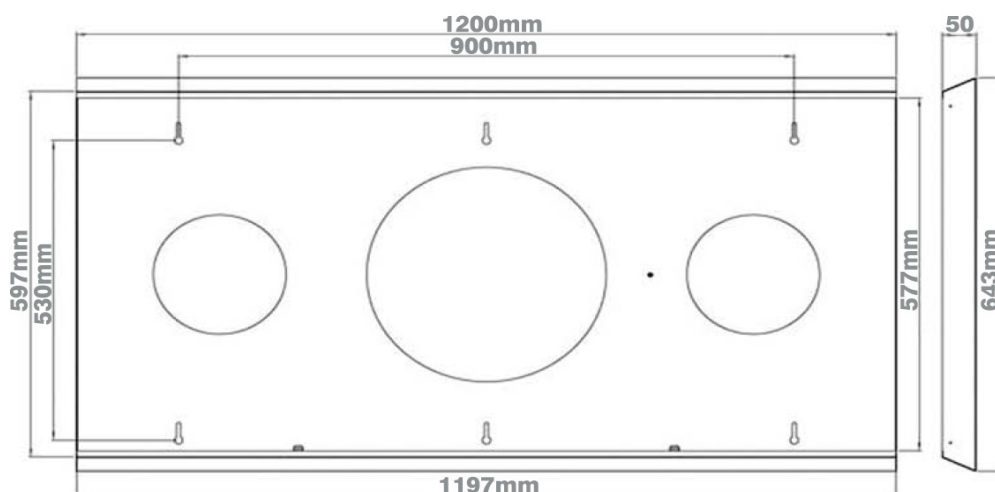


## Physical

Length:	1200mm
Width:	643mm
Height:	50mm
Weight:	5.50kg
Opening:	1197mm x 577mm

## Construction

Colour Finish:	White Satin Powdercoat
Material:	0.8mm Zinc Anneal



## Catalogue Number Guide: NovaBlade Surface Mount

Example: NovaBlade, 1200mm x 600mm, Surface Mounting Frame LL9P126SK

Product Group	Group Designation	Frame Size	Mount Fixture Type
Light Sources	LL9 Panels P	1200 x 600 126	Surface Mount Frame SK

Specifications subject to change without notice.



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## LoadSmart™ Gen2

Excellent in-line dimmer, the first designed specifically for LED.

Selectable features:

- Dimming mode
- Restrike
- LED indicator
- Minimum dim setting

Ideal for general applications up to 450W in both one way or two way switching applications. A control switch is required.



## LoadSmart™ Solo

Excellent in-line dimmer with performance equivalent to Gen2 and with an integral Push On/Push Off switch.

Selectable features:

- Dimming mode
- Restrike
- LED indicator
- Minimum dim setting

Ideal for general applications up to 450W in both one way switching applications. A control switch is not required.



## LoadSmart™ Driver Direct

Dimming controller for larger LED loads compatible with 1-10V technology.

An off-line controller with no direct load limitations. Requires a control switch.



## LoadSmart Series

	LT1D450LSWE	LT1DS450LSWE	LT1D110WE
	Requires additional control switch	No additional control switch	1-10V Controller
	Suitable for 1 way and 2 way switching	Suitable for 1 way switching	Not for connection to circuit wiring
Specifications	Gen2	Solo	Driver Direct
Power requirements	220-270V~ 50 Hz 450W (See note)	220-270V~ 50 Hz 450W (See note)	60vdc 50ma max
Minimum load	1W	1W	Not applicable
Dimming Operation	Auto select load suitability and selectable Trailing Edge	Auto select load suitability and selectable Trailing Edge	1-10V
Environmental	-20-65° C, <85% Humidity	-20-65° C, <85% Humidity	0-45° C
Derating	Not generally required (See note)	Not generally required (See note)	Not applicable
Overttemperature protection	Manual reset Turn Off and On after one minute	Manual reset Turn Off and On after one minute	Not applicable
Network compatibility	Immune to Ripple Frequency interference	Immune to Ripple Frequency interference	Not applicable
Compatible Loads	Dimmable LED, Incandescent, and Dimmable Electronic transformer	Dimmable LED, Incandescent, and Dimmable Electronic transformer	1-10V dimmable products
Non Compatible Loads	Incandescent, non dimmable LED, Iron core transformers, and small motor loads,	Incandescent, non dimmable LED, Iron core transformers, and small motor loads,	Non 1-10V products
Product Approvals	All relevant Australian Standards	All relevant Australian Standards	All relevant Australian Standards

Note: Dimming efficacy, maximum load and de-rating requirements are based on Lumex products, and are equally applicable to a broad range of products available in the market. However, Lumex cannot guarantee LoadSmart products will be 100% compatible with every LED product on offer. Always refer to lighting manufacturer's recommendations for dimming suitability.

## Zero in on better value with Lumex Application Focus Series



LSX3052016

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# LoadSmart™ Great Dimming Now three easy LED options



Unswitched



Self Switched



1-10V Control

## LED dimming excellence



# LoadSmart one, two and three

## Three easy pick options for smooth reliable LED dimming



Now there are three great LoadSmart options to choose from, a LoadSmart for every occasion.

LoadSmart Gen2, Australia’s most trusted LED dimmer, has now been joined by LoadSmart Solo, an equally excellent space saving self switched dimmer, and LoadSmart Driver Direct, a 1-10V compatible solution for dimming higher wattage fixtures.

### The LoadSmart story

LoadSmart led the way with the first digital dimmer designed specifically for LED. It was an immediate success and showed no one knows more about dimming LEDs than Australia’s specialist LED manufacturer.

### LoadSmart Gen2

We followed it up with an even better version – the same great dimming with the ground breaking addition of four selectable options.

### LoadSmart Solo

The new LoadSmart Solo has all the great features and options of LoadSmart Gen2 with the addition of an integral Push On/Push Off switch. This means a control switch is no longer required and up to 6 dimmers can now fit on a standard sized plate.

### LoadSmart Driver Direct

Driver Direct adds a new dimming dimension. It skirts around the load limitations of in-line dimmers by using 1-10V technology to control the driver output directly. It provides smooth and consistent dimming without any wattage restriction or limitation on the number of fixtures. Additional wiring and 1-10V compatible drivers are required.

### Proven performance, meaningful warranty

Lumex led the way with LED performance and with LED warranty, and the Lumex 7 year warranty still rates as the most meaningful and dependable. Read all about our Seven Year LED Warranty at [lumexlighting.com.au](http://lumexlighting.com.au)

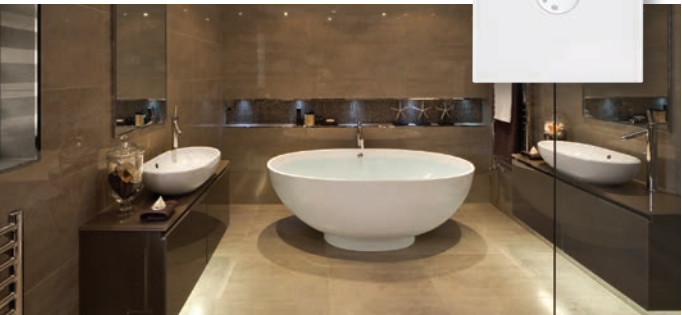
## LoadSmart™ Gen2

### Australia’s most trusted

The original LoadSmart changed LED dimming forever. The Gen2 upgrade adds sophistication, selectability and a new raft of features. LoadSmart Gen2 remains Australia’s most trusted LED dimmer, a dimmer that offers unmatched features and performance, a dimmer that offers unmatched value for money.

### Key features

- Smooth, even, full range dimming
- Wide compatibility with differing driver designs
- Multi gangs in all configurations
- Selectable mode – auto or trailing edge
- Selectable – Restrike On or Off
- Selectable – Minimum illumination setting
- Selectable – LED indicator On or Off



## LoadSmart™ Solo

### Ready to go it alone

LoadSmart Solo takes all the great LoadSmart Gen2 features and adds Push On/Push Off Switching. This great feature removes the need for a control switch and gives a simpler, cleaner look, and the ability to fit up to six dimmers in a switch plate. Solo’s other great new feature is easy access minimum setting control, now just under the knob.

### Key features

- Push On/Push Off integral switch
- The same great dimming and compatibility
- Multi gangs in all configurations
- Easy access minimum illumination setting
- Selectable mode – auto or trailing edge
- Selectable – Restrike On or Off
- Selectable – LED indicator On or Off
- Direct connect terminals



## LoadSmart™ Driver Direct

### Go direct to the source

Dimming larger wattage LEDs can be a challenge. Traditional in-line dimming just doesn’t cut it. Driver Direct skirts the in-line issue and takes control straight to the driver. Driver Direct harnesses 1-10V technology to provide smooth and consistent dimming even in the most challenging load situations. If wattage is the problem, the solution is Driver Direct.

(Note: Driver Direct requires a control switch, extra wiring and 1-10V compatible drivers)

### Key features

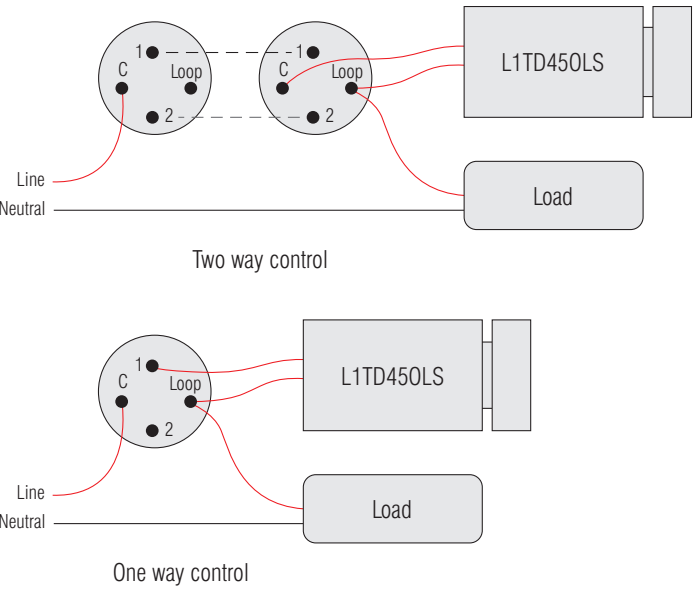
- Directly controls driver output stage
- Smooth and consistent dimming
- No limitation on fixture wattage
- No limitation of fixture numbers
- Minimum setting adjustment



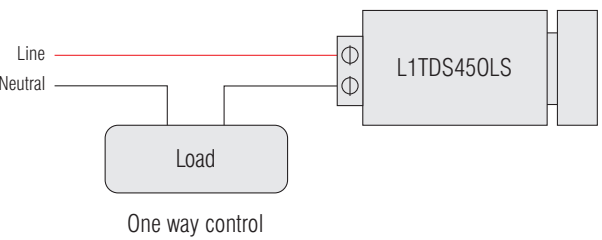
## Installation Considerations

Different applications and different solutions do bring some variations in the installation process, particularly with Driver Direct.

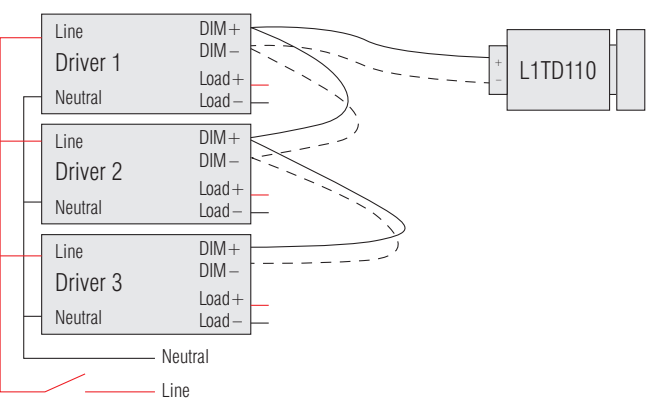
### LoadSmart Gen2 Installation



### LoadSmart Solo Installation



### LoadSmart Driver Direct Installation



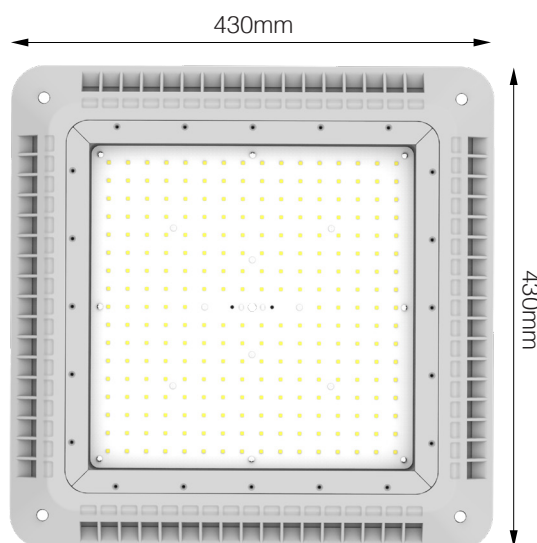
Control On/Off with switch in circuit wiring.  
Control dimming with low voltage side.  
Drivers must be 1-10V compatible.

## LL3CL Series LED Canopy



## Canopy Features at a Glance

- Range: 60W to 150W, 9,000Lm to 22,500Lm
- Up to 150Lm/W
- LM80 projected LED life > 50,000 hours
- Ultra slim design, die cast housing, flat glass lens
- Surge protection up to 10kV
- ATEX approved for explosive dust and gas atmospheres
- IP65 protection rating
- IK10 impact protection rating
- 1-10V dimming capability as standard
- Colour temperatures: 4000K and 5000K
- Beam angle 120°
- HiColour CRI > 80
- Fixture colour: White
- Various mounting options: Recessed and Surface Mount
- Fully Australian approved
- Seven year warranty



## Dimming and Control

Canopy products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.



## Unrivalled Efficiency

Canopy products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 150Lm/W.

## Catalogue Number Guide: Skybay Canopy

**Example:** Skybay Canopy, 60W, 120° Beam Angle, 5000K, White Fixture **LL3CL60C**

Product Group		Group Designation		Dimmable		Wattage		Colour Temperature		Fixture Colour		Fixture Mounting	
Floodlight	LL3	Canopy Light	CL	1-10V Dimmable		60W	60	Cool White (5000K)	C	White		Recessed	R
				DALI	DD	150W	150	Natural White (4000K)	N			Surface	S



# Skybay Canopy

LL3CL Series LED Canopy



## Physical

Length: 430mm  
Width: 430mm

### Recessed Installation

Height below ceiling: 25mm  
Overall Height: 111.5mm  
Weight: 8kg

### Surface Mount Installation

Height below ceiling: 25mm  
Overall Height: 96.5mm  
Weight: 7.07kg

## Control and Programming

Dimming: 1-10V

## Construction

Colour: White  
Body: Die Cast  
Impact Rating: IK10  
Protection Rating: IP65

## Connection

Power Connection: Flex and Plug

## Output

Luminous Flux: 9,000Lm to 22,500Lm  
Efficacy: up to 150Lm/W  
Beam Angle: 120°  
CRI: >80

## Electrical

Input Voltage: 220-240 Vac  
Typical Total Power: 60W to 150W  
Power Factor: 0.90  
Surge Protection: up to 10kV

## Thermal

Storage Temperature: -40°C to +80°C  
Operating Range Ta: -20°C to +55°C at full load.  
Up to 70°C at 60% load  
Working Humidity (non-condensing): 20-95%

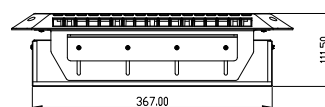
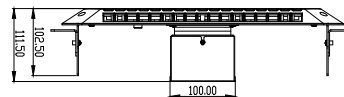
## Hazardous Area Compliance

Dust: Ex tb IIIC T4 Db  
Gas: Ex d IIC T4 Gb

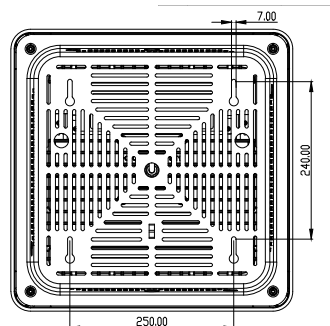
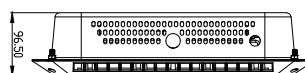
## Certificates

ATEX: EN 60079.0:2012,  
EN 60079.1:2015,  
EN 60079.31:2014  
EMC: AS/NZS CISPR15 (C-Tick)  
Electrical Safety: AS/NZS 60598.2.1

## Recessed Installation



## Surface Mount



Specifications subject to change without notice.



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# Linear HighBay

LL2LBA2 Series LED Linear HighBay



## Linear HighBay Features at a Glance

- Range: 13,500Lm, 90W
- Up to 150Lm/W
- LM80 projected LED life > 100,000 hours
- Beam angle 40°/80° or 50°/130°
- Colour rendering CRI > 75
- IP65 Protection rating - ideal for outdoor (all weather) locations
- IK08 impact rating
- Aluminium alloy with PMMA lens
- Suspension Kit included (Surface Mounting Bracket optional)
- 1.5m of UV Resistant flex and plug
- Optional motion sensor
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

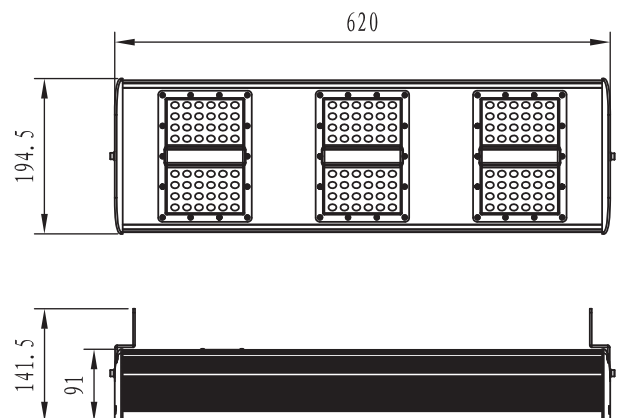
Linear HighBay products have a 1-10V dimming option available.

## Unrivalled Efficiency

Linear HighBay products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 150Lm/W.

## Environment and Safety

Linear HighBay products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear HighBay

Example: Lumex Linear HighBay, 90W, 40°/80° Beam Angle, Cool White (5000K), Silver Fixture **LL2LBA290CS**

Surface Mount Bracket: **LL2LBA2-BRACKET**

Suspension Kit: **LL2LBA2-SUSP**

Product Group		Group Designation		Dimmable		Watts		Colour Temperature		Fixture Colour	
Skybay	LL2	LED Linear Highbay Generation 2	LBA2	Non Dimmable		90W	90	5000K	C	Silver	S
				1-10V Dimmable	D			4000K	N	Black	B
								3000K	W3		



# Linear HighBay

LL2LBA2 Series LED Linear HighBay



## Physical

Length:	620mm
Width:	194.5mm
Height:	91mm
Height (w/ bracket):	141.5mm
Weight:	4.7kg ± 0.4kg

## Construction

Colour:	Silver or Black
Body:	Zinc plated steel and aluminium
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection or 1.5M UV Resistant flex and plug
-------------------	--

## Output

Luminous Flux 5000K:	13,500Lm
Efficacy:	up to 150Lm/W
Beam Angle:	40°/80° or 50°/130°
CRI:	>75

## Electrical

Input Voltage:	220-240 Vac
Output Current:	2,300 mA
Typical Total Power:	90W
Power Factor:	0.95

## Thermal

Operating Range Tc:	-40°C to +60°C
Humidity (non-condensing):	15-95%

Specifications subject to change without notice.





# Linear HighBay

LL2LBA2 Series LED Linear HighBay



## Linear HighBay Features at a Glance

- Range: 18,000Lm, 120W
- Up to 150Lm/W
- LM80 projected LED life > 100,000 hours
- Beam angle 40°/80° or 50°/130°
- Colour rendering CRI > 75
- IP65 Protection rating - ideal for outdoor (all weather) locations
- IK08 impact rating
- Aluminium alloy with PMMA lens
- Suspension Kit included (Surface Mounting Bracket optional)
- 1.5m of UV Resistant flex and plug
- Optional motion sensor
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

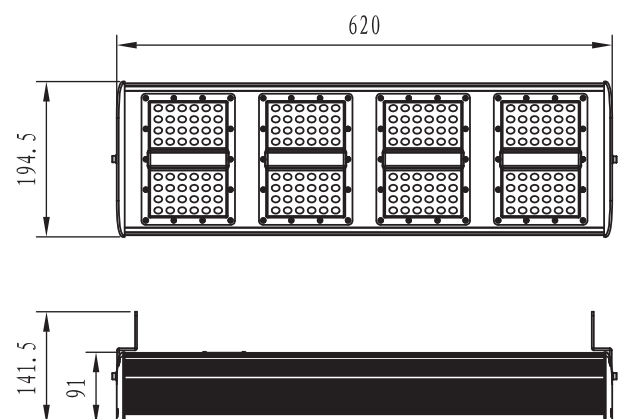
Linear HighBay products have a 1-10V dimming option available.

## Unrivalled Efficiency

Linear HighBay products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 150Lm/W.

## Environment and Safety

Linear HighBay products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear HighBay

Example: Lumex Linear HighBay, 120W, 40°/80° Beam Angle, Cool White (5000K), Silver Fixture **LL2LBA2120CS**

Surface Mount Bracket: **LL2LBA2-BRACKET**

Suspension Kit: **LL2LBA2-SUSP**

Product Group		Group Designation		Dimmable		Watts		Colour Temperature		Fixture Colour	
Skybay	LL2	LED Linear Highbay Generation 2	LBA2	Non Dimmable		120W	120	5000K	C	Silver	S
				1-10V Dimmable	D			4000K	N	Black	B
								3000K	W3		



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# Linear HighBay

LL2LBA2 Series LED Linear HighBay



## Physical

Length:	620mm
Width:	194.5mm
Height:	91mm
Height (w/ bracket):	141.5mm
Weight:	4.7kg ± 0.4kg

## Construction

Colour:	Silver or Black
Body:	Zinc plated steel and aluminium
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection or 1.5M UV Resistant flex and plug
-------------------	--

## Output

Luminous Flux 5000K:	18,000Lm
Efficacy:	up to 150Lm/W
Beam Angle:	40°/80° or 50°/130°
CRI:	>75

## Electrical

Input Voltage:	220-240 Vac
Output Current:	2,300 mA
Typical Total Power:	120W
Power Factor:	0.95

## Thermal

Operating Range Tc:	-40°C to +60°C
Humidity (non-condensing):	15-95%

Specifications subject to change without notice.



# Linear HighBay

LL2LBA2 Series LED Linear HighBay



## Linear HighBay Features at a Glance

- Range: 22,500Lm, 150W
- Up to 150Lm/W
- LM80 projected LED life > 100,000 hours
- Beam angle 40°/80° or 50°/130°
- Colour rendering CRI > 75
- IP65 Protection rating - ideal for outdoor (all weather) locations
- IK08 impact rating
- Aluminium alloy with PMMA lens
- Suspension Kit included (Surface Mounting Bracket optional)
- 1.5m of UV Resistant flex and plug
- Optional motion sensor
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

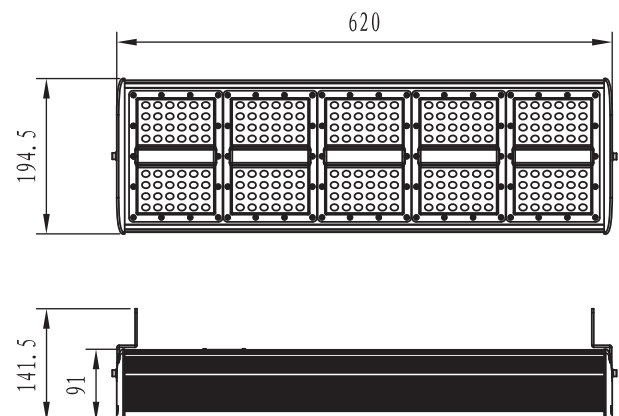
Linear HighBay products have a 1-10V dimming option available.

## Unrivalled Efficiency

Linear HighBay products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 150Lm/W.

## Environment and Safety

Linear HighBay products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear HighBay

Example: Lumex Linear HighBay, 150W, 40°/80° Beam Angle, Cool White (5000K), Silver Fixture **LL2LBA2150CS**

Surface Mount Bracket: **LL2LBA2-BRACKET**

Suspension Kit: **LL2LBA2-SUSP**

Product Group		Group Designation		Dimmable		Watts		Colour Temperature		Fixture Colour	
Skybay	LL2	LED Linear Highbay Generation 2	LBA2	Non Dimmable		150W	150	5000K	C	Silver	S
				1-10V Dimmable	D			4000K	N	Black	B
								3000K	W3		



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# Linear HighBay

LL2LBA2 Series LED Linear HighBay



## Physical

Length:	620mm
Width:	194.5mm
Height:	91mm
Height (w/ bracket):	141.5mm
Weight:	6.2kg ± 0.4kg

## Construction

Colour:	Silver or Black
Body:	Zinc plated steel and aluminium
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection or 1.5M UV Resistant flex and plug
-------------------	--

## Output

Luminous Flux 5000K:	22,500Lm
Efficacy:	up to 150Lm/W
Beam Angle:	40°/80° or 50°/130°
CRI:	>75

## Electrical

Input Voltage:	220-240 Vac
Output Current:	2,300 mA
Typical Total Power:	150W
Power Factor:	0.95

## Thermal

Operating Range Tc:	-40°C to +60°C
Humidity (non-condensing):	15-95%

Specifications subject to change without notice.



# Linear HighBay

LL2LBA2 Series LED Linear HighBay



## Linear HighBay Features at a Glance

- Range: 27,000Lm, 180W
- Up to 150Lm/W
- LM80 projected LED life > 100,000 hours
- Beam angle 40°/80° or 50°/130°
- Colour rendering CRI > 75
- IP65 Protection rating - ideal for outdoor (all weather) locations
- IK08 impact rating
- Aluminium alloy with PMMA lens
- Suspension Kit included (Surface Mounting Bracket optional)
- 1.5m of UV Resistant flex and plug
- Optional motion sensor
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

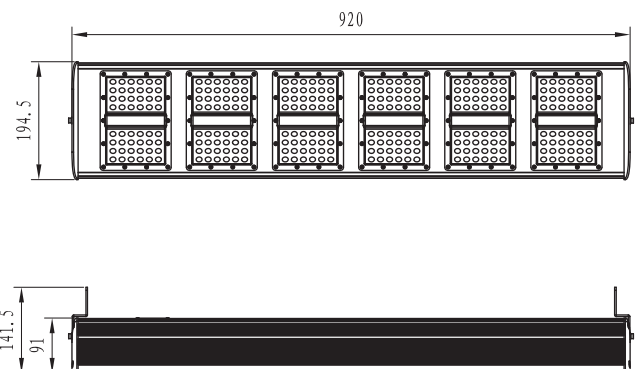
Linear HighBay products have a 1-10V dimming option available.

## Unrivalled Efficiency

Linear HighBay products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 150Lm/W.

## Environment and Safety

Linear HighBay products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear HighBay

**Example:** Lumex Linear HighBay, 180W, 40°/80° Beam Angle, Cool White (5000K), Silver Fixture **LL2LBA2180CS**

Surface Mount Bracket: **LL2LBA2-BRACKET**

Suspension Kit: **LL2LBA2-SUSP**

Product Group		Group Designation		Dimmable		Watts		Colour Temperature		Fixture Colour	
Skybay	LL2	LED Linear Highbay Generation 2	LBA2	Non Dimmable		180W	180	5000K	C	Silver	S
				1-10V Dimmable	D			4000K	N	Black	B
								3000K	W3		



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# Linear HighBay

LL2LBA2 Series LED Linear HighBay



## Physical

Length:	920mm
Width:	194.5mm
Height:	91mm
Height (w/ bracket):	141.5mm
Weight:	6.3kg ± 0.4kg

## Construction

Colour:	Silver or Black
Body:	Zinc plated steel and aluminium
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection or 1.5M UV Resistant flex and plug
-------------------	--

## Output

Luminous Flux 5000K:	27,000Lm
Efficacy:	up to 150Lm/W
Beam Angle:	40°/80° or 50°/130°
CRI:	>75

## Electrical

Input Voltage:	220-240 Vac
Output Current:	2,300 mA
Typical Total Power:	180W
Power Factor:	0.95

## Thermal

Operating Range Tc:	-40°C to +60°C
Humidity (non-condensing):	15-95%

Specifications subject to change without notice.



# Linear HighBay

LL2LBA2 Series LED Linear HighBay



## Linear HighBay Features at a Glance

- Range: 27,000Lm, 180W
- Up to 150Lm/W
- Projected Lifetime L80B10: 127,000 hours
- Beam angle 40°/80° or 50°/130°
- Colour rendering CRI > 75
- IP65 Protection rating - ideal for outdoor (all weather) locations
- IK08 impact rating
- Aluminium alloy with PMMA lens
- Suspension Kit included (Surface Mounting Bracket optional)
- 1.5m of UV Resistant flex and plug
- Optional motion sensor
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

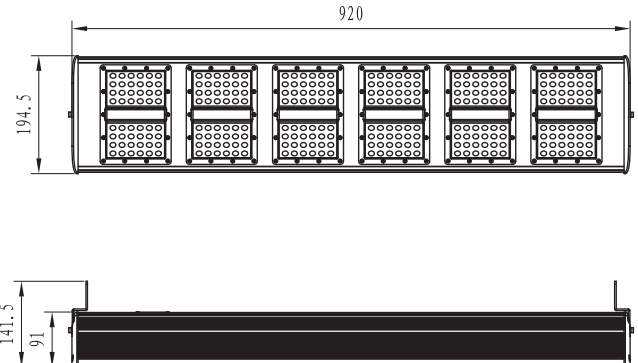
Linear HighBay products have a 1-10V dimming option available.

## Unrivalled Efficiency

Linear HighBay products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 150Lm/W.

## Environment and Safety

Linear HighBay products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear HighBay

Example: Lumex Linear HighBay, 180W, 40°/80° Beam Angle, Cool White (5000K), Silver Fixture **LL2LBA2180CS**

Surface Mount Bracket: **LL2LBA2-BRACKET**

Suspension Kit: **LL2LBA2-SUSP**

Product Group		Group Designation		Dimmable		Watts		Colour Temperature		Fixture Colour	
Skybay	LL2	LED Linear Highbay Generation 2	LBA2	Non Dimmable		180W	180	5000K	C	Silver	S
				1-10V Dimmable	D			4000K	N	Black	B
								3000K	W3		



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# Linear HighBay

LL2LBA2 Series LED Linear HighBay



## Physical

Length:	920mm
Width:	194.5mm
Height:	91mm
Height (w/ bracket):	141.5mm
Weight:	6.3kg ± 0.4kg

## Construction

Colour:	Silver or Black
Body:	Zinc plated steel and aluminium
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection or 1.5M UV Resistant flex and plug
-------------------	--

## Output

Luminous Flux 5000K:	27,000Lm
Efficacy:	up to 150Lm/W
Beam Angle:	40°/80° or 50°/130°
CRI:	>75

## Electrical

Input Voltage:	220-240 Vac
Output Current:	2,300 mA
Typical Total Power:	180W
Power Factor:	0.95

## Thermal

Operating Range Tc:	-40°C to +60°C
Humidity (non-condensing):	15-95%

Specifications subject to change without notice.



# Linear HighBay

LL2LBA2 Series LED Linear HighBay



## Linear HighBay Features at a Glance

- Range: 31,500Lm, 210W
- Up to 150Lm/W
- LM80 projected LED life > 100,000 hours
- Beam angle 40°/80° or 50°/130°
- Colour rendering CRI > 75
- IP65 Protection rating - ideal for outdoor (all weather) locations
- IK08 impact rating
- Aluminium alloy with PMMA lens
- Suspension Kit included (Surface Mounting Bracket optional)
- 1.5m of UV Resistant flex and plug
- Optional motion sensor
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

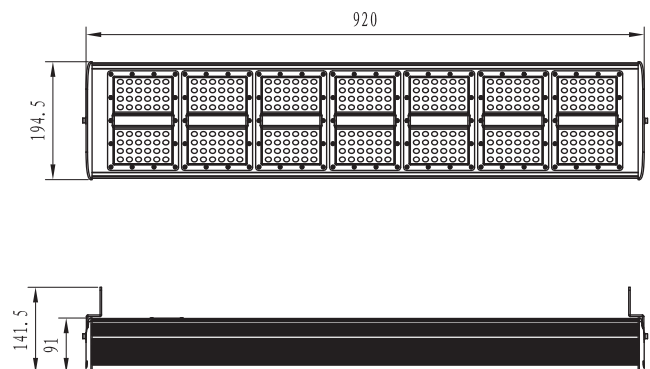
Linear HighBay products have a 1-10V dimming option available.

## Unrivalled Efficiency

Linear HighBay products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 150Lm/W.

## Environment and Safety

Linear HighBay products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear HighBay

Example: Lumex Linear HighBay, 210W, 40°/80° Beam Angle, Cool White (5000K), Silver Fixture **LL2LBA2210CS**

Surface Mount Bracket: **LL2LBA2-BRACKET**

Suspension Kit: **LL2LBA2-SUSP**

Product Group		Group Designation		Dimmable		Watts		Colour Temperature		Fixture Colour	
Skybay	LL2	LED Linear Highbay Generation 2	LBA2	Non Dimmable		210W	210	5000K	C	Silver	S
				1-10V Dimmable	D			4000K	N	Black	B
								3000K	W3		



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# Linear HighBay

LL2LBA2 Series LED Linear HighBay



## Physical

Length:	920mm
Width:	194.5mm
Height:	91mm
Height (w/ bracket):	141.5mm
Weight:	8.0kg ± 0.4kg

## Construction

Colour:	Silver or Black
Body:	Zinc plated steel and aluminium
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection or 1.5M UV Resistant flex and plug
-------------------	--

## Output

Luminous Flux 5000K:	31,500Lm
Efficacy:	up to 150Lm/W
Beam Angle:	40°/80° or 50°/130°
CRI:	>75

## Electrical

Input Voltage:	220-240 Vac
Output Current:	2,300 mA
Typical Total Power:	210W
Power Factor:	0.95

## Thermal

Operating Range Tc:	-40°C to +60°C
Humidity (non-condensing):	15-95%

Specifications subject to change without notice.





# Linear HighBay

LL2LBA2 Series LED Linear HighBay



## Linear HighBay Features at a Glance

- Range: 36,000Lm, 240W
- Up to 150Lm/W
- LM80 projected LED life > 100,000 hours
- Beam angle 40°/80° or 50°/130°
- Colour rendering CRI > 75
- IP65 Protection rating - ideal for outdoor (all weather) locations
- IK08 impact rating
- Aluminium alloy with PMMA lens
- Suspension Kit included (Surface Mounting Bracket optional)
- 1.5m of UV Resistant flex and plug
- Optional motion sensor
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

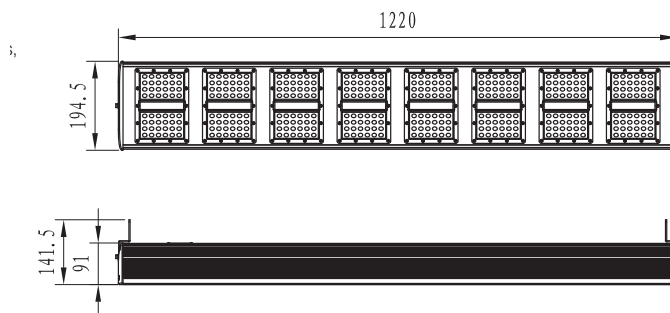
Linear HighBay products have a 1-10V dimming option available.

## Unrivalled Efficiency

Linear HighBay products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 150Lm/W.

## Environment and Safety

Linear HighBay products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear HighBay

Example: Lumex Linear HighBay, 240W, 40°/80° Beam Angle, Cool White (5000K), Silver Fixture **LL2LBA2240CS**

Surface Mount Bracket: **LL2LBA2-BRACKET**

Suspension Kit: **LL2LBA2-SUSP**

Product Group		Group Designation		Dimmable		Watts		Colour Temperature		Fixture Colour	
Skybay	LL2	LED Linear Highbay Generation 2	LBA2	Non Dimmable		240W	240	5000K	C	Silver	S
				1-10V Dimmable	D			4000K	N	Black	B
								3000K	W3		



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# Linear HighBay

LL2LBA2 Series LED Linear HighBay



## Physical

Length:	1220mm
Width:	194.5mm
Height:	91mm
Height (w/ bracket):	141.5mm
Weight:	8.1kg ± 0.4kg

## Construction

Colour:	Silver or Black
Body:	Zinc plated steel and aluminium
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection or 1.5M UV Resistant flex and plug
-------------------	--

## Output

Luminous Flux 5000K:	36,000Lm
Efficacy:	up to 150Lm/W
Beam Angle:	40°/80° or 50°/130°
CRI:	>75

## Electrical

Input Voltage:	220-240 Vac
Output Current:	2,300 mA
Typical Total Power:	240W
Power Factor:	0.95

## Thermal

Operating Range Tc:	-40°C to +60°C
Humidity (non-condensing):	15-95%

Specifications subject to change without notice.



# SkyBay™ 3 SmartSense

LL2LHB3M80 Series Zone Control LED Battens



## SkyBay 3 SmartSense Zone Control Features at a Glance

- Range: 12,000Lm, 80W
- Up to 150Lm/W
- LM80 projected LED life > 100,000 hours
- Colour Temperature: 5000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Cast Aluminium with Black powder coat finish
- IP65 Protection rating - ideal for outdoor (all weather) locations
- IK08 impact rating
- 1.5m of UV Resistant flex and plug
- Integrated Lumex SmartSense Zone Control technology
- Optional bracket for surface mounting
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

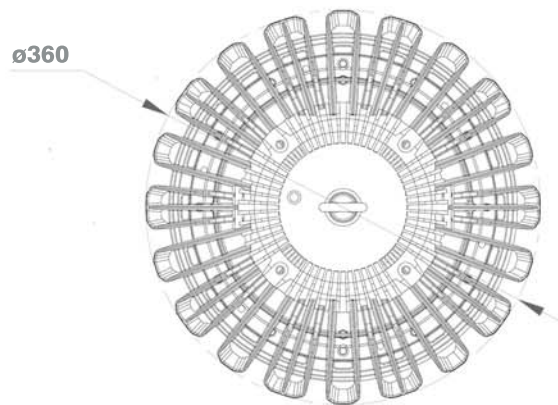
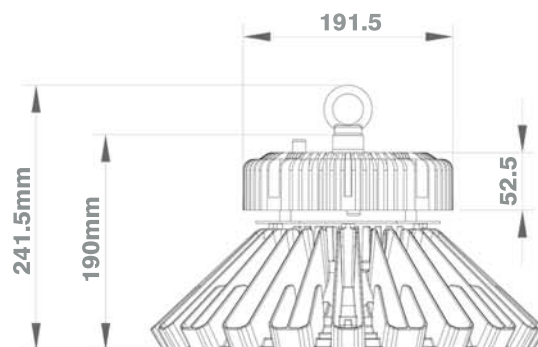
SkyBay 3 SmartSense Zone Control Highbay has the integrated Lumex SmartSense Zone Control technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Unrivalled Efficiency

SkyBay 3 SmartSense Zone Control Highbay products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 150Lm/W.

## Environment and Safety

SkyBay 3 SmartSense Zone Control Highbay products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: SkyBay 3 SmartSense Zone Control

Example: Lumex SkyBay 3 SmartSense Zone Control Highbay, 80W, 120° Beam Angle, 5000K LL2LHB3M80C

Product Group		Group Designation		Dimmable		Watts		Colour Temperature	
Skybay	LL2	LED Highbay 3	LHB3	SmartSense Zone Control	M	80W	80	Cool White (5000K)	C



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# SkyBay™ 3 SmartSense

LL2LHB3M80 Series Zone Control LED Battens



## Physical

**Height:** 241.5mm  
**Height (w/ mounting bracket):** 265mm  
**Diameter:** 360mm  
**Weight:** 5.8kg

## Control and Programming

**Dimming:** Integrated Lumex SmartSense Zone Control technology

## Construction

**Colour:** Black  
**Body:** Die-cast aluminium  
**Lens:** Clear acrylic  
**Impact Rating:** IK08  
**Protection Rating:** IP65

## Connection

**Power Connection:** Direct connection or flex and plug

## Output

**Luminous Flux 5000K:** 12,000Lm  
**Efficacy:** up to 150Lm/W  
**Beam Angle:** 120°  
**CRI:** >80

## Electrical

**Input Voltage:** 220-240 Vac  
**Typical Total Power:** 80W  
**Power Factor:** 0.90

## Thermal

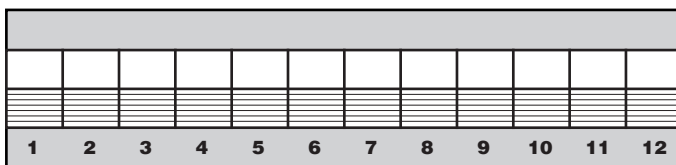
**Storage Temperature:** -20°C to +70°C  
**Operating Range Tc:** -40°C to +60°C  
**Humidity (non-condensing):** 15-95%

## Certificates

**EMC:** AS/NZS CISPR15 (C-Tick)  
**Electrical Safety:** AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched



- 1 - Sensitivity (50-100%)
  - 2, 3 & 4 - Hold time (5sec - 30min)
  - 5, 6 & 7 - Stand By time (5sec - 60min)
  - 8 & 9 - Stand By dim level (10 - 50%)
  - 10, 11 & 12 - Activation threshold (50 - 200lux)
- For further details refer to SmartSense Zone Control Manual

Specifications subject to change without notice.



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# SkyBay™ 3 SmartSense

LL2LHB3M100 Series Zone Control LED Battens



## SkyBay 3 SmartSense Zone Control Features at a Glance

- Range: 15,000Lm, 100W
- Up to 150Lm/W
- LM80 projected LED life > 100,000 hours
- Colour Temperature: 5000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Cast Aluminium with Black powder coat finish
- IP65 Protection rating - ideal for outdoor (all weather) locations
- IK08 impact rating
- 1.5m of UV Resistant flex and plug
- Integrated Lumex SmartSense Zone Control technology
- Optional bracket for surface mounting
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

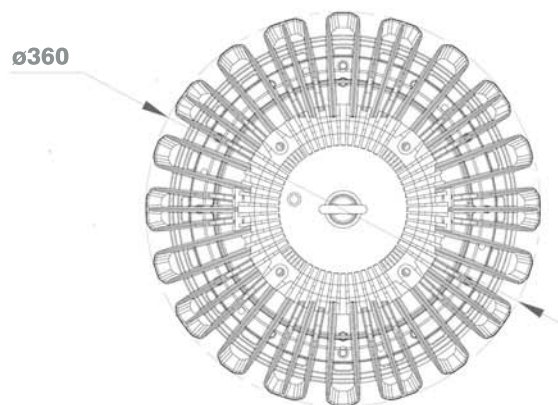
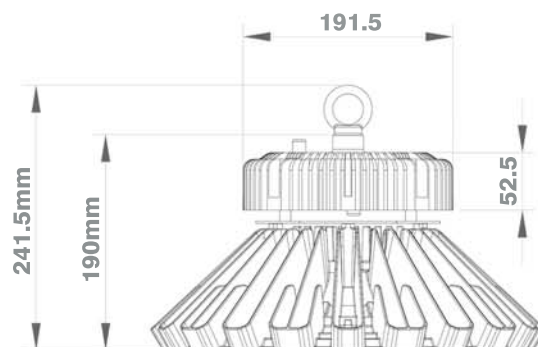
SkyBay 3 SmartSense Zone Control Highbay has the integrated Lumex SmartSense Zone Control technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Unrivalled Efficiency

SkyBay 3 SmartSense Zone Control Highbay products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 150Lm/W.

## Environment and Safety

SkyBay 3 SmartSense Zone Control Highbay products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: SkyBay 3 SmartSense Zone Control

Example: Lumex SkyBay 3 SmartSense Zone Control Highbay, 100W, 120° Beam Angle, 5000K **LL2LHB3M100C**

Product Group		Group Designation		Dimmable		Watts		Colour Temperature	
Skybay	LL2	LED Highbay 3	LHB3	SmartSense Zone Control	M	100W	100	Cool White (5000K)	C



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# SkyBay™ 3 SmartSense

LL2LHB3M100 Series Zone Control LED Battens



## Physical

Height:	241.5mm
Height (w/ mounting bracket):	265mm
Diameter:	360mm
Weight:	5.8kg

## Control and Programming

Dimming:	Integrated Lumex SmartSense Zone Control technology
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## Construction

Colour:	Black
Body:	Die-cast aluminium
Lens:	Clear acrylic
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection or flex and plug
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## Output

Luminous Flux 5000K:	15,000Lm
Efficacy:	up to 150Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	100W
Power Factor:	0.90

## Thermal

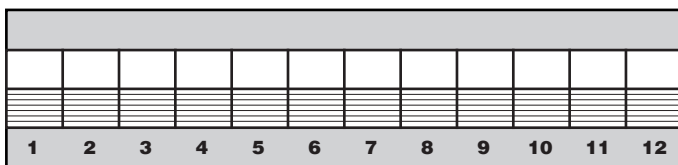
Storage Temperature:	-20°C to +70°C
Operating Range Tc:	-40°C to +60°C
Humidity (non-condensing):	15-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched



- 1 - Sensitivity (50-100%)
  - 2, 3 & 4 - Hold time (5sec - 30min)
  - 5, 6 & 7 - Stand By time (5sec - 60min)
  - 8 & 9 - Stand By dim level (10 - 50%)
  - 10, 11 & 12 - Activation threshold (50 - 200lux)
- For further details refer to SmartSense Zone Control Manual

Specifications subject to change without notice.



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# SkyBay™ 3 SmartSense

LL2LHB3M120 Series Zone Control LED Battens



## SkyBay 3 SmartSense Zone Control Features at a Glance

- Range: 18,000Lm, 120W
- Up to 150Lm/W
- LM80 projected LED life > 100,000 hours
- Colour Temperature: 5000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Cast Aluminium with Black powder coat finish
- IP65 Protection rating - ideal for outdoor (all weather) locations
- IK08 impact rating
- 1.5m of UV Resistant flex and plug
- Integrated Lumex SmartSense Zone Control technology
- Optional bracket for surface mounting
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

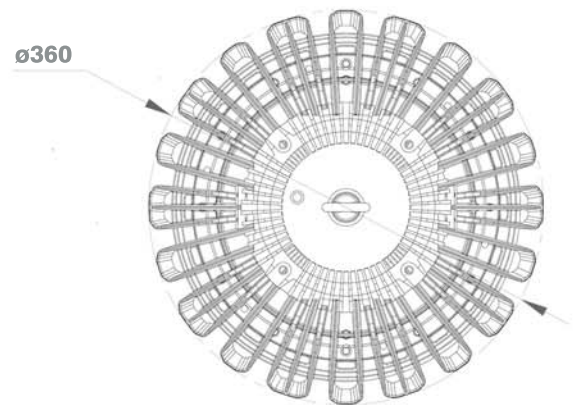
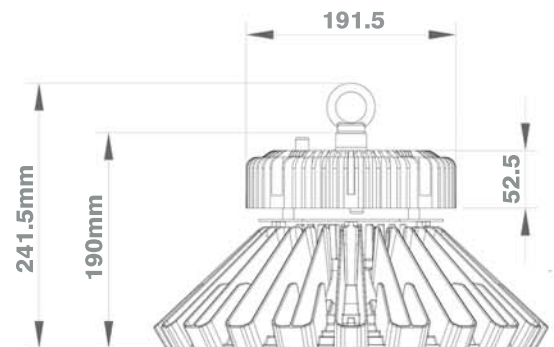
SkyBay 3 SmartSense Zone Control Highbay has the integrated Lumex SmartSense Zone Control technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Unrivalled Efficiency

SkyBay 3 SmartSense Zone Control Highbay products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 150Lm/W.

## Environment and Safety

SkyBay 3 SmartSense Zone Control Highbay products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: SkyBay 3 SmartSense Zone Control

Example: Lumex SkyBay 3 SmartSense Zone Control Highbay, 80W, 120° Beam Angle, 5000K LL2LHB3M120C

Product Group		Group Designation		Dimmable		Watts		Colour Temperature	
Skybay	LL2	LED Highbay 3	LHB3	SmartSense Zone Control	M	120W	120	Cool White (5000K)	C



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## LL2LHB3M120 Series Zone Control LED Battens



**Height:** 241.5mm  
**Height (w/ mounting bracket):** 265mm  
**Diameter:** 360mm  
**Weight:** 5.8kg

**Dimming:** Integrated Lumex SmartSense Zone Control technology

<b>Colour:</b>	Black
<b>Body:</b>	Die-cast aluminium
<b>Lens:</b>	Clear acrylic
<b>Impact Rating:</b>	IK08
<b>Protection Rating:</b>	IP65

**Power Connection:** Direct connection or flex and plug

<b>Luminous Flux 5000K:</b>	18,000Lm
<b>Efficacy:</b>	up to 150Lm/W
<b>Beam Angle:</b>	120°
<b>CRI:</b>	>80

<b>Input Voltage:</b>	220-240 Vac
<b>Typical Total Power:</b>	120W
<b>Power Factor:</b>	0.90

<b>Storage Temperature:</b>	-20°C to +70°C
<b>Operating Range Tc:</b>	-40°C to +60°C
<b>Humidity (non-condensing):</b>	15-95%

<b>EMC:</b>	AS/NZS CISPR15 (C-Tick)
<b>Electrical Safety:</b>	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Zone Control configuration is via a series of DIP switched

1	2	3	4	5	6	7	8	9	10	11	12

- 1 - Sensitivity (50-100%)
- 2, 3 & 4 - Hold time (5sec - 30min)
- 5, 6 & 7 - Stand By time (5sec - 60min)
- 8 & 9 - Stand By dim level (10 - 50%)
- 10, 11 & 12 - Activation threshold (50 - 200lux)

For further details refer to SmartSense Zone Control Manual

Specifications subject to change without notice.



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# SkyBay™ 3 SmartSense

LL4LHB3M150 Series Zone Control LED Battens



## SkyBay 3 SmartSense Zone Control Features at a Glance

- Range: 21,000Lm, 150W
- Up to 150Lm/W
- LM80 projected LED life > 100,000 hours
- Colour Temperature: 5000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Cast Aluminium with Black powder coat finish
- IP65 Protection rating - ideal for outdoor (all weather) locations
- IK08 impact rating
- 1.5m of UV Resistant flex and plug
- Integrated Lumex SmartSense Zone Control technology
- Optional bracket for surface mounting
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

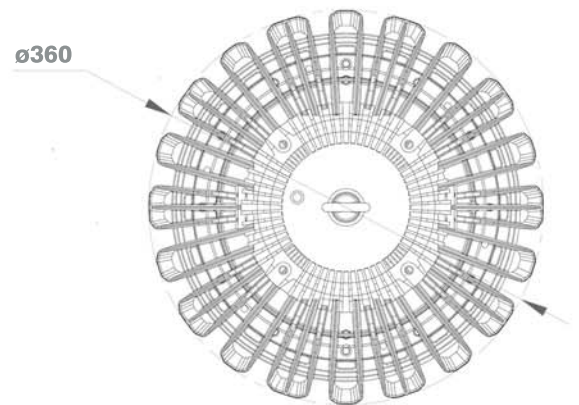
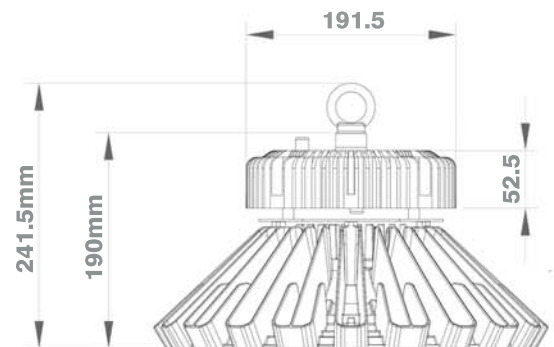
SkyBay 3 SmartSense Zone Control Highbay has the integrated Lumex SmartSense Zone Control technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Unrivalled Efficiency

SkyBay 3 SmartSense Zone Control Highbay products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 150Lm/W.

## Environment and Safety

SkyBay 3 SmartSense Zone Control Highbay products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: SkyBay 3 SmartSense Zone Control

Example: Lumex SkyBay 3 SmartSense Zone Control Highbay, 150W, 120° Beam Angle, 5000K **LL2LHB3M150C**

Product Group		Group Designation		Dimmable		Watts		Colour Temperature	
Skybay	LL2	LED Highbay 3	LHB3	SmartSense Zone Control	M	150W	150	Cool White (5000K)	C



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# SkyBay™ 3 SmartSense

LL2LHB3M150 Series Zone Control LED Battens



## Physical

Height:	241.5mm
Height (w/ mounting bracket):	265mm
Diameter:	360mm
Weight:	5.8kg

## Control and Programming

Dimming:	Integrated Lumex SmartSense Zone Control technology
----------	---

## Construction

Colour:	Black
Body:	Die-cast aluminium
Lens:	Clear acrylic
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection or flex and plug
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## Output

Luminous Flux 5000K:	21,000Lm
Efficacy:	up to 140Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	150W
Power Factor:	0.90

## Thermal

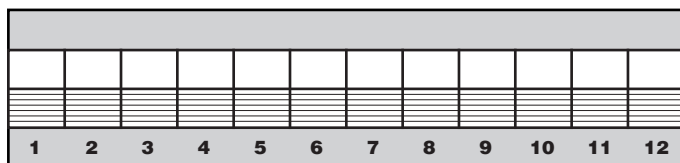
Storage Temperature:	-20°C to +70°C
Operating Range Tc:	-40°C to +60°C
Humidity (non-condensing):	15-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched



- 1 - Sensitivity (50-100%)
  - 2, 3 & 4 - Hold time (5sec - 30min)
  - 5, 6 & 7 - Stand By time (5sec - 60min)
  - 8 & 9 - Stand By dim level (10 - 50%)
  - 10, 11 & 12 - Activation threshold (50 - 200lux)
- For further details refer to SmartSense Zone Control Manual

Specifications subject to change without notice.



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# SkyBay™ 3

LL2LHB3D80 Series LED Battens



## SkyBay 3 Features at a Glance

- Range: 12,000Lm, 80W
- Up to 150Lm/W
- LM80 projected LED life > 100,000 hours
- Colour Temperature: 5000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Cast Aluminium with Black powder coat finish
- IP65 Protection rating - ideal for outdoor (all weather) locations
- IK08 impact rating
- 1.5m of UV Resistant flex and plug
- 1-10V dimming capability as standard
- Optional bracket for surface mounting
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

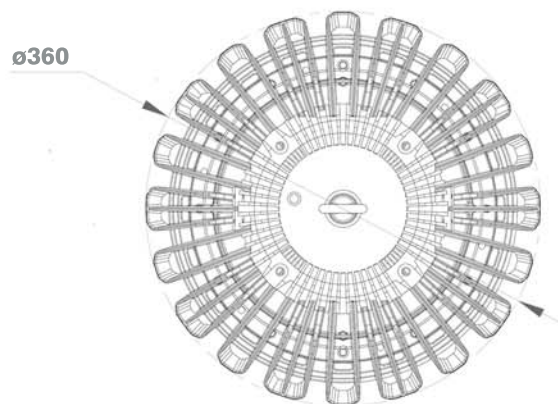
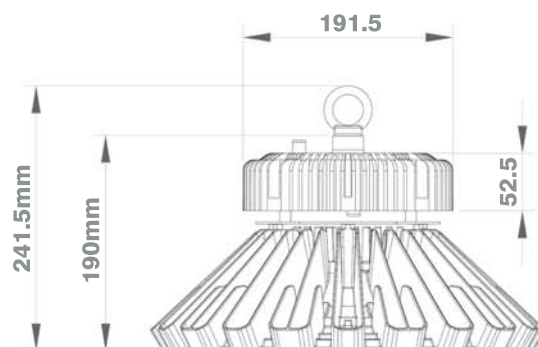
SkyBay 3 products are 1-10V dimmable as standard. DALI dimming optional. Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Unrivalled Efficiency

SkyBay 3 products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 150Lm/W.

## Environment and Safety

SkyBay 3 products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: SkyBay 3

Example: Lumex SkyBay 3, 80W, 1-10V Dimmable, 120° Beam Angle, 4000K LL2LHB3D80C

Product Group		Group Designation		Dimmable		Watts		Colour Temperature		Diffuser	
Skybay	LL2	LED Highbay 3	LHB3	1-10V Dimmable	D	80W	80	5000K	C	Clear	
										Opal	L
										Prismatic	P



# SkyBay™ 3

LL2LHB3D80 Series LED Battens



## Physical

Height:	241.5mm
Height (w/ mounting bracket):	265mm
Diameter:	360mm
Weight:	5.8kg

## Control and Programming

Dimming:	1-10V as standard
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## Construction

Colour:	Black
Body:	Die-cast aluminium
Lens:	Clear acrylic
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection or flex and plug
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## Output

Luminous Flux 5000K:	12,000Lm
Efficacy:	up to 150Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	80W
Power Factor:	0.90

## Thermal

Storage Temperature:	-20°C to +70°C
Operating Range Tc:	-40°C to +60°C
Humidity (non-condensing):	15-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



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# SkyBay™ 3

LL2LHB3D100 Series LED Battens



## SkyBay 3 Features at a Glance

- Range: 15,000Lm, 100W
- Up to 150Lm/W
- LM80 projected LED life > 100,000 hours
- Colour Temperature: 5000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Cast Aluminium with Black powder coat finish
- IP65 Protection rating - ideal for outdoor (all weather) locations
- IK08 impact rating
- 1.5m of UV Resistant flex and plug
- 1-10V dimming capability as standard
- Optional bracket for surface mounting
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

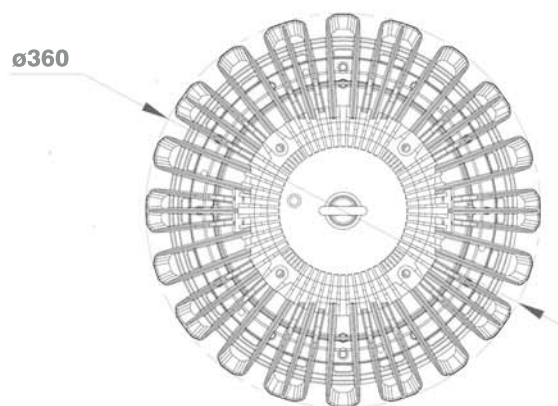
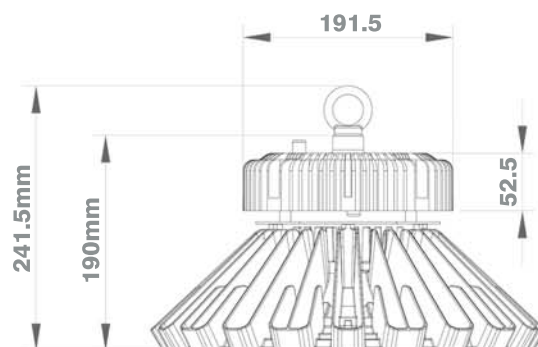
SkyBay 3 products are 1-10V dimmable as standard. DALI dimming optional. Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Unrivalled Efficiency

SkyBay 3 products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 150Lm/W.

## Environment and Safety

SkyBay 3 products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: SkyBay 3

Example: Lumex SkyBay 3, 100W, 1-10V Dimmable, 120° Beam Angle, 4000K LL2LHB3D100C

Product Group		Group Designation		Dimmable		Watts		Colour Temperature		Diffuser	
Skybay	LL2	LED Highbay 3	LHB3	1-10V Dimmable	D	100W	100	5000K	C	Clear	
										Opal	L
										Prismatic	P



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# SkyBay™ 3

LL2LHB3D100 Series LED Battens



## Physical

Height:	241.5mm
Height (w/ mounting bracket):	265mm
Diameter:	360mm
Weight:	5.8kg

## Control and Programming

Dimming:	1-10V as standard
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## Construction

Colour:	Black
Body:	Die-cast aluminium
Lens:	Clear acrylic
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection or flex and plug
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## Output

Luminous Flux 5000K:	15,000Lm
Efficacy:	up to 150Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	100W
Power Factor:	0.90

## Thermal

Storage Temperature:	-20°C to +70°C
Operating Range Tc:	-40°C to +60°C
Humidity (non-condensing):	15-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.





# SkyBay™ 3

LL2LHB3D120 Series LED Battens



## SkyBay 3 Features at a Glance

- Range: 18,000Lm, 120W
- Up to 150Lm/W
- LM80 projected LED life > 100,000 hours
- Colour Temperature: 5000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Cast Aluminium with Black powder coat finish
- IP65 Protection rating - ideal for outdoor (all weather) locations
- IK08 impact rating
- 1.5m of UV Resistant flex and plug
- 1-10V dimming capability as standard
- Optional bracket for surface mounting
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

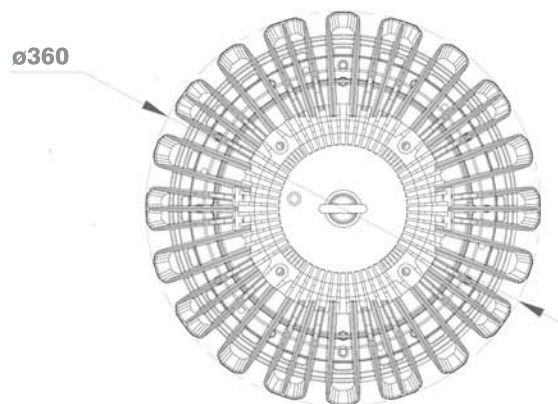
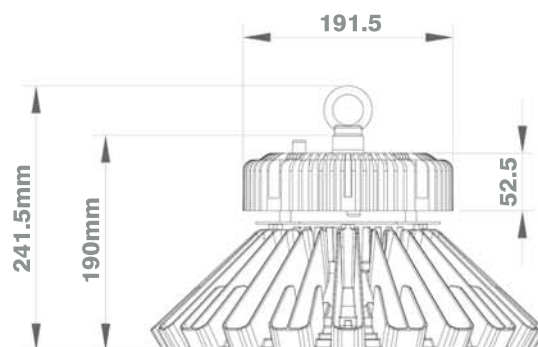
SkyBay 3 products are 1-10V dimmable as standard. DALI dimming optional. Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Unrivalled Efficiency

SkyBay 3 products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 150Lm/W.

## Environment and Safety

SkyBay 3 products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: SkyBay 3

Example: Lumex SkyBay 3, 120W, 1-10V Dimmable, 120° Beam Angle, 4000K LL2LHB3D120C

Product Group		Group Designation		Dimmable		Watts		Colour Temperature		Diffuser	
Skybay	LL2	LED Highbay 3	LHB3	1-10V Dimmable	D	120W	120	5000K	C	Clear	
										Opal	L
										Prismatic	P



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# SkyBay™ 3

LL2LHB3D120 Series LED Battens



## Physical

Height:	241.5mm
Height (w/ mounting bracket):	265mm
Diameter:	360mm
Weight:	5.8kg

## Control and Programming

Dimming:	1-10V as standard
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## Construction

Colour:	Black
Body:	Die-cast aluminium
Lens:	Clear acrylic
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection or flex and plug
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## Output

Luminous Flux 5000K:	18,000Lm
Efficacy:	up to 150Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	120W
Power Factor:	0.90

## Thermal

Storage Temperature:	-20°C to +70°C
Operating Range Tc:	-40°C to +60°C
Humidity (non-condensing):	15-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



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# SkyBay™ 3

LL2LHB3D150 Series LED Battens



## SkyBay 3 Features at a Glance

- Range: 21,000Lm, 150W
- Up to 140Lm/W
- LM80 projected LED life > 100,000 hours
- Colour Temperature: 5000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Cast Aluminium with Black powder coat finish
- IP65 Protection rating - ideal for outdoor (all weather) locations
- IK08 impact rating
- 1.5m of UV Resistant flex and plug
- 1-10V dimming capability as standard
- Optional bracket for surface mounting
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

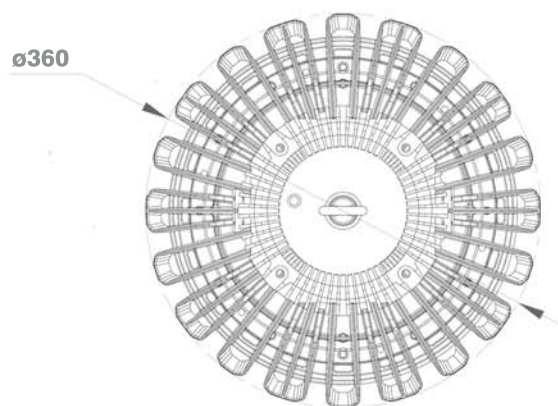
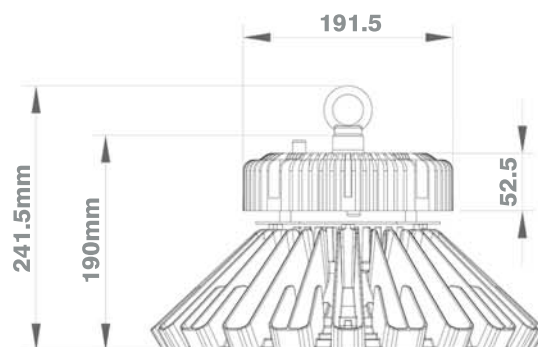
SkyBay 3 products are 1-10V dimmable as standard. DALI dimming optional. Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Unrivalled Efficiency

SkyBay 3 products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 140Lm/W.

## Environment and Safety

SkyBay 3 products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: SkyBay 3

Example: Lumex SkyBay 3, 150W, 1-10V Dimmable, 120° Beam Angle, 4000K LL2LHB3D150C

Product Group		Group Designation		Dimmable		Watts		Colour Temperature		Diffuser	
Skybay	LL2	LED Highbay 3	LHB3	1-10V Dimmable	D	150W	150	5000K	C	Clear	
										Opal	L
										Prismatic	P



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# SkyBay™ 3

LL2LHB3D150 Series LED Battens



## Physical

Height:	241.5mm
Height (w/ mounting bracket):	265mm
Diameter:	360mm
Weight:	5.8kg

## Control and Programming

Dimming:	1-10V as standard
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## Construction

Colour:	Black
Body:	Die-cast aluminium
Lens:	Clear acrylic
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection or flex and plug
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## Output

Luminous Flux 5000K:	21,000Lm
Efficacy:	up to 140Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	150W
Power Factor:	0.90

## Thermal

Storage Temperature:	-20°C to +70°C
Operating Range Tc:	-40°C to +60°C
Humidity (non-condensing):	15-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



# SkyBay™ 3

LL2LHB3D180 Series LED Battens



## SkyBay 3 Features at a Glance

- Range: 25,200Lm, 180W
- Up to 140Lm/W
- LM80 projected LED life > 100,000 hours
- Colour Temperature: 5000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Cast Aluminium with Black powder coat finish
- IP65 Protection rating - ideal for outdoor (all weather) locations
- IK08 impact rating
- 1.5m of UV Resistant flex and plug
- 1-10V dimming capability as standard
- Optional bracket for surface mounting
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

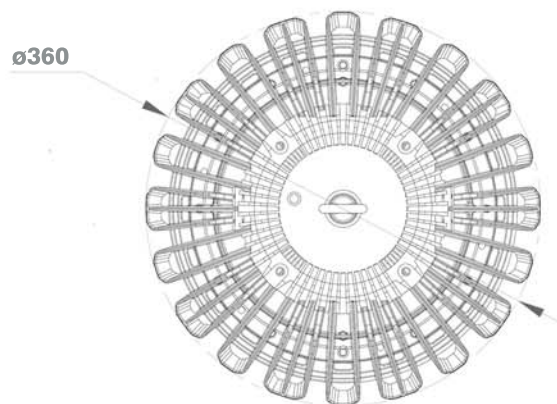
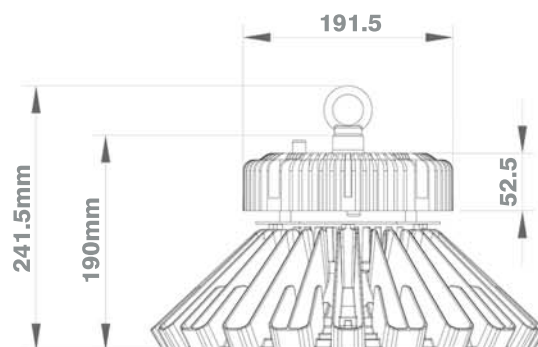
SkyBay 3 products are 1-10V dimmable as standard. DALI dimming optional. Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Unrivalled Efficiency

SkyBay 3 products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 140Lm/W.

## Environment and Safety

SkyBay 3 products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: SkyBay 3

Example: Lumex SkyBay 3, 180W, 1-10V Dimmable, 120° Beam Angle, 4000K LL2LHB3D180C

Product Group		Group Designation		Dimmable		Watts		Colour Temperature		Diffuser	
Skybay	LL2	LED Highbay 3	LHB3	1-10V Dimmable	D	180W	180	5000K	C	Clear	
										Opal	L
										Prismatic	P



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# SkyBay™ 3

LL2LHB3D180 Series LED Battens



## Physical

Height:	241.5mm
Height (w/ mounting bracket):	265mm
Diameter:	360mm
Weight:	5.8kg

## Control and Programming

Dimming:	1-10V as standard
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## Construction

Colour:	Black
Body:	Die-cast aluminium
Lens:	Clear acrylic
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection or flex and plug
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## Output

Luminous Flux 5000K:	25,200Lm
Efficacy:	up to 140Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	180W
Power Factor:	0.90

## Thermal

Storage Temperature:	-20°C to +70°C
Operating Range Tc:	-40°C to +60°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



# SkyBay™ 3

LL2LHB3D200 Series LED Battens



## SkyBay 3 Features at a Glance

- Range: 25,200Lm, 180W
- Up to 140Lm/W
- LM80 projected LED life > 100,000 hours
- Colour Temperature: 5000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Cast Aluminium with Black powder coat finish
- IP65 Protection rating - ideal for outdoor (all weather) locations
- IK08 impact rating
- 1.5m of UV Resistant flex and plug
- 1-10V dimming capability as standard
- Optional bracket for surface mounting
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

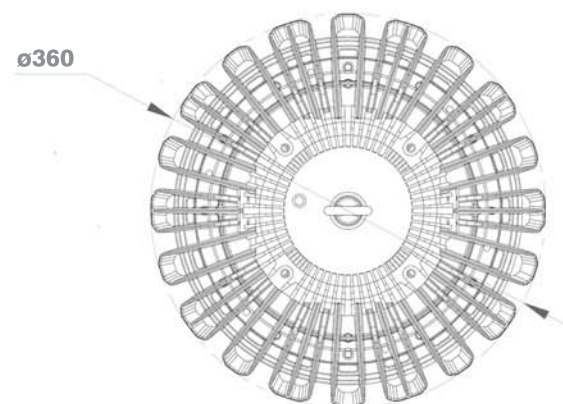
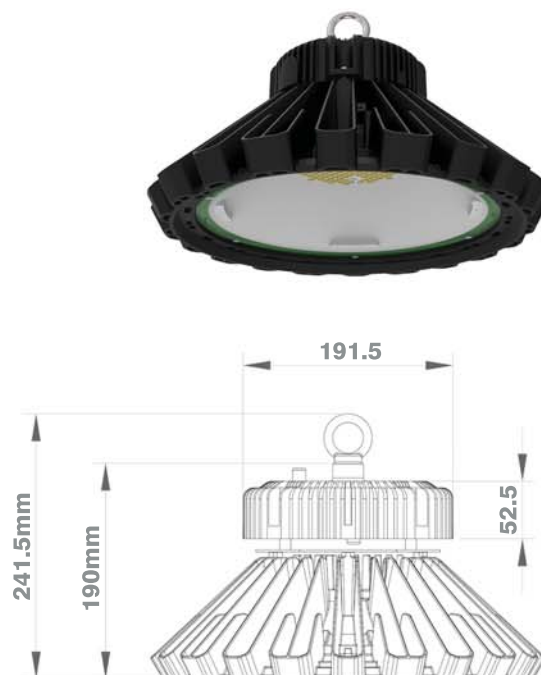
SkyBay 3 products are 1-10V dimmable as standard. DALI dimming optional. Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Unrivalled Efficiency

SkyBay 3 products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 140Lm/W.

## Environment and Safety

SkyBay 3 products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: SkyBay 3

Example: Lumex SkyBay 3, 200W, 1-10V Dimmable, 120° Beam Angle, 4000K LL2LHB3D200C

Product Group		Group Designation		Dimmable		Watts		Colour Temperature		Diffuser	
Skybay	LL2	LED Highbay 3	LHB3	1-10V Dimmable	D	200W	200	5000K	C	Clear	
										Opal	L
										Prismatic	P



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# SkyBay™ 3

LL2LHB3D200 Series LED Battens



## Physical

Height:	241.5mm
Height (w/ mounting bracket):	265mm
Diameter:	360mm
Weight:	5.8kg

## Control and Programming

Dimming:	1-10V as standard
----------	-------------------

## Construction

Colour:	Black
Body:	Die-cast aluminium
Lens:	Clear acrylic
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection or flex and plug
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## Output

Luminous Flux 5000K:	25,200Lm
Efficacy:	up to 140Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	200W
Power Factor:	0.90

## Thermal

Storage Temperature:	-20°C to +70°C
Operating Range Tc:	-40°C to +60°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



# Linear-Q™ Generation 2

LL4LQW2 Series Weatherproof SmartSense LED Battens



## Linear-Q Weatherproof SmartSense Features at a Glance

- Range: 1200Lm, 11W
- Up to 120Lm/W
- Integrated Lumex Smartsense technology
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Grey Vandal Resistant Body
- Quick-mount clip together assembly
- Corrosion resistant nylon clips
- IP65 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming

Linear-Q Weatherproof SmartSense Battens have an integrated Lumex SmartSense Zone Control technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Ripple Frequency Interference

Linear-Q Weatherproof SmartSense products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q Weatherproof SmartSense products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 120Lm/W.

## Environment and Safety

Linear-Q Weatherproof SmartSense products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q Weatherproof SmartSense

**Example:** Linear-Q Weatherproof SmartSense, 600mm, Output Level 1, 120° Beam Angle, 4000K, Grey Fixture **LL4LQ2WM61N**

Product Group		Group Designation		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof SmartSense	LQ2WM	1-10V Dimmable		600mm	6	Single	1	6500K	C6	Grey	
										4000K	N		



# Linear-Q™ Generation 2

LL4LQ2 Series Weatherproof SmartSense LED Battens



## Physical

Length:	600mm
Width:	125mm
Height:	84mm
Mounting Hole Centres:	350mm
Weight:	1.25kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	Grey
Body:	Polycarbonate
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection
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## Output

Luminous Flux 4000K:	1200Lm
Efficacy:	up to 120Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	11W
Power Factor:	0.90

## Thermal

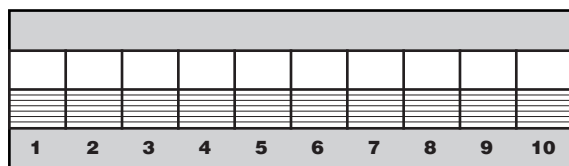
Storage Temperature:	-40°C to +80°C
Operating Range Ta:	-35°C to +50°C
Humidity (non-condensing):	10-100%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



1 & 2 - Sensor Range and Sensitivity (3-10m diameter)

3 & 4 - Hold time (10sec - 15min)

5 & 6 - Light Level Activation threshold (10 - 50 lux)

7 & 8 - Minimum Dim Level (50% to off)

9 & 10 - Dim to Off time (1min - 60min)

For further details refer to SmartSense Zone Control Manual

## SmartSense Specifications

Operating Voltage:	240Vac
Rated Load:	1200VA @ 240Vac
HF System:	5.8GHz
Power Consumption:	<1W (Operation)
Dim Control Output:	0-10V, max, 25mA sinking current
Detection radius/angle:	8m/360°
Mounting Height:	2.3m to 6m
Remote Range:	10m indoor
Humidity:	Max. 95% RH
Transmission Power:	<0.2mW

Specifications subject to change without notice.



# Linear-Q™ Generation 2

LL4LQ2 Series Weatherproof SmartSense LED Battens



## Linear-Q Weatherproof SmartSense Features at a Glance

- Range: 2400Lm, 21W
- Up to 120Lm/W
- Integrated Lumex Smartsense technology
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Grey Vandal Resistant Body
- Quick-mount clip together assembly
- Corrosion resistant nylon clips
- IP65 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming

Linear-Q Weatherproof SmartSense Battens have an integrated Lumex SmartSense Zone Control technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Ripple Frequency Interference

Linear-Q Weatherproof SmartSense products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q Weatherproof SmartSense products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 120Lm/W.

## Environment and Safety

Linear-Q Weatherproof SmartSense products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q Weatherproof SmartSense

**Example:** Linear-Q Weatherproof SmartSense, 600mm, Output Level 2, 120° Beam Angle, 4000K, Grey Fixture **LL4LQ2WM62N**

Product Group		Group Designation		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof SmartSense	LQ2WM	1-10V Dimmable		600mm	6	Twin	2	6500K	C6	Grey	
										4000K	N		



# Linear-Q™ Generation 2

LL4LQ2 Series Weatherproof SmartSense LED Battens



## Physical

Length:	600mm
Width:	125mm
Height:	84mm
Mounting Hole Centres:	350mm
Weight:	1.25kg

## Control and Programming

Dimming:	1-10V
----------	-------

## Construction

Colour:	Grey
Body:	Polycarbonate
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	2400Lm
Efficacy:	up to 120Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	21W
Power Factor:	0.90

## Thermal

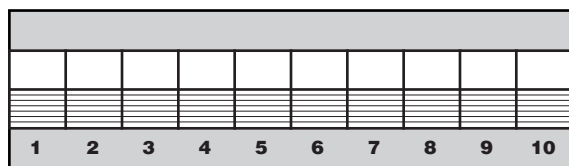
Storage Temperature:	-40°C to +80°C
Operating Range Ta:	-35°C to +50°C
Humidity (non-condensing):	10-100%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



1 & 2 - Sensor Range and Sensitivity (3-10m diameter)

3 & 4 - Hold time (10sec - 15min)

5 & 6 - Light Level Activation threshold (10 - 50 lux)

7 & 8 - Minimum Dim Level (50% to off)

9 & 10 - Dim to Off time (1min - 60min)

For further details refer to SmartSense Zone Control Manual

## SmartSense Specifications

Operating Voltage:	240Vac
Rated Load:	1200VA @ 240Vac
HF System:	5.8GHz
Power Consumption:	<1W (Operation)
Dim Control Output:	0-10V, max, 25mA sinking current
Detection radius/angle:	8m/360°
Mounting Height:	2.3m to 6m
Remote Range:	10m indoor
Humidity:	Max. 95% RH
Transmission Power:	<0.2mW

Specifications subject to change without notice.



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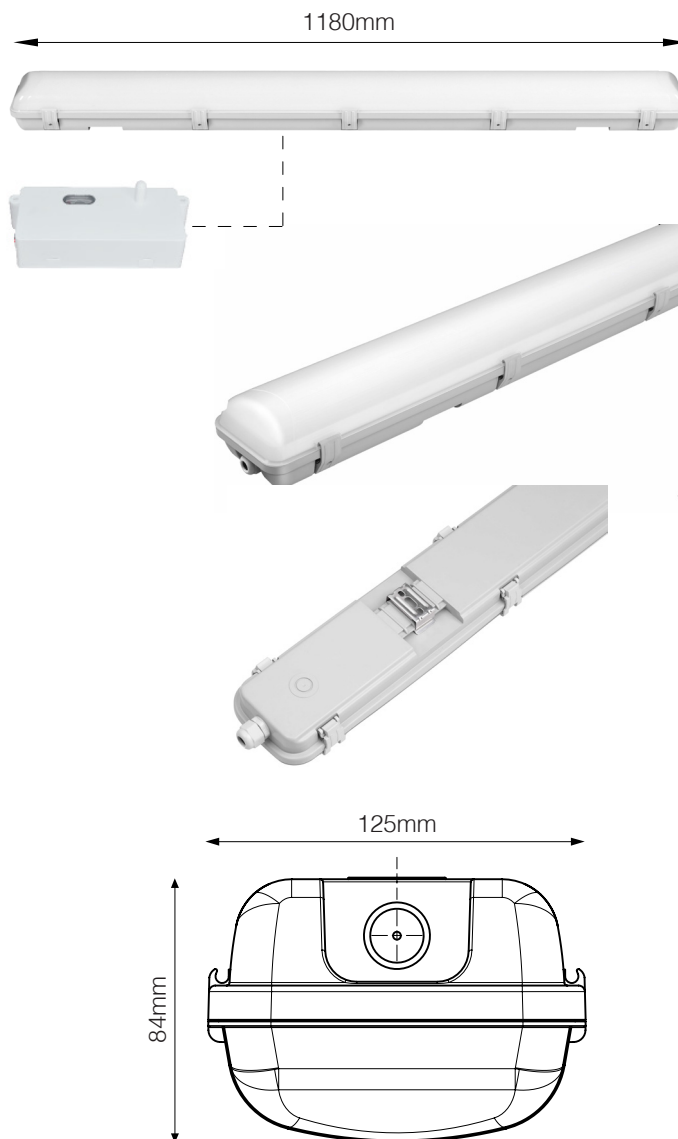
# Linear-Q™ Generation 2

LL4LQ2 Series Weatherproof SmartSense LED Battens



## Linear-Q Weatherproof SmartSense Features at a Glance

- Range: 2400Lm, 21W
- Up to 120Lm/W
- Integrated Lumex SmartSense technology
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Grey Vandal Resistant Body
- Quick-mount clip together assembly
- Corrosion resistant nylon clips
- IP65 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming

Linear-Q Weatherproof SmartSense Battens have an integrated Lumex SmartSense technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Ripple Frequency Interference

Linear-Q Weatherproof SmartSense products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q Weatherproof SmartSense products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 120Lm/W.

## Environment and Safety

Linear-Q Weatherproof SmartSense products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: Linear-Q Weatherproof SmartSense

**Example:** Linear-Q Weatherproof SmartSense, 1200mm, Output Level 1, 120° Beam Angle, 4000K, Grey Fixture **LL4LQ2WM121N**

Product Group		Group Designation		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof SmartSense	LQ2WM	1-10V Dimmable		1200mm	12	Single	1	6500K	C6	Grey	
										4000K	N		



# Linear-Q™ Generation 2

LL4LQ2 Series Weatherproof SmartSense LED Battens



## Physical

Length:	1180mm
Width:	125mm
Height:	84mm
Mounting Hole Centres:	850mm
Weight:	2.3kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	Grey
Body:	Polycarbonate
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection
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## Output

Luminous Flux 4000K:	2400Lm
Efficacy:	up to 120Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	21W
Power Factor:	0.90

## Thermal

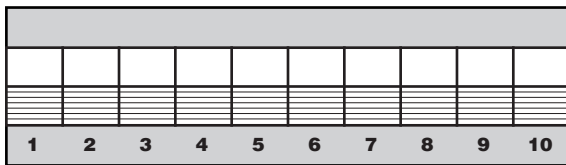
Storage Temperature:	-40°C to +80°C
Operating Range Ta:	-35°C to +50°C
Humidity (non-condensing):	10-100%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



1 & 2 - Sensor Range and Sensitivity (3-10m diameter)

3 & 4 - Hold time (10sec - 15min)

5 & 6 - Light Level Activation threshold (10 - 50 lux)

7 & 8 - Minimum Dim Level (50% to off)

9 & 10 - Dim to Off time (1min - 60min)

For further details refer to SmartSense Zone Control Manual

## SmartSense Specifications

Operating Voltage:	240Vac
Rated Load:	1200VA @ 240Vac
HF System:	5.8GHz
Power Consumption:	<1W (Operation)
Dim Control Output:	0-10V, max, 25mA sinking current
Detection radius/angle:	8m/360°
Mounting Height:	2.3m to 6m
Remote Range:	10m indoor
Humidity:	Max. 95% RH
Transmission Power:	<0.2mW

Specifications subject to change without notice.



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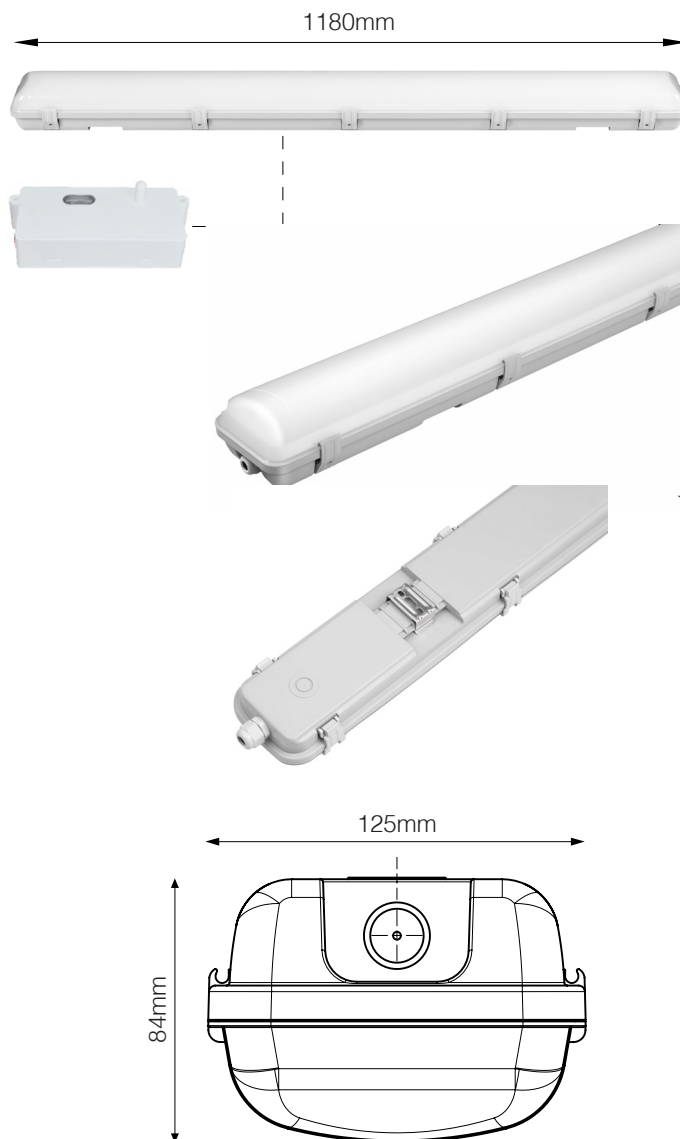
# Linear-Q™ Generation 2

LL4LQ2 Series Weatherproof SmartSense LED Battens



## Linear-Q Weatherproof SmartSense Features at a Glance

- Range: 4800Lm, 41W
- Up to 120Lm/W
- Integrated Lumex SmartSense technology
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Grey Vandal Resistant Body
- Quick-mount clip together assembly
- Corrosion resistant nylon clips
- IP65 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming

Linear-Q Weatherproof SmartSense Battens have an integrated Lumex SmartSense technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Ripple Frequency Interference

Linear-Q Weatherproof SmartSense products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q Weatherproof SmartSense products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 120Lm/W.

## Environment and Safety

Linear-Q Weatherproof SmartSense products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: Linear-Q Weatherproof SmartSense

**Example:** Linear-Q Weatherproof SmartSense, 1200mm, Output Level 2, 120° Beam Angle, 4000K, Grey Fixture **LL4LQ2WM122N**

Product Group		Group Designation		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof SmartSense	LQ2WM	1-10V Dimmable		1200mm	12	Twin	2	6500K	C6	Grey	
										4000K	N		



# Linear-Q™ Generation 2

LL4LQ2 Series Weatherproof SmartSense LED Battens



## Physical

Length:	1180mm
Width:	125mm
Height:	84mm
Mounting Hole Centres:	850mm
Weight:	2.3kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	Grey
Body:	Polycarbonate
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection
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## Output

Luminous Flux 4000K:	4800Lm
Efficacy:	up to 120Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	41W
Power Factor:	0.90

## Thermal

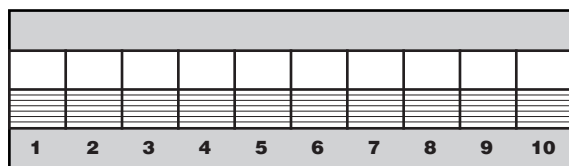
Storage Temperature:	-40°C to +80°C
Operating Range Ta:	-35°C to +50°C
Humidity (non-condensing):	10-100%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



1 & 2 - Sensor Range and Sensitivity (3-10m diameter)

3 & 4 - Hold time (10sec - 15min)

5 & 6 - Light Level Activation threshold (10 - 50 lux)

7 & 8 - Minimum Dim Level (50% to off)

9 & 10 - Dim to Off time (1min - 60min)

For further details refer to SmartSense Zone Control Manual

## SmartSense Specifications

Operating Voltage:	240Vac
Rated Load:	1200VA @ 240Vac
HF System:	5.8GHz
Power Consumption:	<1W (Operation)
Dim Control Output:	0-10V, max, 25mA sinking current
Detection radius/angle:	8m/360°
Mounting Height:	2.3m to 6m
Remote Range:	10m indoor
Humidity:	Max. 95% RH
Transmission Power:	<0.2mW

Specifications subject to change without notice.



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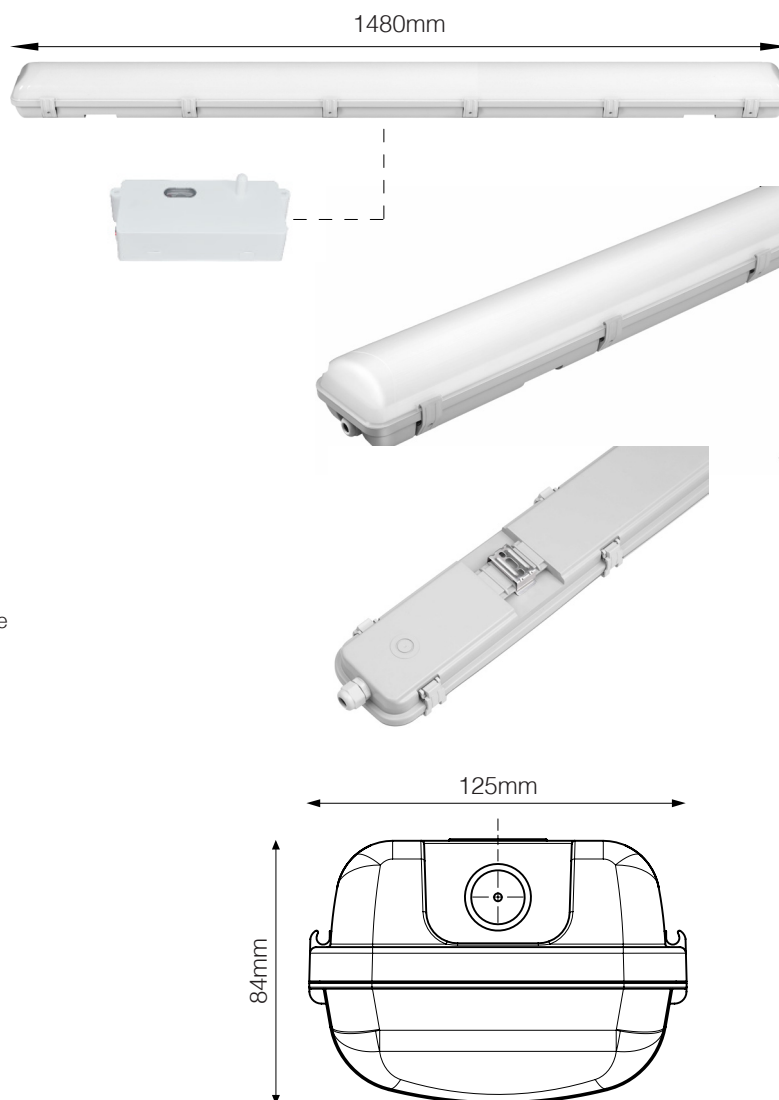
# Linear-Q™ Generation 2

LL4LQ2 Series Weatherproof SmartSense LED Battens



## Linear-Q Weatherproof SmartSense Features at a Glance

- Range: 3600Lm, 31W
- Up to 120Lm/W
- Integrated Lumex Smartsense technology
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Grey Vandal Resistant Body
- Quick-mount clip together assembly
- Corrosion resistant nylon clips
- IP65 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming

Linear-Q Weatherproof SmartSense Battens have an integrated Lumex SmartSense technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Ripple Frequency Interference

Linear-Q Weatherproof SmartSense products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q Weatherproof SmartSense products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 120Lm/W.

## Environment and Safety

Linear-Q Weatherproof SmartSense products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: Linear-Q Weatherproof SmartSense

**Example:** Linear-Q Weatherproof SmartSense, 1480mm, Output Level 1, 120° Beam Angle, 4000K, Grey Fixture **LL4LQ2WM151N**

Product Group		Group Designation		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof SmartSense	LQ2WM	1-10V Dimmable		1480mm	15	Single	1	6500K	C6	Grey	
										4000K	N		



# Linear-Q™ Generation 2

LL4LQ2 Series Weatherproof SmartSense LED Battens



## Physical

Length:	1480mm
Width:	125mm
Height:	84mm
Mounting Hole Centres:	1000mm
Weight:	2.5kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	Grey
Body:	Polycarbonate
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	3600Lm
Efficacy:	up to 120Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	31W
Power Factor:	0.90

## Thermal

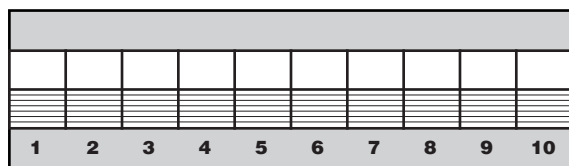
Storage Temperature:	-40°C to +80°C
Operating Range Ta:	-35°C to +50°C
Humidity (non-condensing):	10-100%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



1 & 2 - Sensor Range and Sensitivity (3-10m diameter)

3 & 4 - Hold time (10sec - 15min)

5 & 6 - Light Level Activation threshold (10 - 50 lux)

7 & 8 - Minimum Dim Level (50% to off)

9 & 10 - Dim to Off time (1min - 60min)

For further details refer to SmartSense Zone Control Manual

## SmartSense Specifications

Operating Voltage:	240Vac
Rated Load:	1200VA @ 240Vac
HF System:	5.8GHz
Power Consumption:	<1W (Operation)
Dim Control Output:	0-10V, max, 25mA sinking current
Detection radius/angle:	8m/360°
Mounting Height:	2.3m to 6m
Remote Range:	10m indoor
Humidity:	Max. 95% RH
Transmission Power:	<0.2mW

Specifications subject to change without notice.



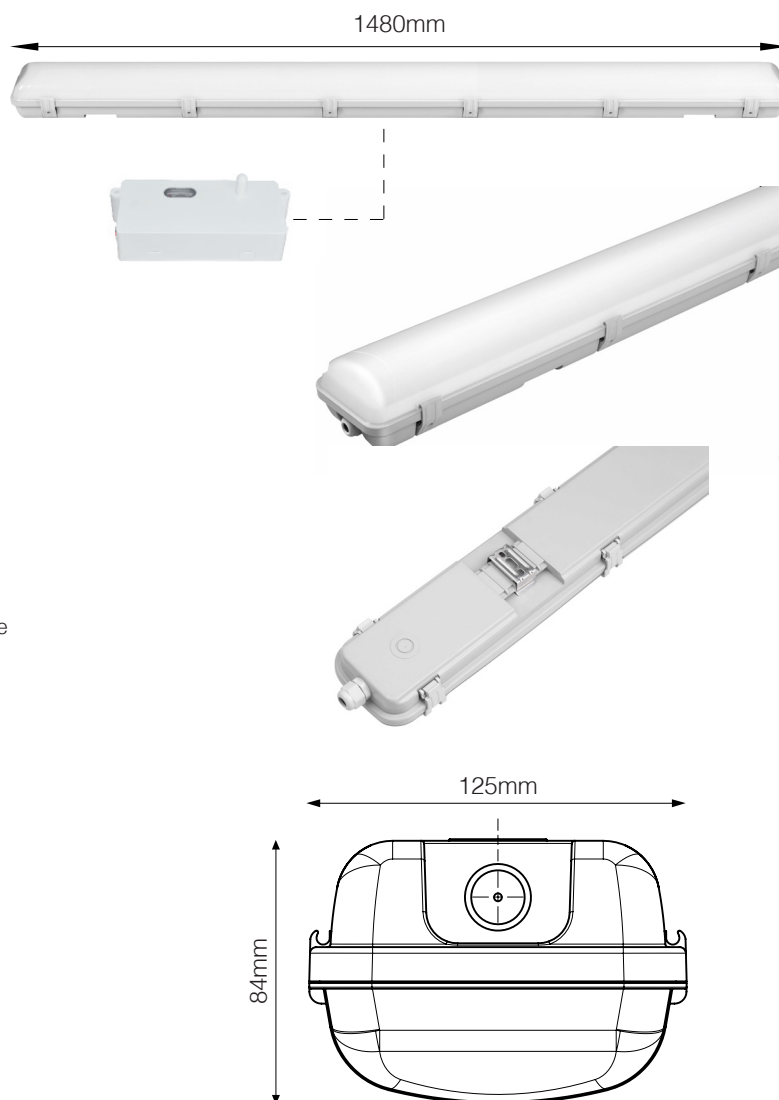
# Linear-Q™ Generation 2

LL4LQ2 Series Weatherproof SmartSense LED Battens



## Linear-Q Weatherproof SmartSense Features at a Glance

- Range: 6600Lm, 56W
- Up to 120Lm/W
- Integrated Lumex Smartsense technology
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Grey Vandal Resistant Body
- Quick-mount clip together assembly
- Corrosion resistant nylon clips
- IP65 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming

Linear-Q Weatherproof SmartSense Battens have an integrated Lumex SmartSense technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Ripple Frequency Interference

Linear-Q Weatherproof SmartSense products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q Weatherproof SmartSense products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 120Lm/W.

## Environment and Safety

Linear-Q Weatherproof SmartSense products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: Linear-Q Weatherproof SmartSense

**Example:** Linear-Q Weatherproof SmartSense, 1480mm, Output Level 2, 120° Beam Angle, 4000K, Grey Fixture **LL4LQ2WM152N**

Product Group		Group Designation		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof SmartSense	LQ2WM	1-10V Dimmable		1480mm	15	Twin	2	6500K	C6	Grey	
										4000K	N		



# Linear-Q™ Generation 2

LL4LQ2 Series Weatherproof SmartSense LED Battens



## Physical

Length:	1480mm
Width:	125mm
Height:	84mm
Mounting Hole Centres:	1000mm
Weight:	2.5kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	Grey
Body:	Polycarbonate
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	6600Lm
Efficacy:	up to 120Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	56W
Power Factor:	0.90

## Thermal

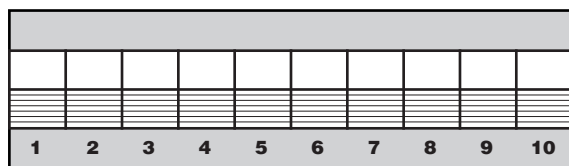
Storage Temperature:	-40°C to +80°C
Operating Range Ta:	-35°C to +50°C
Humidity (non-condensing):	10-100%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



1 & 2 - Sensor Range and Sensitivity (3-10m diameter)

3 & 4 - Hold time (10sec - 15min)

5 & 6 - Light Level Activation threshold (10 - 50 lux)

7 & 8 - Minimum Dim Level (50% to off)

9 & 10 - Dim to Off time (1min - 60min)

For further details refer to SmartSense Zone Control Manual

## SmartSense Specifications

Operating Voltage:	240Vac
Rated Load:	1200VA @ 240Vac
HF System:	5.8GHz
Power Consumption:	<1W (Operation)
Dim Control Output:	0-10V, max, 25mA sinking current
Detection radius/angle:	8m/360°
Mounting Height:	2.3m to 6m
Remote Range:	10m indoor
Humidity:	Max. 95% RH
Transmission Power:	<0.2mW

Specifications subject to change without notice.



# Zone Control

LL4LQ2M Remote



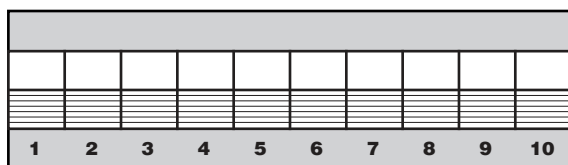
## Zone Control Specifications

<b>Operating Voltage:</b>	240Vac
<b>Rated Load:</b>	1200VA @ 240Vac
<b>HF System:</b>	5.8GHz
<b>Power Consumption:</b>	<1W (Operation)
<b>Dim Control Output:</b>	0-10V, max, 25mA sinking current
<b>Detection radius/angle:</b>	8m/360°
<b>Mounting Height:</b>	2.3m to 6m
<b>Remote Range:</b>	10m indoor
<b>Humidity:</b>	Max. 95% RH
<b>Transmission Power:</b>	<0.2mW



## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



Sensor Range and Sensitivity

1	2	
▼	▼	20%
▼	▲	50%
▲	▼	75%
▲	▲	100%



Hold Time

3	4	
▼	▼	10s
▼	▲	1min
▲	▼	5min
▲	▲	15min



Light Level Activation Threshold

5	6	
▼	▼	Light sensor disable
▼	▲	10Lux
▲	▼	30Lux
▲	▲	50Lux



Minimum Dim Level

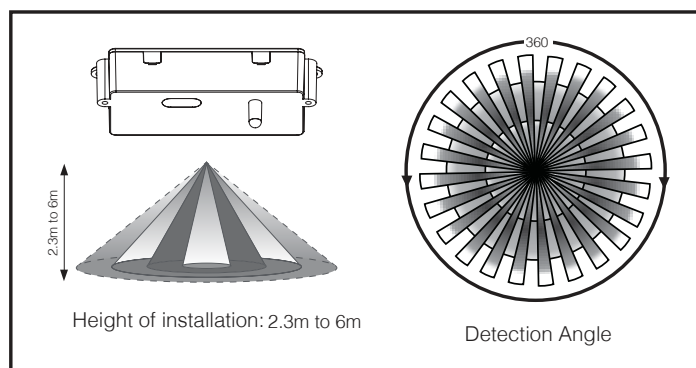
7	8	
▼	▼	0%
▼	▲	10%
▲	▼	30%
▲	▲	50%



Dim to Off Time

9	10	
▼	▼	+∞
▼	▲	1min
▲	▼	30min
▲	▲	60min

## Sensor Information



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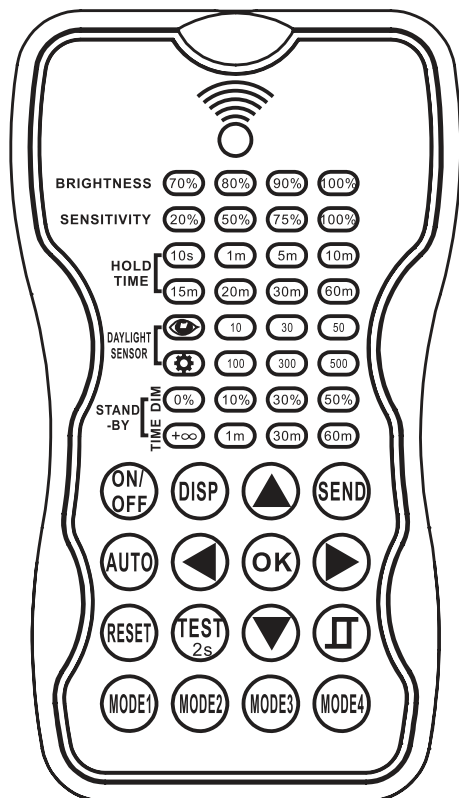


# Zone Control

LL4LQ2M Remote



## Remote Control Operation



ON/OFF	Luminaire defaults to permanent ON or permanent OFF mode. Sensor is disabled. To exit this mode press AUTO	AUTO	Sensor reverts back to the latest parameters before lights were switched on/off permanently
DISP	Displays the current settings using the LED indicators on the remote control		
RESET	Reset all settings to those on those configured on the DIP switch located on the back of the sensor		
▲ ▼	Enter setting mode. Navigate up and down during setting mode		
◀ ▶	Navigate left and right during setting mode		
OK	Stores selected parameters during setting mode	TEST 2s	Used for testing sensitivity range during initial setup. Standby period and daylight sensor are disabled in this mode. Hold time is set to 2s. Set sensitivity when in setting mode. Press TEST 2s to enter sensitivity test mode. This will allow the user to test the sensitivity at each set point (20%, 50%, 75%, 100%)
SEND	Upload selected parameters to sensors		
MODE1 MODE2 MODE3 MODE4	4 scene modes with preset parameters. Parameters for each mode can be changed by entering setting mode after pressing MODE1, MODE2, MODE3 or MODE4		Press AUTO to exit sensitivity test mode

## LED Indicators

LED Indicator	Description
Brightness	Set the output brightness level (%) of the LED luminaire during occupancy
Sensitivity	Set occupancy sensing sensitivity of the sensor
Hold Time	Set hold time during occupancy
Daylight Sensor	Set daylight threshold. Sensor operates only below set lux level
	Set the current surrounding lux level as the daylight threshold
	Disable daylight sensor
Stand-by dim	Set the light output level in % during vacancy. Set to 0 for light off during vacancy
stand-by time	Set dim to off time

# Linear-Q™ Generation 2

LL4LQ2 Series Weatherproof Emergency SmartSense LED Battens



## Linear-Q Weatherproof SmartSense Emergency Features at a Glance

- Range: 1200Lm, 11W
- Up to 120Lm/W
- Integrated Lumex SmartSense technology
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Grey Vandal Resistant Body
- Quick-mount clip together assembly
- Corrosion resistant nylon clips
- IP65 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming

Linear-Q Weatherproof SmartSense Battens have an integrated Lumex SmartSense technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Ripple Frequency Interference

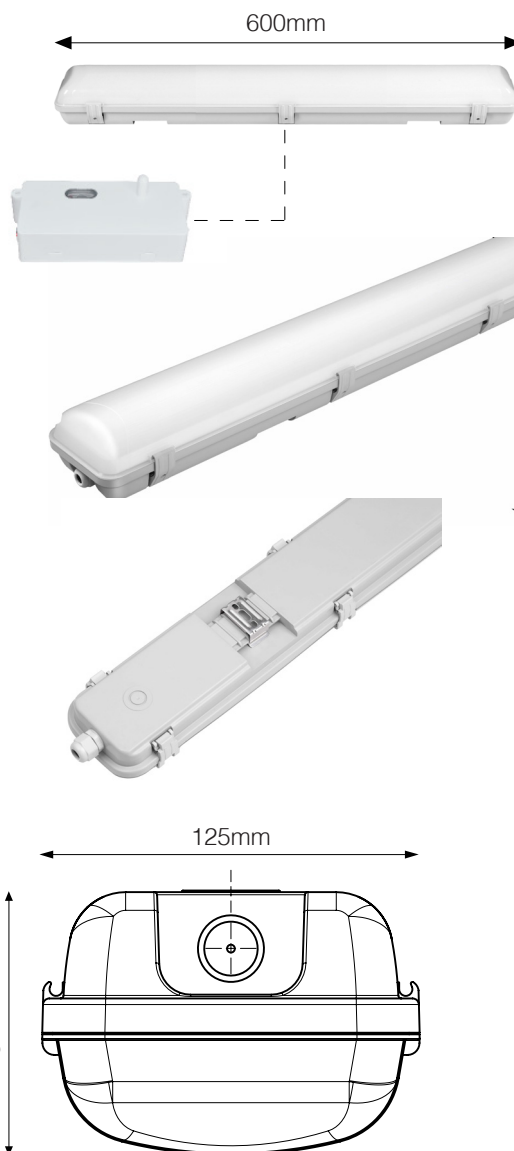
Linear-Q Weatherproof SmartSense products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q Weatherproof SmartSense products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 120Lm/W.

## Environment and Safety

Linear-Q Weatherproof SmartSense products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q Weatherproof SmartSense Emergency

**Example:** Linear-Q Weatherproof SmartSense Emergency, 600mm, Output Level 1, 120° Beam Angle, 4000K, Grey Fixture **LL4LQ2WME61N**

Product Group		Group Designation		Additional Features		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof SmartSense	LQ2WM	Emergency	E	1-10V Dimmable		600mm	6	Single	1	6500K	C6	Grey	
													4000K	N	



# Linear-Q™ Generation 2

LL4LQ2 Series Weatherproof Emergency SmartSense LED Battens



## Physical

Length:	600mm
Width:	125mm
Height:	84mm
Mounting Hole Centres:	350mm
Weight:	1.25kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	Grey
Body:	Polycarbonate
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	1200Lm
Efficacy:	up to 120Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	11W
Power Factor:	0.90

## Thermal

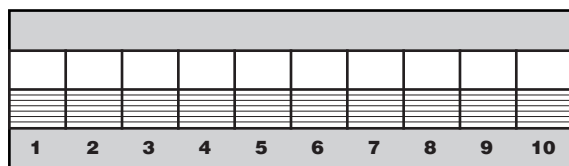
Storage Temperature:	-40°C to +80°C
Operating Range Ta:	-35°C to +50°C
Humidity (non-condensing):	10-100%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



1 & 2 - Sensor Range and Sensitivity (3-10m diameter)

3 & 4 - Hold time (10sec - 15min)

5 & 6 - Light Level Activation threshold (10 - 50 lux)

7 & 8 - Minimum Dim Level (50% to off)

9 & 10 - Dim to Off time (1min - 60min)

For further details refer to SmartSense Zone Control Manual

## Zone Control Specifications

Operating Voltage:	240Vac
Rated Load:	1200VA @ 240Vac
HF System:	5.8GHz
Power Consumption:	<1W (Operation)
Dim Control Output:	0-10V, max, 25mA sinking current
Detection radius/angle:	8m/360°
Mounting Height:	2.3m to 6m
Remote Range:	10m indoor
Humidity:	Max. 95% RH
Transmission Power:	<0.2mW

## Emergency Specifications

Maximum Emergency Power:	2W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 1.5Ah
Input Voltage:	220-240VAC
Input Current:	35-60mA
Output Voltage:	10...42VDC,
Output Current:	500mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...+50°C
Emergency Classification:	C0, C180: D63 (21.1m) C90, C270: D40 (18m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.



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# Linear-Q™ Generation 2

LL4LQ2 Series Weatherproof Emergency SmartSense LED Battens



## Linear-Q Weatherproof SmartSense Emergency Features at a Glance

- Range: 2400Lm, 21W
- Up to 120Lm/W
- Integrated Lumex SmartSense technology
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Grey Vandal Resistant Body
- Quick-mount clip together assembly
- Corrosion resistant nylon clips
- IP65 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming

Linear-Q Weatherproof SmartSense Battens have an integrated Lumex SmartSense technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Ripple Frequency Interference

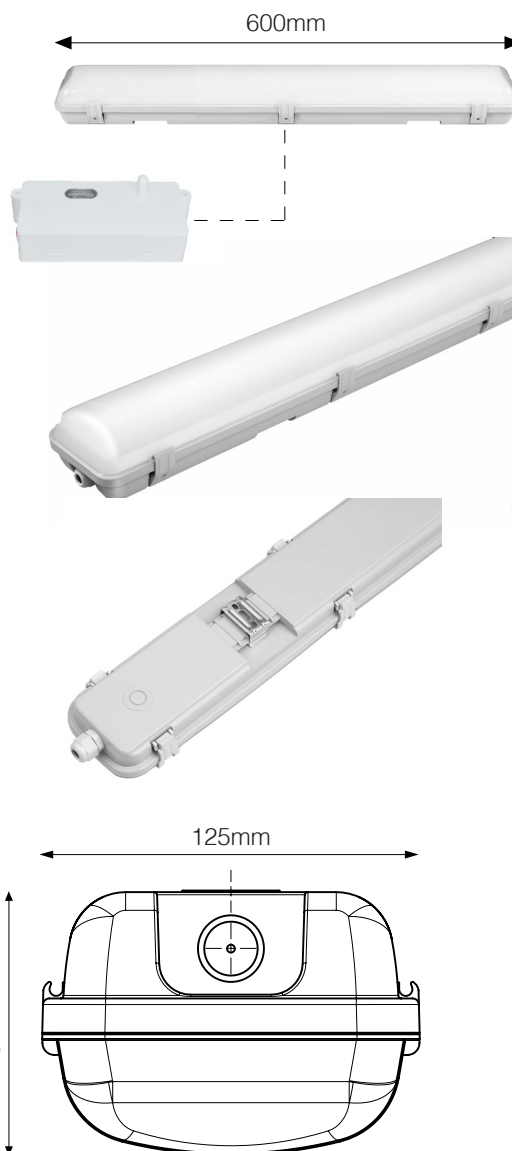
Linear-Q Weatherproof SmartSense products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q Weatherproof SmartSense products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 120Lm/W.

## Environment and Safety

Linear-Q Weatherproof SmartSense products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q Weatherproof SmartSense Emergency

**Example:** Linear-Q Weatherproof SmartSense Emergency, 600mm, Output Level 2, 120° Beam Angle, 4000K, Grey Fixture **LL4LQ2WME62N**

Product Group		Group Designation		Additional Features		Dimmable	Size		Level	Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof SmartSense	LQ2WM	Emergency	E	1-10V Dimmable	600mm	6	Twin	2	6500K	C6	Grey
											4000K	N	



# Linear-Q™ Generation 2

LL4LQ2 Series Weatherproof Emergency SmartSense LED Battens



## Physical

Length:	600mm
Width:	125mm
Height:	84mm
Mounting Hole Centres:	350mm
Weight:	1.25kg

## Control and Programming

Dimming:	1-10V
----------	-------

## Construction

Colour:	Grey
Body:	Polycarbonate
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection
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## Output

Luminous Flux 4000K:	2400Lm
Efficacy:	up to 120Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	21W
Power Factor:	0.90

## Thermal

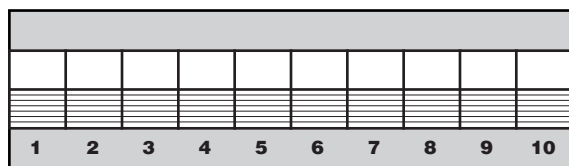
Storage Temperature:	-40°C to +80°C
Operating Range Ta:	-35°C to +50°C
Humidity (non-condensing):	10-100%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



1 & 2 - Sensor Range and Sensitivity (3-10m diameter)

3 & 4 - Hold time (10sec - 15min)

5 & 6 - Light Level Activation threshold (10 - 50 lux)

7 & 8 - Minimum Dim Level (50% to off)

9 & 10 - Dim to Off time (1min - 60min)

For further details refer to SmartSense Zone Control Manual

## Zone Control Specifications

Operating Voltage:	240Vac
Rated Load:	1200VA @ 240Vac
HF System:	5.8GHz
Power Consumption:	<1W (Operation)
Dim Control Output:	0-10V, max, 25mA sinking current
Detection radius/angle:	8m/360°
Mounting Height:	2.3m to 6m
Remote Range:	10m indoor
Humidity:	Max. 95% RH
Transmission Power:	<0.2mW

## Emergency Specifications

Maximum Emergency Power:	2W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 1.5Ah
Input Voltage:	220-240VAC
Input Current:	35-60mA
Output Voltage:	10...42VDC,
Output Current:	500mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...+50°C
Emergency Classification:	C0, C180: D63 (21.1m) C90, C270: D40 (18m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.



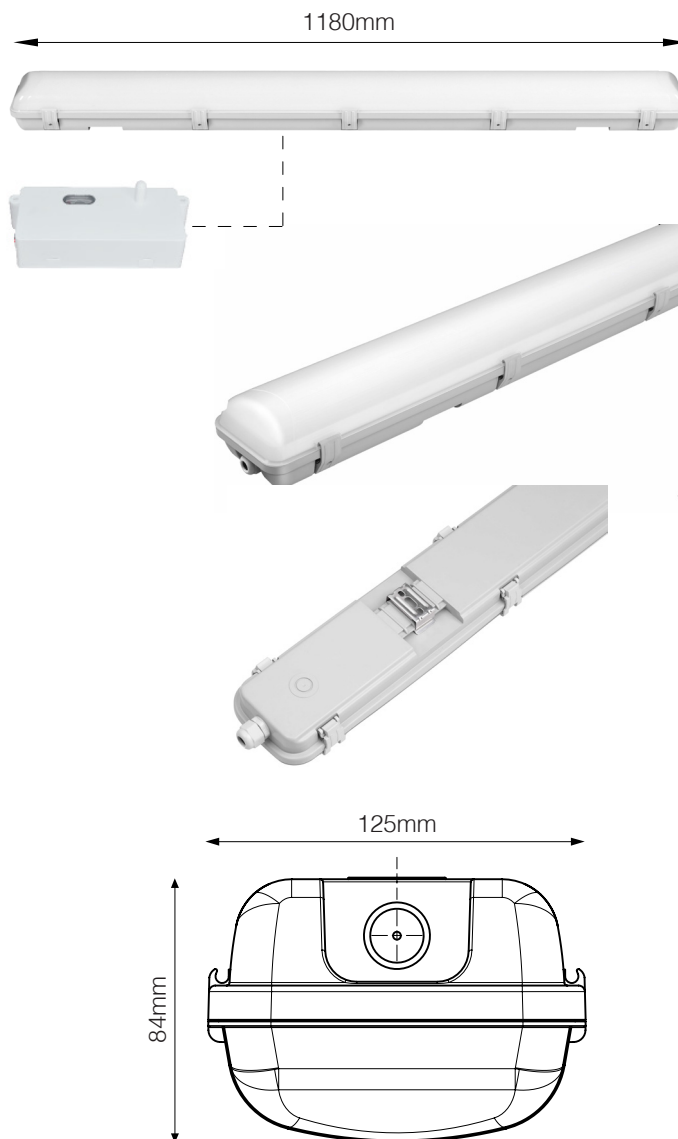
# Linear-Q™ Generation 2

LL4LQ2 Series Weatherproof Emergency SmartSense LED Battens



## Linear-Q Weatherproof SmartSense Emergency Features at a Glance

- Range: 2400Lm, 21W
- Up to 120Lm/W
- Integrated Lumex SmartSense technology
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Grey Vandal Resistant Body
- Quick-mount clip together assembly
- Corrosion resistant nylon clips
- IP65 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming

Linear-Q Weatherproof SmartSense Battens have an integrated Lumex SmartSense technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Ripple Frequency Interference

Linear-Q Weatherproof SmartSense products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q Weatherproof SmartSense products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 120Lm/W.

## Environment and Safety

Linear-Q Weatherproof SmartSense products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: Linear-Q Weatherproof SmartSense Emergency

**Example:** Linear-Q Weatherproof SmartSense Emergency, 1200mm, Output Level 1, 120° Beam Angle, 4000K, Grey Fixture **LL4LQ2WME121N**

Product Group		Group Designation		Additional Features		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof SmartSense	LQ2WM	Emergency	E	1-10V Dimmable		1200mm	12	Single	1	6500K	C6	Grey	
													4000K	N	



# Linear-Q™ Generation 2

LL4LQ2 Series Weatherproof Emergency SmartSense LED Battens



## Physical

Length:	1180mm
Width:	125mm
Height:	84mm
Mounting Hole Centres:	850mm
Weight:	2.3kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	Grey
Body:	Polycarbonate
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	2400Lm
Efficacy:	up to 120Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	21W
Power Factor:	0.90

## Thermal

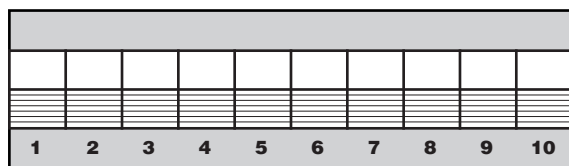
Storage Temperature:	-40°C to +80°C
Operating Range Ta:	-35°C to +50°C
Humidity (non-condensing):	10-100%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



1 & 2 - Sensor Range and Sensitivity (3-10m diameter)

3 & 4 - Hold time (10sec - 15min)

5 & 6 - Light Level Activation threshold (10 - 50 lux)

7 & 8 - Minimum Dim Level (50% to off)

9 & 10 - Dim to Off time (1min - 60min)

For further details refer to SmartSense Zone Control Manual

## Zone Control Specifications

Operating Voltage:	240Vac
Rated Load:	1200VA @ 240Vac
HF System:	5.8GHz
Power Consumption:	<1W (Operation)
Dim Control Output:	0-10V, max, 25mA sinking current
Detection radius/angle:	8m/360°
Mounting Height:	2.3m to 6m
Remote Range:	10m indoor
Humidity:	Max. 95% RH
Transmission Power:	<0.2mW

## Emergency Specifications

Maximum Emergency Power:	2W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 1.5Ah
Input Voltage:	220-240VAC
Input Current:	35-60mA
Output Voltage:	10...42VDC,
Output Current:	500mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...+50°C
Emergency Classification:	C0, C180: D63 (21.1m) C90, C270: D40 (18m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.





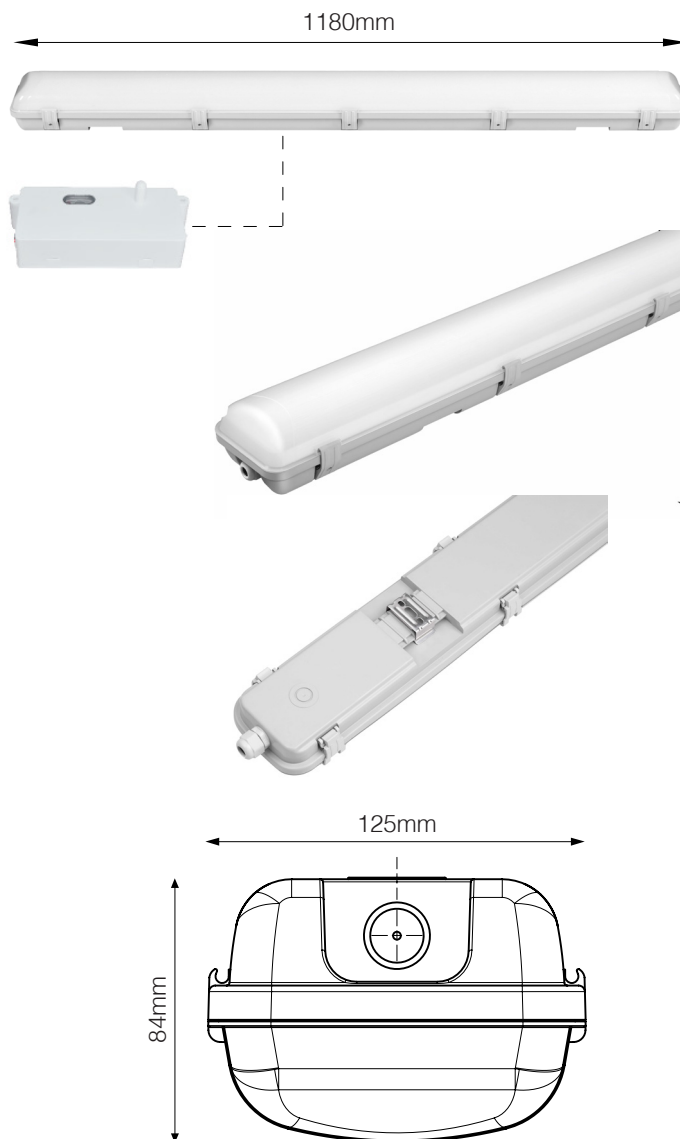
# Linear-Q™ Generation 2

LL4LQ2 Series Weatherproof Emergency SmartSense LED Battens



## Linear-Q Weatherproof SmartSense Emergency Features at a Glance

- Range: 4800Lm, 41W
- Up to 120Lm/W
- Integrated Lumex SmartSense technology
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Grey Vandal Resistant Body
- Quick-mount clip together assembly
- Corrosion resistant nylon clips
- IP65 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming

Linear-Q Weatherproof SmartSense Battens have an integrated Lumex SmartSense technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Ripple Frequency Interference

Linear-Q Weatherproof SmartSense products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q Weatherproof SmartSense products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 120Lm/W.

## Environment and Safety

Linear-Q Weatherproof SmartSense products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: Linear-Q Weatherproof Emergency SmartSense Emergency

**Example:** Linear-Q Weatherproof Emergency SmartSense Emergency, 1200mm, Output Level 2, 120° Beam Angle, 6500K, Grey Fixture **LL4LQ2WME122C6**

Product Group		Group Designation		Additional Features		Dimmable	Size		Level	Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof SmartSense	LQ2WM	Emergency	E	1-10V Dimmable	1200mm	12	Twin	2	6500K	C6	Grey



# Linear-Q™ Generation 2

LL4LQ2 Series Weatherproof Emergency SmartSense LED Battens



## Physical

Length:	1180mm
Width:	125mm
Height:	84mm
Mounting Hole Centres:	850mm
Weight:	2.3kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	Grey
Body:	Polycarbonate
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	4800Lm
Efficacy:	up to 120Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	41W
Power Factor:	0.90

## Thermal

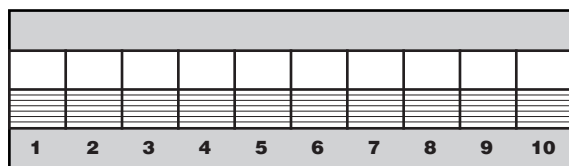
Storage Temperature:	-40°C to +80°C
Operating Range Ta:	-35°C to +50°C
Humidity (non-condensing):	10-100%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



1 & 2 - Sensor Range and Sensitivity (3-10m diameter)

3 & 4 - Hold time (10sec - 15min)

5 & 6 - Light Level Activation threshold (10 - 50 lux)

7 & 8 - Minimum Dim Level (50% to off)

9 & 10 - Dim to Off time (1min - 60min)

For further details refer to SmartSense Zone Control Manual

## Zone Control Specifications

Operating Voltage:	240Vac
Rated Load:	1200VA @ 240Vac
HF System:	5.8GHz
Power Consumption:	<1W (Operation)
Dim Control Output:	0-10V, max, 25mA sinking current
Detection radius/angle:	8m/360°
Mounting Height:	2.3m to 6m
Remote Range:	10m indoor
Humidity:	Max. 95% RH
Transmission Power:	<0.2mW

## Emergency Specifications

Maximum Emergency Power:	4W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 3.0Ah
Input Voltage:	220-240VAC
Input Current:	35-60mA
Output Voltage:	10...42VDC,
Output Current:	100mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...+50°C
Emergency Classification:	C0, C180: D63 (21.1m) C90, C270: D40 (18m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.



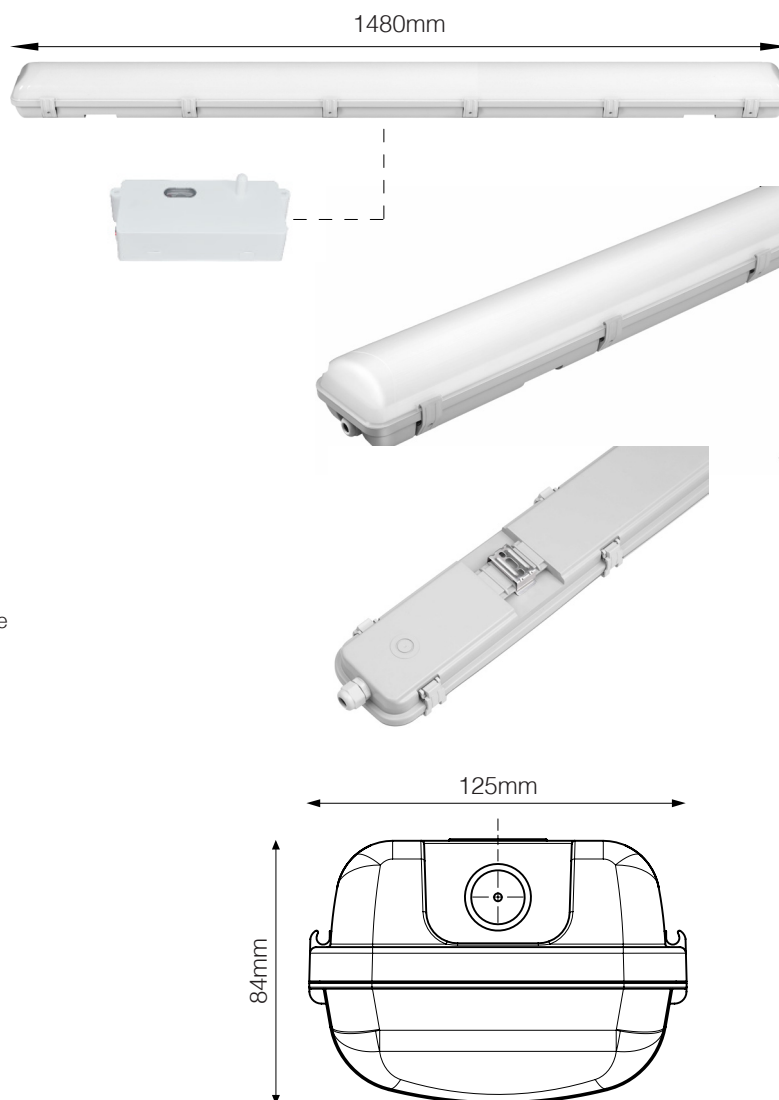
# Linear-Q™ Generation 2

LL4LQ2 Series Weatherproof Emergency SmartSense LED Battens



## Linear-Q Weatherproof SmartSense Emergency Features at a Glance

- Range: 3600Lm, 31W
- Up to 120Lm/W
- Integrated Lumex SmartSense technology
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Grey Vandal Resistant Body
- Quick-mount clip together assembly
- Corrosion resistant nylon clips
- IP65 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming

Linear-Q Weatherproof SmartSense Battens have an integrated Lumex SmartSense technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Ripple Frequency Interference

Linear-Q Weatherproof SmartSense products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q Weatherproof SmartSense products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 120Lm/W.

## Environment and Safety

Linear-Q Weatherproof SmartSense products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: Linear-Q Weatherproof SmartSense Emergency

**Example:** Linear-Q Weatherproof SmartSense Emergency, 1480mm, Output Level 1, 120° Beam Angle, 4000K, Grey Fixture **LL4LQ2WME151N**

Product Group		Group Designation		Additional Features		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof SmartSense	LQ2WM	Emergency	E	1-10V Dimmable		1480mm	15	Single	1	6500K	C6	Grey	
													4000K	N	



# Linear-Q™ Generation 2

LL4LQ2 Series Weatherproof Emergency SmartSense LED Battens



## Physical

Length:	1480mm
Width:	125mm
Height:	84mm
Mounting Hole Centres:	1000mm
Weight:	2.5kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	Grey
Body:	Polycarbonate
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection
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## Output

Luminous Flux 4000K:	3600Lm
Efficacy:	up to 120Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	31W
Power Factor:	0.90

## Thermal

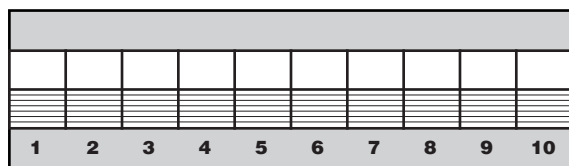
Storage Temperature:	-40°C to +80°C
Operating Range Ta:	-35°C to +50°C
Humidity (non-condensing):	10-100%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



1 & 2 - Sensor Range and Sensitivity (3-10m diameter)

3 & 4 - Hold time (10sec - 15min)

5 & 6 - Light Level Activation threshold (10 - 50 lux)

7 & 8 - Minimum Dim Level (50% to off)

9 & 10 - Dim to Off time (1min - 60min)

For further details refer to SmartSense Zone Control Manual

## Zone Control Specifications

Operating Voltage:	240Vac
Rated Load:	1200VA @ 240Vac
HF System:	5.8GHz
Power Consumption:	<1W (Operation)
Dim Control Output:	0-10V, max, 25mA sinking current
Detection radius/angle:	8m/360°
Mounting Height:	2.3m to 6m
Remote Range:	10m indoor
Humidity:	Max. 95% RH
Transmission Power:	<0.2mW

## Emergency Specifications

Maximum Emergency Power:	4W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 3.0Ah
Input Voltage:	220-240VAC
Input Current:	35-60mA
Output Voltage:	10...42VDC,
Output Current:	100mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...+50°C
Emergency Classification:	C0, C180: D63 (21.1m) C90, C270: D40 (18m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.



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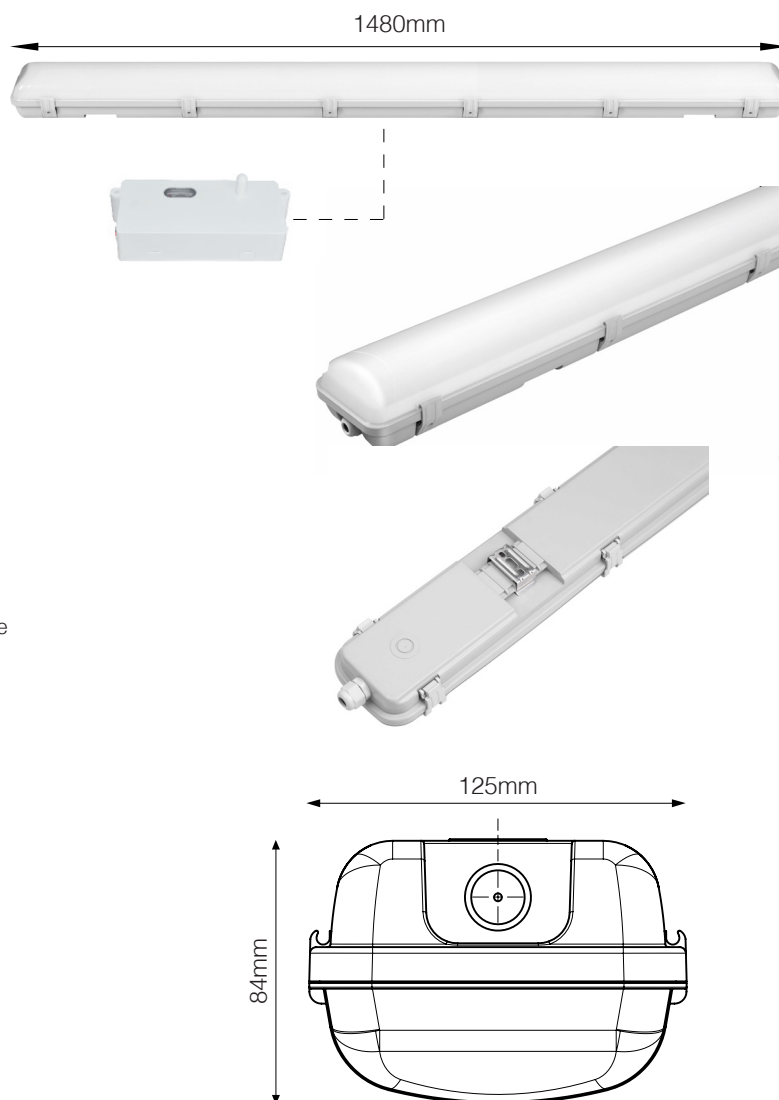
# Linear-Q™ Generation 2

LL4LQ2 Series Weatherproof Emergency SmartSense LED Battens



## Linear-Q Weatherproof SmartSense Emergency Features at a Glance

- Range: 6600Lm, 56W
- Up to 120Lm/W
- Integrated Lumex SmartSense technology
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Grey Vandal Resistant Body
- Quick-mount clip together assembly
- Corrosion resistant nylon clips
- IP65 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming

Linear-Q Weatherproof SmartSense Battens have an integrated Lumex SmartSense technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Ripple Frequency Interference

Linear-Q Weatherproof SmartSense products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q Weatherproof SmartSense products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 120Lm/W.

## Environment and Safety

Linear-Q Weatherproof SmartSense products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: Linear-Q Weatherproof SmartSense Emergency

**Example:** Linear-Q Weatherproof SmartSense Emergency, 1480mm, Output Level 2, 120° Beam Angle, 4000K, Grey Fixture **LL4LQ2WME152N**

Product Group		Group Designation		Additional Features		Dimmable	Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof SmartSense	LQ2WM	Emergency	E	1-10V Dimmable	1480mm	15	Twin	2	6500K	C6	Grey	
											4000K	N		



# Linear-Q™ Generation 2

LL4LQ2 Series Weatherproof Emergency SmartSense LED Battens



## Physical

Length:	1480mm
Width:	125mm
Height:	84mm
Mounting Hole Centres:	1000mm
Weight:	2.5kg

## Control and Programming

Dimming:	1-10V
----------	-------

## Construction

Colour:	Grey
Body:	Polycarbonate
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection
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## Output

Luminous Flux 4000K:	6600Lm
Efficacy:	up to 120Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	56W
Power Factor:	0.90

## Thermal

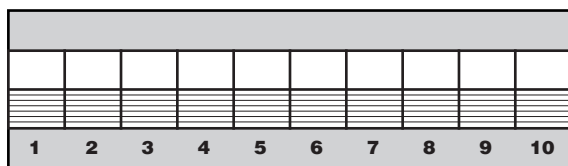
Storage Temperature:	-40°C to +80°C
Operating Range Ta:	-35°C to +50°C
Humidity (non-condensing):	10-100%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



1 & 2 - Sensor Range and Sensitivity (3-10m diameter)

3 & 4 - Hold time (10sec - 15min)

5 & 6 - Light Level Activation threshold (10 - 50 lux)

7 & 8 - Minimum Dim Level (50% to off)

9 & 10 - Dim to Off time (1min - 60min)

For further details refer to SmartSense Zone Control Manual

## Zone Control Specifications

Operating Voltage:	240Vac
Rated Load:	1200VA @ 240Vac
HF System:	5.8GHz
Power Consumption:	<1W (Operation)
Dim Control Output:	0-10V, max, 25mA sinking current
Detection radius/angle:	8m/360°
Mounting Height:	2.3m to 6m
Remote Range:	10m indoor
Humidity:	Max. 95% RH
Transmission Power:	<0.2mW

## Emergency Specifications

Maximum Emergency Power:	4W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 3.0Ah
Input Voltage:	220-240VAC
Input Current:	35-60mA
Output Voltage:	10...42VDC,
Output Current:	100mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...+50°C
Emergency Classification:	C0, C180: D63 (21.1m) C90, C270: D40 (18m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.



# Linear-Q™ Generation 2

LL4LQ2W Weatherproof Series LED Battens



## Linear-Q Weatherproof Features at a Glance

- Range: 1200Lm, 10W
- Up to 120Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Grey Vandal Resistant Body
- Quick-mount clip together assembly
- Corrosion resistant nylon clips
- IP65 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Emergency options available
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

Linear-Q Weatherproof products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

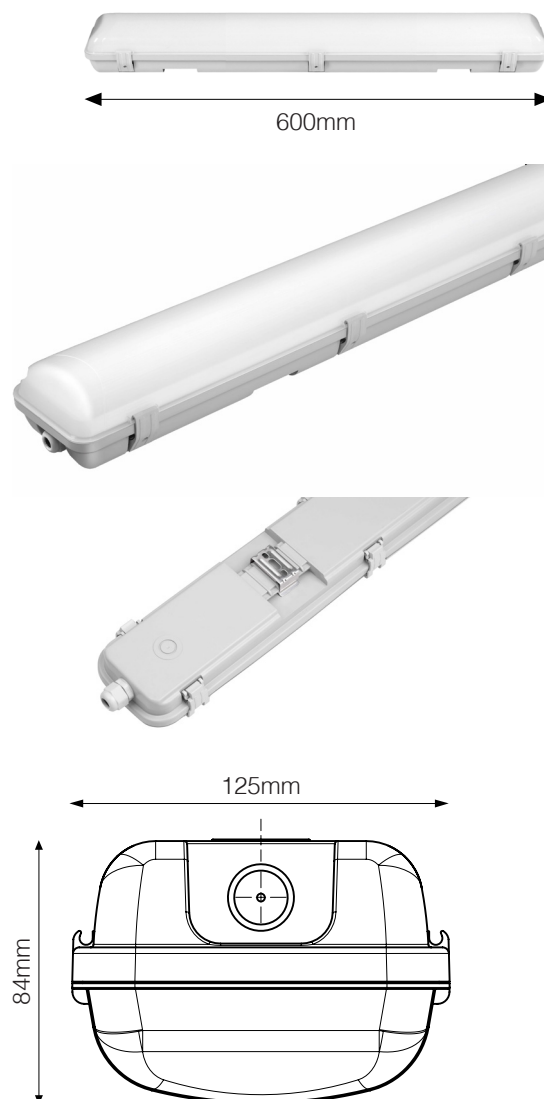
Linear-Q Weatherproof products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q Weatherproof products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 120Lm/W.

## Environment and Safety

Linear-Q Weatherproof products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q Weatherproof

**Example:** Linear-Q Weatherproof, 600mm, Output Level 1, 120° Beam Angle, 4000K, Grey Fixture **LL4LQ2W61NW**

Product Group		Group Designation		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof	LQ2W	1-10V Dimmable		600mm	6	Single	1	6500K	C6	Grey	
				DALI	DD					4000K	N		





# Linear-Q™ Generation 2

LL4LQ2W Weatherproof Series LED Battens



## Physical

Length:	600mm
Width:	125mm
Height:	84mm
Mounting Hole Centres:	350mm
Weight:	1.25kg

## Control and Programming

Dimming:	1-10V
----------	-------

## Construction

Colour:	Grey
Body:	Polycarbonate
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection
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## Output

Luminous Flux 4000K:	1200Lm
Efficacy:	up to 120Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	10W
Power Factor:	0.90

## Thermal

Storage Temperature:	-40°C to +80°C
Operating Range Ta:	-35°C to +50°C
Humidity (non-condensing):	10-100%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



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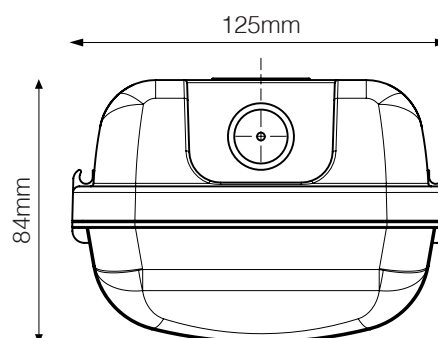
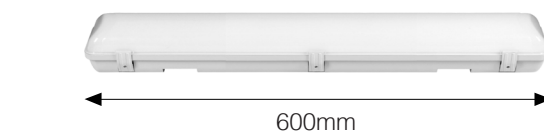
# Linear-Q™ Generation 2

LL4LQ2W Weatherproof Series LED Battens



## Linear-Q Weatherproof Features at a Glance

- Range: 2400Lm, 20W
- Up to 120Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Grey Vandal Resistant Body
- Quick-mount clip together assembly
- Corrosion resistant nylon clips
- IP65 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Emergency options available
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

Linear-Q Weatherproof products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

Linear-Q Weatherproof products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q Weatherproof products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 120Lm/W.

## Environment and Safety

Linear-Q Weatherproof products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: Linear-Q Weatherproof

**Example:** Linear-Q Weatherproof, 600mm, Output Level 2, 120° Beam Angle, 4000K, Grey Fixture **LL4LQ2W62NW**

Product Group		Group Designation		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof	LQ2W	1-10V Dimmable		600mm	6	Twin	2	6500K	C6	Grey	
				DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2W Weatherproof Series LED Battens



## Physical

Length:	600mm
Width:	125mm
Height:	84mm
Mounting Hole Centres:	350mm
Weight:	1.25kg

## Control and Programming

Dimming:	1-10V
----------	-------

## Construction

Colour:	Grey
Body:	Polycarbonate
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection
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## Output

Luminous Flux 4000K:	2400Lm
Efficacy:	up to 120Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	20W
Power Factor:	0.90

## Thermal

Storage Temperature:	-40°C to +80°C
Operating Range Ta:	-35°C to +50°C
Humidity (non-condensing):	10-100%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



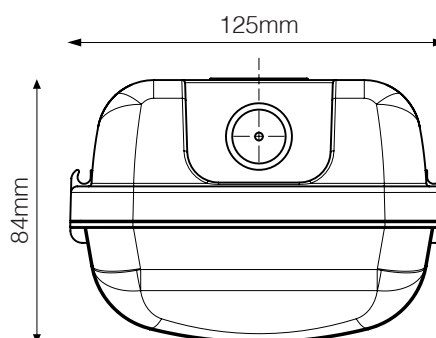
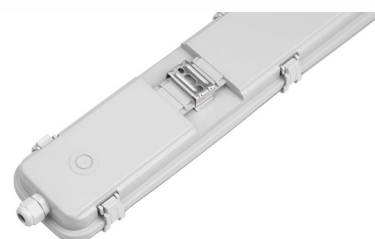
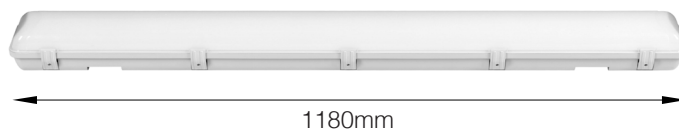
# Linear-Q™ Generation 2

LL4LQ2W Weatherproof Series LED Battens



## Linear-Q Weatherproof Features at a Glance

- Range: 2400Lm, 20W
- Up to 120Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Grey Vandal Resistant Body
- Quick-mount clip together assembly
- Corrosion resistant nylon clips
- IP65 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Emergency options available
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

Linear-Q Weatherproof products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

Linear-Q Weatherproof products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q Weatherproof products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 120Lm/W.

## Environment and Safety

Linear-Q Weatherproof products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: Linear-Q Weatherproof

**Example:** Linear-Q Weatherproof, 1180mm, Output Level 1, 120° Beam Angle, 4000K, Grey Fixture **LL4LQ2W121NW**

Product Group		Group Designation		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof	LQ2W	1-10V Dimmable		1200mm	12	Single	1	6500K	C6	Grey	
				DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2W Weatherproof Series LED Battens



## Physical

Length:	1180mm
Width:	125mm
Height:	84mm
Mounting Hole Centres:	850mm
Weight:	2.3kg

## Control and Programming

Dimming:	1-10V
----------	-------

## Construction

Colour:	Grey
Body:	Polycarbonate
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	2400Lm
Efficacy:	up to 120Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	20W
Power Factor:	0.90

## Thermal

Storage Temperature:	-40°C to +80°C
Operating Range Ta:	-35°C to +50°C
Humidity (non-condensing):	10-100%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



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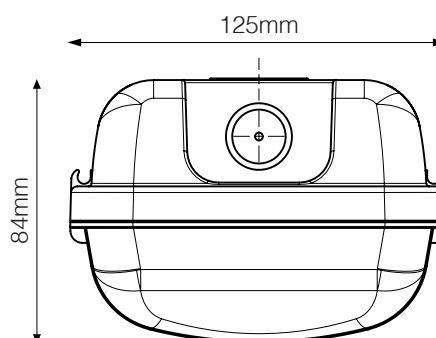
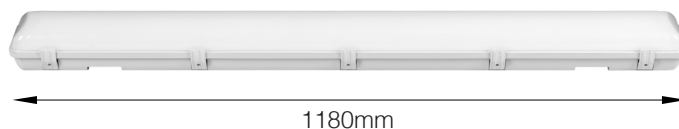
# Linear-Q™ Generation 2

LL4LQ2W Weatherproof Series LED Battens



## Linear-Q Weatherproof Features at a Glance

- Range: 4800Lm, 40W
- Up to 120Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Grey Vandal Resistant Body
- Quick-mount clip together assembly
- Corrosion resistant nylon clips
- IP65 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Emergency options available
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

Linear-Q Weatherproof products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

Linear-Q Weatherproof products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q Weatherproof products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 120Lm/W.

## Environment and Safety

Linear-Q Weatherproof products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: Linear-Q Weatherproof

**Example:** Linear-Q Weatherproof, 1180mm, Output Level 2, 120° Beam Angle, 4000K, Grey Fixture **LL4LQ2W122NW**

Product Group		Group Designation		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof	LQ2W	1-10V Dimmable		1200mm	12	Twin	2	6500K	C6	Grey	
				DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2W Weatherproof Series LED Battens



## Physical

Length:	1180mm
Width:	125mm
Height:	84mm
Mounting Hole Centres:	850mm
Weight:	2.3kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	Grey
Body:	Polycarbonate
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection
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## Output

Luminous Flux 4000K:	4800Lm
Efficacy:	up to 120Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	40W
Power Factor:	0.90

## Thermal

Storage Temperature:	-40°C to +80°C
Operating Range Ta:	-35°C to +50°C
Humidity (non-condensing):	10-100%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.





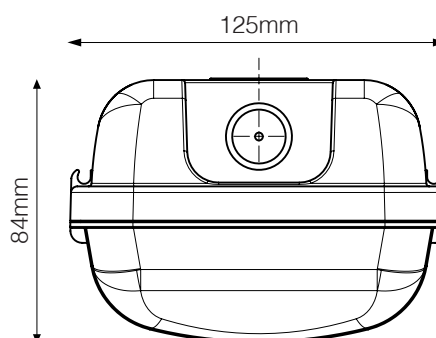
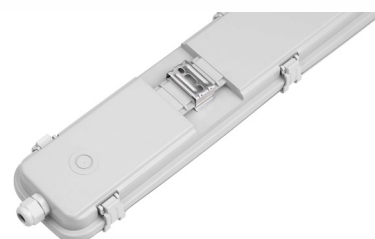
# Linear-Q™ Generation 2

LL4LQ2W Weatherproof Series LED Battens



## Linear-Q Weatherproof Features at a Glance

- Range: 3600Lm, 30W
- Up to 120Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Grey Vandal Resistant Body
- Quick-mount clip together assembly
- Corrosion resistant nylon clips
- IP65 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Emergency options available
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

Linear-Q Weatherproof products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

Linear-Q Weatherproof products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q Weatherproof products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 120Lm/W.

## Environment and Safety

Linear-Q Weatherproof products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: Linear-Q Weatherproof

**Example:** Linear-Q Weatherproof, 1480mm, Output Level 1, 120° Beam Angle, 4000K, Grey Fixture **LL4LQ2W151NW**

Product Group		Group Designation		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof	LQ2W	1-10V Dimmable		1440mm	15	Single	1	6500K	C6	Grey	
				DALI	DD					4000K	N		



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# Linear-Q™ Generation 2

LL4LQ2W Weatherproof Series LED Battens



## Physical

Length:	1480mm
Width:	125mm
Height:	84mm
Mounting Hole Centres:	1000mm
Weight:	2.5kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	Grey
Body:	Polycarbonate
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection
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## Output

Luminous Flux 4000K:	3600Lm
Efficacy:	up to 120Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	30W
Power Factor:	0.90

## Thermal

Storage Temperature:	-40°C to +80°C
Operating Range Ta:	-35°C to +50°C
Humidity (non-condensing):	10-100%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



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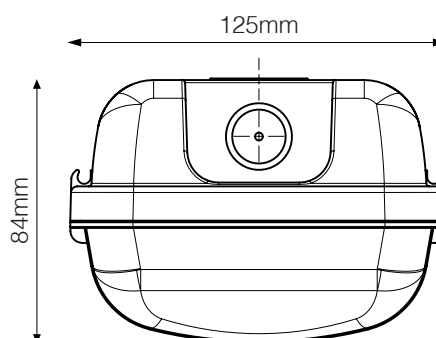
# Linear-Q™ Generation 2

LL4LQ2W Weatherproof Series LED Battens



## Linear-Q Weatherproof Features at a Glance

- Range: 6600Lm, 55W
- Up to 120Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Grey Vandal Resistant Body
- Quick-mount clip together assembly
- Corrosion resistant nylon clips
- IP65 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Emergency options available
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

Linear-Q Weatherproof products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

Linear-Q Weatherproof products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q Weatherproof products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 120Lm/W.

## Environment and Safety

Linear-Q Weatherproof products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: Linear-Q Weatherproof

**Example:** Linear-Q Weatherproof, 1480mm, Output Level 2, 120° Beam Angle, 4000K, Grey Fixture **LL4LQ2W152NW**

Product Group		Group Designation		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof	LQ2W	1-10V Dimmable		1440mm	15	Twin	2	6500K	C6	Grey	
				DALI	DD					4000K	N		



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# Linear-Q™ Generation 2

LL4LQ2W Weatherproof Series LED Battens



## Physical

Length:	1480mm
Width:	125mm
Height:	84mm
Mounting Hole Centres:	1000mm
Weight:	2.5kg

## Control and Programming

Dimming:	1-10V
----------	-------

## Construction

Colour:	Grey
Body:	Polycarbonate
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	6600Lm
Efficacy:	up to 120Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	55W
Power Factor:	0.90

## Thermal

Storage Temperature:	-40°C to +80°C
Operating Range Ta:	-35°C to +50°C
Humidity (non-condensing):	10-100%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



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# Zone Control

LL4LQ2M Remote



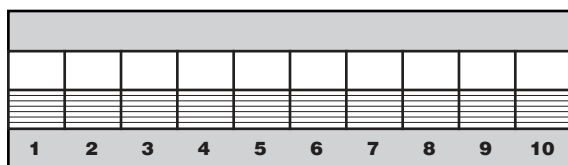
## Zone Control Specifications

<b>Operating Voltage:</b>	240Vac
<b>Rated Load:</b>	1200VA @ 240Vac
<b>HF System:</b>	5.8GHz
<b>Power Consumption:</b>	<1W (Operation)
<b>Dim Control Output:</b>	0-10V, max, 25mA sinking current
<b>Detection radius/angle:</b>	8m/360°
<b>Mounting Height:</b>	2.3m to 6m
<b>Remote Range:</b>	10m indoor
<b>Humidity:</b>	Max. 95% RH
<b>Transmission Power:</b>	<0.2mW



## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



Sensor Range and Sensitivity

1	2	
▼	▼	20%
▼	▲	50%
▲	▼	75%
▲	▲	100%



Hold Time

3	4	
▼	▼	10s
▼	▲	1min
▲	▼	5min
▲	▲	15min



Light Level Activation Threshold

5	6	
▼	▼	Light sensor disable
▼	▲	10Lux
▲	▼	30Lux
▲	▲	50Lux



Minimum Dim Level

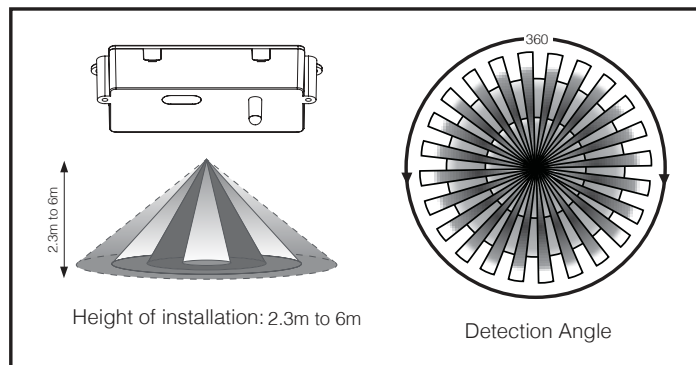
7	8	
▼	▼	0%
▼	▲	10%
▲	▼	30%
▲	▲	50%



Dim to Off Time

9	10	
▼	▼	+∞
▼	▲	1min
▲	▼	30min
▲	▲	60min

## Sensor Information



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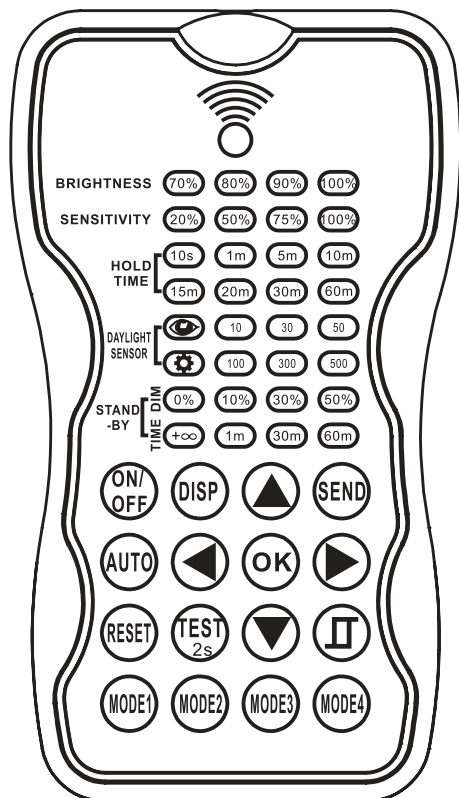


# Zone Control

LL4LQ2M Remote



## Remote Control Operation



ON/OFF	Luminaire defaults to permanent ON or permanent OFF mode. Sensor is disabled. To exit this mode press AUTO	AUTO	Sensor reverts back to the latest parameters before lights were switched on/off permanently
DISP	Displays the current settings using the LED indicators on the remote control		
RESET	Reset all settings to those on those configured on the DIP switch located on the back of the sensor		
▲ ▼	Enter setting mode. Navigate up and down during setting mode		
◀ ▶	Navigate left and right during setting mode		
OK	Stores selected parameters during setting mode	TEST 2s	Used for testing sensitivity range during initial setup. Standby period and daylight sensor are disabled in this mode. Hold time is set to 2s. Set sensitivity when in setting mode. Press TEST 2s to enter sensitivity test mode. This will allow the user to test the sensitivity at each set point (20%, 50%, 75%, 100%)
SEND	Upload selected parameters to sensors		
MODE1 MODE2 MODE3 MODE4	4 scene modes with preset parameters. Parameters for each mode can be changed by entering setting mode after pressing MODE1, MODE2, MODE3 or MODE4		Press AUTO to exit sensitivity test mode

## LED Indicators

LED Indicator	Description
Brightness	Set the output brightness level (%) of the LED luminaire during occupancy
Sensitivity	Set occupancy sensing sensitivity of the sensor
Hold Time	Set hold time during occupancy
Daylight Sensor	Set daylight threshold. Sensor operates only below set lux level
	Set the current surrounding lux level as the daylight threshold
	Disable daylight sensor
Stand-by dim	Set the light output level in % during vacancy. Set to 0 for light off during vacancy
stand-by time	Set dim to off time

# Linear-Q™ Generation 2

LL4LQ2WE Weatherproof Emergency Series LED Battens



## Linear-Q Weatherproof Emergency Features at a Glance

- Range: 1200Lm, 10W
- Up to 120Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Grey Vandal Resistant Body
- Quick-mount clip together assembly
- Corrosion resistant nylon clips
- IP65 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Emergency options available
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

Linear-Q Weatherproof products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

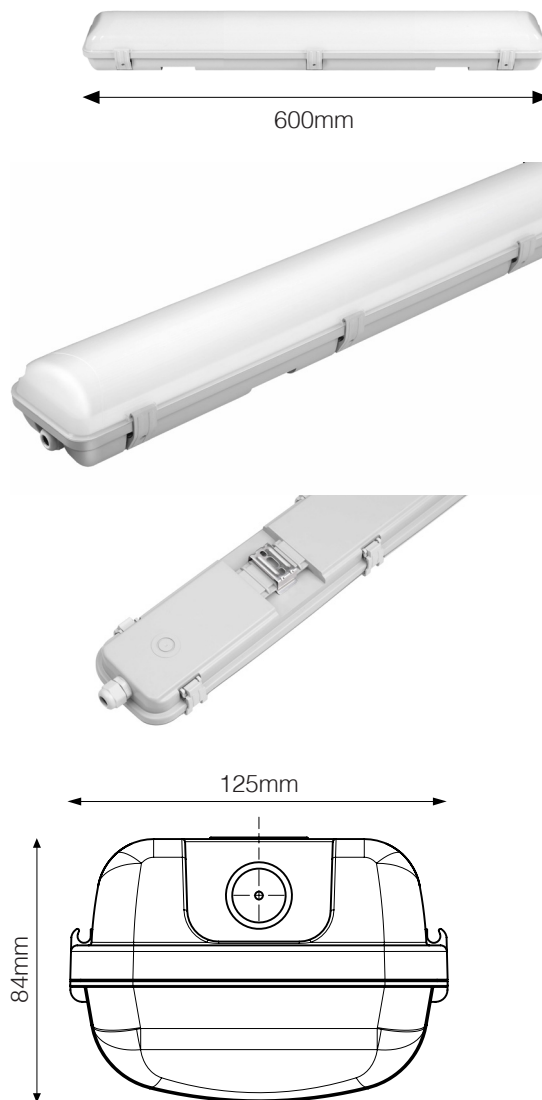
Linear-Q Weatherproof products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q Weatherproof products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 120Lm/W.

## Environment and Safety

Linear-Q Weatherproof products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q Weatherproof Emergency

**Example:** Linear-Q Weatherproof Emergency, 600mm, Output Level 1, 120° Beam Angle, 4000K, Grey Fixture **LL4LQ2WE61NW**

Product Group		Group Designation		Additional Features		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof	LQ2W	Emergency	E	1-10V Dimmable		600mm	6	Single	1	6500K	C6	Grey	
						DALI	DD					4000K	N		



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# Linear-Q™ Generation 2

LL4LQ2WE Weatherproof Emergency Series LED Battens



## Physical

Length:	600mm
Width:	125mm
Height:	84mm
Mounting Hole Centres:	350mm
Weight:	1.25kg

## Control and Programming

Dimming:	1-10V
----------	-------

## Construction

Colour:	Grey
Body:	Polycarbonate
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	1200Lm
Efficacy:	up to 120Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	10W
Power Factor:	0.90

## Thermal

Storage Temperature:	-40°C to +80°C
Operating Range Ta:	-35°C to +50°C
Humidity (non-condensing):	10-100%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Emergency Specifications

Maximum Emergency Power:	2W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 1.5Ah
Input Voltage:	220-240VAC
Input Current:	35-60mA
Output Voltage:	10...42VDC,
Output Current:	500mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...50°C
Emergency Classification:	C0, C180: D63 (21.1m) C90, C270: D40 (18m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.



# Linear-Q™ Generation 2

LL4LQ2WE Weatherproof Emergency Series LED Battens



## Linear-Q Weatherproof Emergency Features at a Glance

- Range: 2400Lm, 20W
- Up to 120Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Grey Vandal Resistant Body
- Quick-mount clip together assembly
- Corrosion resistant nylon clips
- IP65 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Emergency options available
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

Linear-Q Weatherproof products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

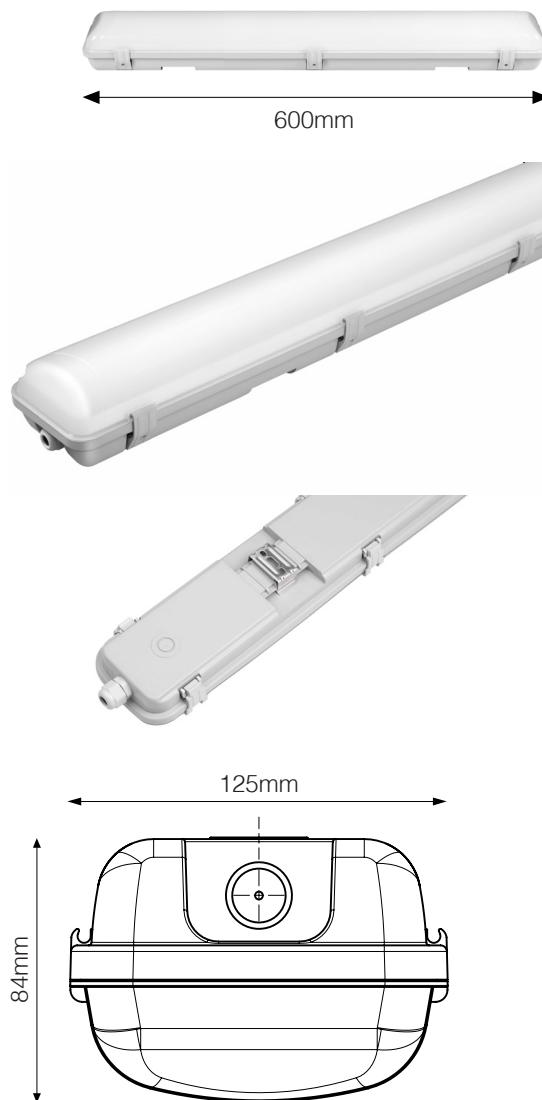
Linear-Q Weatherproof products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q Weatherproof products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 120Lm/W.

## Environment and Safety

Linear-Q Weatherproof products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q Weatherproof Emergency

**Example:** Linear-Q Weatherproof Emergency, 600mm, Output Level 2, 120° Beam Angle, 4000K, Grey Fixture **LL4LQ2WE62NW**

Product Group		Group Designation		Additional Features		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof	LQ2W	Emergency	E	1-10V Dimmable		600mm	6	Twin	2	6500K	C6	Grey	
						DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2WE Weatherproof Emergency Series LED Battens



## Physical

Length:	600mm
Width:	125mm
Height:	84mm
Mounting Hole Centres:	350mm
Weight:	1.25kg

## Control and Programming

Dimming:	1-10V
----------	-------

## Construction

Colour:	Grey
Body:	Polycarbonate
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	2400Lm
Efficacy:	up to 120Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	20W
Power Factor:	0.90

## Thermal

Storage Temperature:	-40°C to +80°C
Operating Range Ta:	-35°C to +50°C
Humidity (non-condensing):	10-100%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Emergency Specifications

Maximum Emergency Power:	2W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 1.5Ah
Input Voltage:	220-240VAC
Input Current:	35-60mA
Output Voltage:	10...42VDC,
Output Current:	500mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...50°C
Emergency Classification:	C0, C180: D63 (21.1m) C90, C270: D40 (18m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.



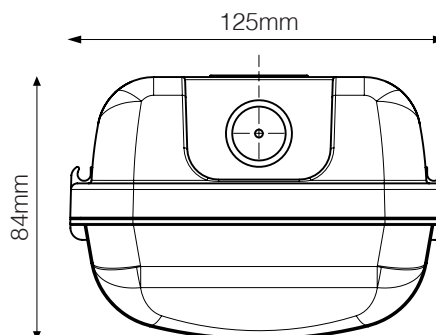
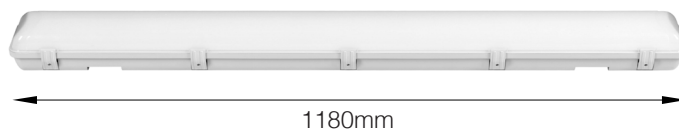
# Linear-Q™ Generation 2

LL4LQ2WE Weatherproof Emergency Series LED Battens



## Linear-Q Weatherproof Emergency Features at a Glance

- Range: 2400Lm, 20W
- Up to 120Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Grey Vandal Resistant Body
- Quick-mount clip together assembly
- Corrosion resistant nylon clips
- IP65 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Emergency options available
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

Linear-Q Weatherproof products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

Linear-Q Weatherproof products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q Weatherproof products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 120Lm/W.

## Environment and Safety

Linear-Q Weatherproof products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: Linear-Q Weatherproof Emergency

**Example:** Linear-Q Weatherproof Emergency, 1180mm, Output Level 1, 120° Beam Angle, 4000K, Grey Fixture **LL4LQ2WE121NW**

Product Group		Group Designation		Additional Features		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof	LQ2W	Emergency	E	1-10V Dimmable		1200mm	12	Single	1	6500K	C6	Grey	
						DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2WE Weatherproof Emergency Series LED Battens



## Physical

Length:	1180mm
Width:	125mm
Height:	84mm
Mounting Hole Centres:	850mm
Weight:	2.3kg

## Control and Programming

Dimming:	1-10V
----------	-------

## Construction

Colour:	Grey
Body:	Polycarbonate
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	2400Lm
Efficacy:	up to 120Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	20W
Power Factor:	0.90

## Thermal

Storage Temperature:	-40°C to +80°C
Operating Range Ta:	-35°C to +50°C
Humidity (non-condensing):	10-100%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Emergency Specifications

Maximum Emergency Power:	2W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 1.5Ah
Input Voltage:	220-240VAC
Input Current:	35-60mA
Output Voltage:	10...42VDC,
Output Current:	500mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...50°C
Emergency Classification:	C0, C180: D63 (21.1m) C90, C270: D40 (18m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.



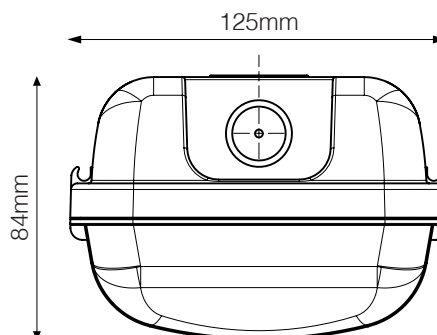
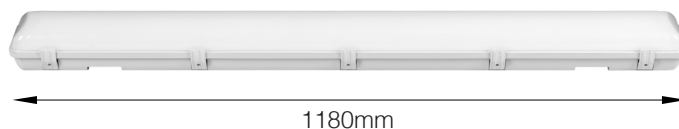
# Linear-Q™ Generation 2

LL4LQ2WE Weatherproof Emergency Series LED Battens



## Linear-Q Weatherproof Emergency Features at a Glance

- Range: 4800Lm, 40W
- Up to 120Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Grey Vandal Resistant Body
- Quick-mount clip together assembly
- Corrosion resistant nylon clips
- IP65 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Emergency options available
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

Linear-Q Weatherproof products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

Linear-Q Weatherproof products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q Weatherproof products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 120Lm/W.

## Environment and Safety

Linear-Q Weatherproof products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: Linear-Q Weatherproof Emergency

**Example:** Linear-Q Weatherproof Emergency, 1180mm, Output Level 2, 120° Beam Angle, 4000K, Grey Fixture **LL4LQ2WE122NW**

Product Group		Group Designation		Additional Features		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof	LQ2W	Emergency	E	1-10V Dimmable		1200mm	12	Twin	2	6500K	C6	Grey	
						DALI	DD					4000K	N		



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# Linear-Q™ Generation 2

LL4LQ2WE Weatherproof Emergency Series LED Battens



## Physical

Length:	1180mm
Width:	125mm
Height:	84mm
Mounting Hole Centres:	850mm
Weight:	2.3kg

## Control and Programming

Dimming:	1-10V
----------	-------

## Construction

Colour:	Grey
Body:	Polycarbonate
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	4800Lm
Efficacy:	up to 120Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	40W
Power Factor:	0.90

## Thermal

Storage Temperature:	-40°C to +80°C
Operating Range Ta:	-35°C to +50°C
Humidity (non-condensing):	10-100%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Emergency Specifications

Maximum Emergency Power:	2.5W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 1.5Ah
Input Voltage:	220-240VAC
Input Current:	150mA±10%
Output Voltage:	10...60VDC,
Output Current:	26mA...135mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...45°C
Emergency Classification:	C0, C180: D40 (18m) C90, C270: D25 (15.3m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.





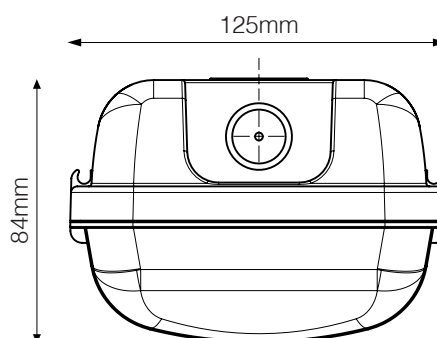
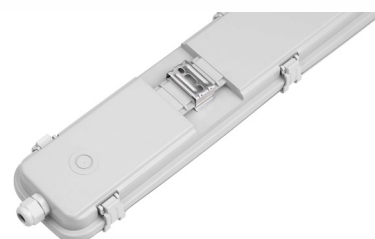
# Linear-Q™ Generation 2

LL4LQ2WE Weatherproof Emergency Series LED Battens



## Linear-Q Weatherproof Emergency Features at a Glance

- Range: 3600Lm, 30W
- Up to 120Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Grey Vandal Resistant Body
- Quick-mount clip together assembly
- Corrosion resistant nylon clips
- IP65 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Emergency options available
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

Linear-Q Weatherproof products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

Linear-Q Weatherproof products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q Weatherproof products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 120Lm/W.

## Environment and Safety

Linear-Q Weatherproof products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: Linear-Q Weatherproof Emergency

**Example:** Linear-Q Weatherproof Emergency, 1480mm, Output Level 1, 120° Beam Angle, 4000K, Grey Fixture **LL4LQ2WE151NW**

Product Group		Group Designation		Additional Features		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof	LQ2W	Emergency	E	1-10V Dimmable		1480mm	15	Single	1	6500K	C6	Grey	
						DALI	DD					4000K	N		



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# Linear-Q™ Generation 2

LL4LQ2WE Weatherproof Emergency Series LED Battens



## Physical

Length:	1480mm
Width:	125mm
Height:	84mm
Mounting Hole Centres:	1000mm
Weight:	2.5kg

## Control and Programming

Dimming:	1-10V
----------	-------

## Construction

Colour:	Grey
Body:	Polycarbonate
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	3600Lm
Efficacy:	up to 120Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	30W
Power Factor:	0.90

## Thermal

Storage Temperature:	-40°C to +80°C
Operating Range Ta:	-35°C to +50°C
Humidity (non-condensing):	10-100%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Emergency Specifications

Maximum Emergency Power:	2.5W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 1.5Ah
Input Voltage:	220-240VAC
Input Current:	150mA±10%
Output Voltage:	10...60VDC,
Output Current:	26mA...135mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...45°C
Emergency Classification:	C0, C180: D40 (18m) C90, C270: D25 (15.3m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.



# Linear-Q™ Generation 2

LL4LQ2WE Weatherproof Emergency Series LED Battens



## Linear-Q Weatherproof Emergency Features at a Glance

- Range: 6600Lm, 55W
- Up to 120Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Grey Vandal Resistant Body
- Quick-mount clip together assembly
- Corrosion resistant nylon clips
- IP65 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Emergency options available
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

Linear-Q Weatherproof products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

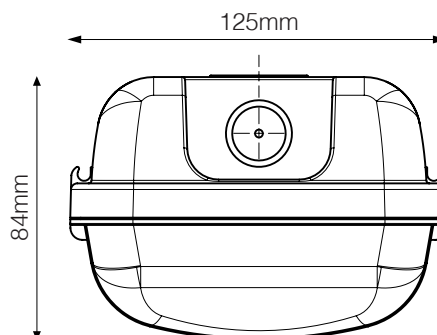
Linear-Q Weatherproof products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q Weatherproof products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 120Lm/W.

## Environment and Safety

Linear-Q Weatherproof products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q Weatherproof Emergency

**Example:** Linear-Q Weatherproof Emergency, 1480mm, Output Level 2, 120° Beam Angle, 4000K, Grey Fixture **LL4LQ2WE152NW**

Product Group		Group Designation		Additional Features		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof	LQ2W	Emergency	E	1-10V Dimmable		1480mm	15	Twin	2	6500K	C6	Grey	
						DALI	DD					4000K	N		



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# Linear-Q™ Generation 2

LL4LQ2WE Weatherproof Emergency Series LED Battens



## Physical

Length:	1480mm
Width:	125mm
Height:	84mm
Mounting Hole Centres:	1000mm
Weight:	2.5kg

## Control and Programming

Dimming:	1-10V
----------	-------

## Construction

Colour:	Grey
Body:	Polycarbonate
Impact Rating:	IK08
Protection Rating:	IP65

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	6600Lm
Efficacy:	up to 120Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	55W
Power Factor:	0.90

## Thermal

Storage Temperature:	-40°C to +80°C
Operating Range Ta:	-35°C to +50°C
Humidity (non-condensing):	10-100%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Emergency Specifications

Maximum Emergency Power:	2.5W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 1.5Ah
Input Voltage:	220-240VAC
Input Current:	150mA±10%
Output Voltage:	10...60VDC,
Output Current:	26mA...135mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...45°C
Emergency Classification:	C0, C180: D40 (18m) C90, C270: D25 (15.3m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.



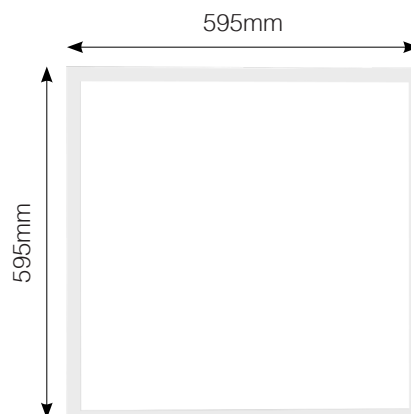
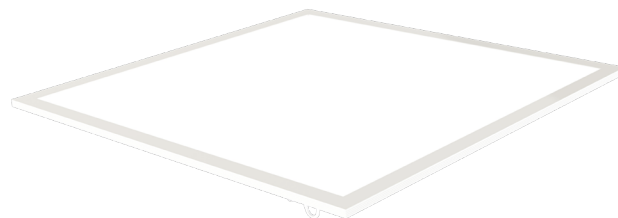
# NovaBlade™ 3.0

LL9P3X66U Series LED Panels



## NovaBlade 3.0 Features at a Glance

- Range: 4400Lm, 40W
- Up to 110Lm/W
- UGR<19 using NEW micro prismatic diffuser
- Projected Lifetime L80B10: 74,518 hours
- Colour Temperatures: 4000K and 6000K
- Beam angle 120°
- 1-10V dimming capability as standard
- Colour rendering CRI > 90
- Powder coat white frame
- IP40 Protection rating
- Thin and light weight
- Immune to Ripple Frequency Interference
- 1.2m Flex and Plug fitted
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

NovaBlade 3.0 products are 1-10V dimmable as standard. DALI and Casambi dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system or CASAMBI. Contact LUMEX for further information.

## Ripple Frequency Interference

NovaBlade 3.0 products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaBlade 3.0 products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 110Lm/W.

## Environment and Safety

NovaBlade 3.0 products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: NovaBlade 3.0

**Example:** NovaBlade 3.0 Excalibur Panel, 595mm x 595mm, Beam angle 120°, UGR<19, 4000K, 4200Lm **LL9P3X66UN**

Product Group		Group Designation		Dimming		Panel Size		Colour Temperature	
Light Sources	LL9	NovaBlade Generation 3 Excalibur	P3X	1-10V		595 x 595 UGR<19	66U	Natural White (4000K)	N
				DALI	DD			Cool White (6000K)	C
				CASAMBI	CS				



# NovaBlade™ 3.0

LL9P3X66U Series LED Panels



## Physical

Length:	595mm
Width:	295mm
Height:	8.9mm
Weight:	1.8kg
Area of illumination:	557mm x 257mm

## Installation

NovaBlade LED panels are suitable for metric T-Bar ceiling grids. Surface, Recessed and Semi Recessed kits are optional.

## Control and Programming

Dimming:	1-10V standard
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## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP40

## Connection

Power Connection:	Flex and plug
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## Output

Luminous Flux:	4400Lm
Efficacy:	up to 110Lm/W
Beam Angle:	120°
CRI:	>90

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	40W
Power Factor:	0.90

## Thermal

Cooling:	Convection, Conduction
Storage Temperature:	-30°C to +65°C
Operating Range Ta:	-20°C to +50°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



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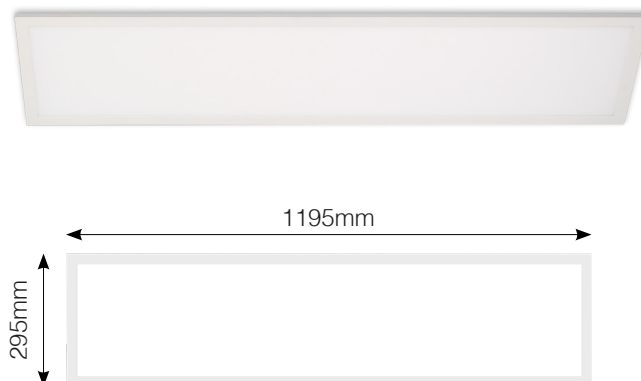
# NovaBlade™ 3.0

LL9P3X123U Series LED Panels



## NovaBlade 3.0 Features at a Glance

- Range: 4400Lm, 40W
- Up to 110Lm/W
- UGR<19 using NEW micro prismatic diffuser
- Projected Lifetime L80B10: 74,518 hours
- Colour Temperatures: 4000K and 6000K
- Beam angle 120°
- 1-10V dimming capability as standard
- Colour rendering CRI > 90
- Powder coat white frame
- IP40 Protection rating
- Thin and light weight
- Immune to Ripple Frequency Interference
- 1.2m Flex and Plug fitted
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

NovaBlade 3.0 products are 1-10V dimmable as standard. DALI and Casambi dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system or CASAMBI. Contact LUMEX for further information.

## Ripple Frequency Interference

NovaBlade 3.0 products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaBlade 3.0 products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 110Lm/W.

## Environment and Safety

NovaBlade 3.0 products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: NovaBlade 3.0

**Example:** NovaBlade 3.0 Panel, 1195mm x 295mm, Beam angle 120°, UGR<19, 4000K, 4200Lm **LL9P3X123UN**

Product Group		Group Designation		Dimming		Panel Size		Colour Temperature	
Light Sources	LL9	NovaBlade Generation 3 Excalibur	P3X	1-10V		1195 x 295 UGR<19	123U	Natural White (4000K)	N
				DALI	DD			Cool White (6000K)	C
				CASAMBI	CS				





# NovaBlade™ 3.0

LL9P3X123U Series LED Panels



## Physical

Length:	1195mm
Width:	295mm
Height:	8.9mm
Weight:	3.8kg
Area of illumination:	1157mm x 257mm

## Installation

NovaBlade LED panels are suitable for metric T-Bar ceiling grids.  
Surface, Recessed and Semi Recessed kits are optional.

## Control and Programming

Dimming:	1-10V standard
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## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP40

## Connection

Power Connection:	Flex and plug
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## Output

Luminous Flux:	4400Lm
Efficacy:	up to 110Lm/W
Beam Angle:	120°
CRI:	>90

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	40W
Power Factor:	0.90

## Thermal

Cooling:	Convection, Conduction
Storage Temperature:	-30°C to +65°C
Operating Range Ta:	-20°C to +50°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



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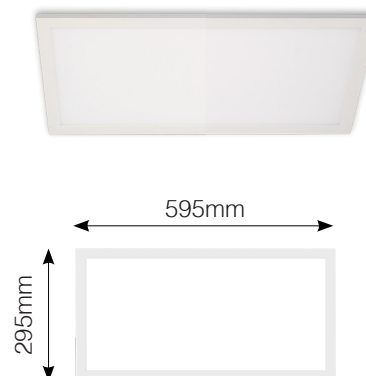
# NovaBlade™ 3.0

LL9P363U Series LED Panels



## NovaBlade 3.0 Features at a Glance

- Range: 1980Lm, 18W
- Up to 110Lm/W
- UGR<19 using NEW micro prismatic diffuser
- Projected Lifetime L80B10: 74,518 hours
- Colour Temperatures: 4000K and 6000K
- Beam angle 120°
- 1-10V dimming capability as standard
- Colour rendering CRI > 90
- Powder coat white frame
- IP40 Protection rating
- Thin and light weight
- Immune to Ripple Frequency Interference
- 1.2m Flex and Plug fitted
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

NovaBlade 3.0 products are 1-10V dimmable as standard. DALI and Casambi dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system or CASAMBI. Contact LUMEX for further information.

## Ripple Frequency Interference

NovaBlade 3.0 products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaBlade 3.0 products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 110Lm/W.

## Environment and Safety

NovaBlade 3.0 products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: NovaBlade 3.0

**Example:** NovaBlade 3.0 Panel, 595mm x 295mm, Beam angle 120°, UGR<19, 4000K, 1890Lm **LL9P363UN**

Product Group		Group Designation		Dimming		Panel Size		Colour Temperature	
Light Sources	LL9	NovaBlade Generation 3	P3	1-10V		595 x 295 UGR<19	63U	Natural White (4000K)	N
				DALI	DD			Cool White (6000K)	C
				CASAMBI	CS				



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# NovaBlade™ 3.0

LL9P363U Series LED Panels



## Physical

Length:	595mm
Width:	295mm
Height:	10mm
Weight:	1.8kg
Area of illumination:	545mm x 245mm

## Installation

NovaBlade LED panels are suitable for metric T-bar ceiling grids. Surface, Recessed and Semi Recessed kits are optional.

## Control and Programming

Dimming:	1-10V standard
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## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP40

## Connection

Power Connection:	Flex and plug
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## Output

Luminous Flux:	1980Lm
Efficacy:	up to 110Lm/W
Beam Angle:	120°
CRI:	>90

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	18W
Power Factor:	0.90

## Thermal

Cooling:	Convection, Conduction
Storage Temperature:	-30°C to +65°C
Operating Range Ta:	-20°C to +50°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



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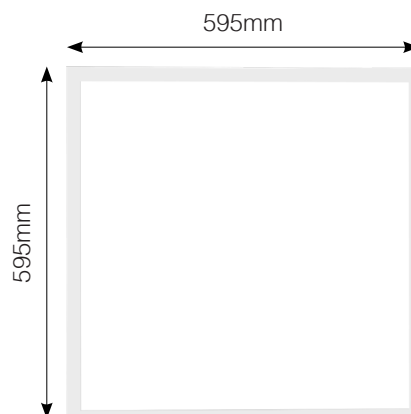
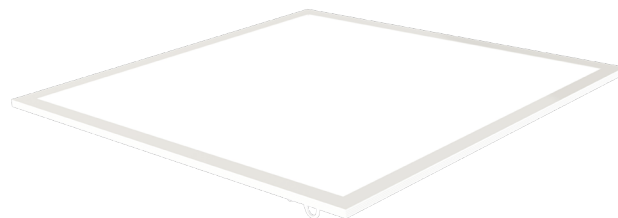
# NovaBlade™ 3.0

LL9P366EU Series LED Panels



## NovaBlade 3.0 Features at a Glance

- Range: 2530Lm, 23W
- Up to 110Lm/W
- UGR<19 using NEW micro prismatic diffuser
- Projected Lifetime L80B10: 74,518 hours
- Colour Temperatures: 4000K and 6000K
- Beam angle 120°
- 1-10V dimming capability as standard
- Colour rendering CRI > 90
- Powder coat white frame
- IP40 Protection rating
- Thin and light weight
- Immune to Ripple Frequency Interference
- 1.2m Flex and Plug fitted
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

NovaBlade 3.0 products are 1-10V dimmable as standard. DALI and Casambi dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system or CASAMBI. Contact LUMEX for further information.

## Ripple Frequency Interference

NovaBlade 3.0 products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaBlade 3.0 products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 110Lm/W.

## Environment and Safety

NovaBlade 3.0 products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: NovaBlade 3.0

**Example:** NovaBlade 3.0 Eco Panel, 600mm x 600mm, Beam angle 120°, UGR<19, 4000K, 2415Lm **LL9P366EUN**

Product Group		Group Designation		Dimming		Panel Size		Colour Temperature	
Light Sources	LL9	NovaBlade Generation 3	P3	1-10V		600 x 600 Eco UGR<19	66EU	Natural White (4000K)	N
				DALI	DD			Cool White (6000K)	C
				CASAMBI	CS				



# NovaBlade™ 3.0

LL9P366EU Series LED Panels



## Physical

Length:	595mm
Width:	595mm
Height:	10mm
Weight:	3.6kg
Area of illumination:	545mm x 545mm

## Installation

NovaBlade LED panels are suitable for metric T-Bar ceiling grids.  
Surface, Recessed and Semi Recessed kits are optional.

## Control and Programming

Dimming:	1-10V standard
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## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP40

## Connection

Power Connection:	Flex and plug
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## Output

Luminous Flux:	2530Lm
Efficacy:	up to 110Lm/W
Beam Angle:	120°
CRI:	>90

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	23W
Power Factor:	0.90

## Thermal

Cooling:	Convection, Conduction
Storage Temperature:	-30°C to +65°C
Operating Range Ta:	-20°C to +50°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
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Specifications subject to change without notice.



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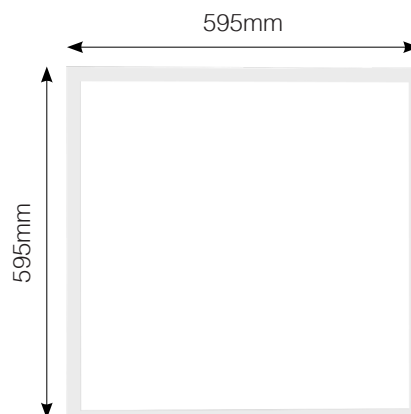
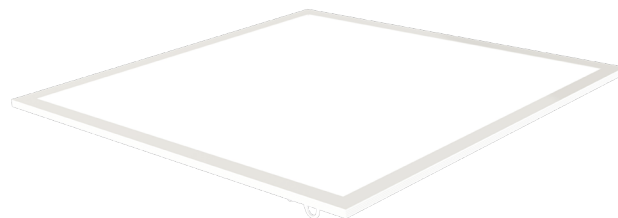
# NovaBlade™ 3.0

LL9P366U Series LED Panels



## NovaBlade 3.0 Features at a Glance

- Range: 3300Lm, 30W
- Up to 110Lm/W
- UGR<19 using NEW micro prismatic diffuser
- Projected Lifetime L80B10: 74,518 hours
- Colour Temperatures: 4000K and 6000K
- Beam angle 120°
- 1-10V dimming capability as standard
- Colour rendering CRI > 90
- Powder coat white frame
- IP40 Protection rating
- Thin and light weight
- Immune to Ripple Frequency Interference
- 1.2m Flex and Plug fitted
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

NovaBlade 3.0 products are 1-10V dimmable as standard. DALI and Casambi dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system or CASAMBI. Contact LUMEX for further information.

## Ripple Frequency Interference

NovaBlade 3.0 products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaBlade 3.0 products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 110Lm/W.

## Environment and Safety

NovaBlade 3.0 products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: NovaBlade 3.0

**Example:** NovaBlade 3.0 Panel, 595mm x 595mm, Beam angle 120°, UGR<19, 4000K, 3150Lm **LL9P366UN**

Product Group		Group Designation		Dimming		Panel Size		Colour Temperature	
Light Sources	LL9	NovaBlade Generation 3	P3	1-10V		595 x 595 UGR<19	66U	Natural White (4000K)	N
				DALI	DD			Cool White (6000K)	C
				CASAMBI	CS				



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# NovaBlade™ 3.0

LL9P366U Series LED Panels



## Physical

Length:	595mm
Width:	595mm
Height:	10mm
Weight:	3.6kg
Area of illumination:	545mm x 545mm

## Installation

NovaBlade LED panels are suitable for metric T-Bar ceiling grids.  
Surface, Recessed and Semi Recessed kits are optional.

## Control and Programming

Dimming:	1-10V standard
----------	----------------

## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP40

## Connection

Power Connection:	Flex and plug
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## Output

Luminous Flux 4000K:	3300Lm
Efficacy:	up to 110Lm/W
Beam Angle:	120°
CRI:	>90

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	30W
Power Factor:	0.90

## Thermal

Cooling:	Convection, Conduction
Storage Temperature:	-30°C to +65°C
Operating Range Ta:	-20°C to +50°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



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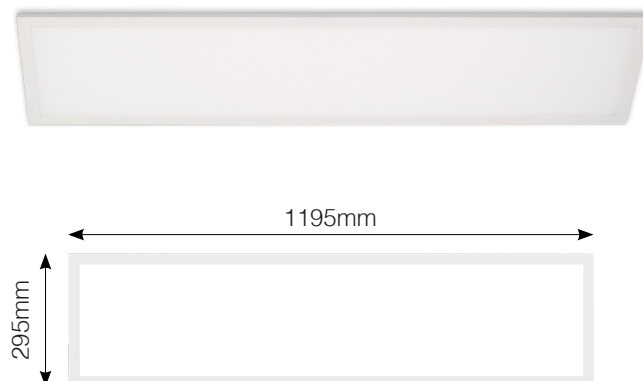
# NovaBlade™ 3.0

LL9P3123EU Series LED Panels



## NovaBlade 3.0 Features at a Glance

- Range: 2530Lm, 23W
- Up to 110Lm/W
- UGR<19 using NEW micro prismatic diffuser
- Projected Lifetime L80B10: 74,518 hours
- Colour Temperatures: 4000K and 6000K
- Beam angle 120°
- 1-10V dimming capability as standard
- Colour rendering CRI > 90
- Powder coat white frame
- IP40 Protection rating
- Thin and light weight
- Immune to Ripple Frequency Interference
- 1.2m Flex and Plug fitted
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

NovaBlade 3.0 products are 1-10V dimmable as standard. DALI and Casambi dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system or CASAMBI. Contact LUMEX for further information.

## Ripple Frequency Interference

NovaBlade 3.0 products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaBlade 3.0 products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 110Lm/W.

## Environment and Safety

NovaBlade 3.0 products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: NovaBlade 3.0

**Example:** NovaBlade 3.0 Eco Panel, 1195mm x 295mm, Beam angle 120°, UGR<19, 4000K, 2415Lm **LL9P3123EUN**

Product Group		Group Designation		Dimming		Panel Size		Colour Temperature	
Sources	LL9	NovaBlade Generation 3	P3	1-10V		1195 x 295 Eco	123EU	Natural White (4000K)	N
				DALI	DD			Cool White (6000K)	C
				CASAMBI	CS				



# NovaBlade™ 3.0

LL9P3123EU Series LED Panels



## Physical

Length:	1195mm
Width:	295mm
Height:	10mm
Weight:	3.6kg
Area of illumination:	1145mm x 247mm

## Installation

NovaBlade LED panels are suitable for metric ceiling grids.  
Surface, Recessed and Semi Recessed kits are optional.

## Control and Programming

Dimming:	1-10V standard
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## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP40

## Connection

Power Connection:	Flex and plug
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## Output

Luminous Flux:	2530Lm
Efficacy:	up to 110Lm/W
Beam Angle:	120°
CRI:	>90

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	23W
Power Factor:	0.90

## Thermal

Cooling:	Convection, Conduction
Storage Temperature:	-30°C to +65°C
Operating Range Ta:	-20°C to +50°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



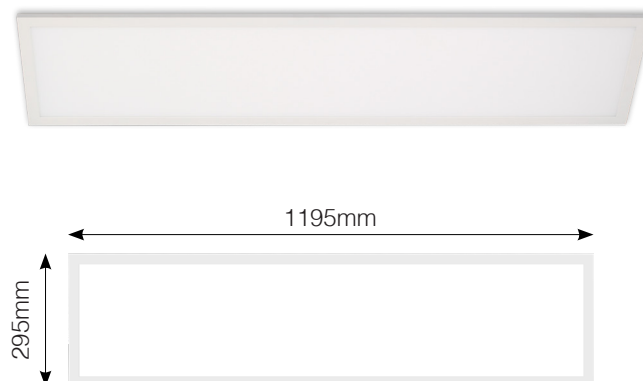
# NovaBlade™ 3.0

LL9P3123U Series LED Panels



## NovaBlade 3.0 Features at a Glance

- Range: 3300Lm, 30W
- Up to 110Lm/W
- UGR<19 using NEW micro prismatic diffuser
- Projected Lifetime L80B10: 74,518 hours
- Colour Temperatures: 4000K and 6000K
- Beam angle 120°
- 1-10V dimming capability as standard
- Colour rendering CRI > 90
- Powder coat white frame
- IP40 Protection rating
- Thin and light weight
- Immune to Ripple Frequency Interference
- 1.2m Flex and Plug fitted
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

NovaBlade 3.0 products are 1-10V dimmable as standard. DALI and Casambi dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system or CASAMBI. Contact LUMEX for further information.

## Ripple Frequency Interference

NovaBlade 3.0 products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaBlade 3.0 products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 110Lm/W.

## Environment and Safety

NovaBlade 3.0 products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: NovaBlade 3.0

**Example:** NovaBlade 3.0 Panel, 1195mm x 295mm, Beam angle 120°, UGR<19, 4000K, 3150Lm **LL9P3123UN**

Product Group		Group Designation		Dimming		Panel Size		Colour Temperature	
Light Sources	LL9	NovaBlade Generation 3	P3	1-10V		1195 x 295 UGR<19	123U	Natural White (4000K)	N
				DALI	DD			Cool White (6000K)	C
				CASAMBI	CS				



# NovaBlade™ 3.0

LL9P3123U Series LED Panels



## Physical

Length:	1195mm
Width:	295mm
Height:	10mm
Weight:	3.6kg
Area of illumination:	1145mm x 247mm

## Installation

NovaBlade LED panels are suitable for metric T-Bar ceiling grids. Surface, Recessed and Semi Recessed kits are optional.

## Control and Programming

Dimming:	1-10V standard
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## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP40

## Connection

Power Connection:	Flex and plug
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## Output

Luminous Flux:	3300Lm
Efficacy:	up to 110Lm/W
Beam Angle:	120°
CRI:	>90

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	30W
Power Factor:	0.90

## Thermal

Cooling:	Convection, Conduction
Storage Temperature:	-30°C to +65°C
Operating Range Ta:	-20°C to +50°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



# NovaBlade™ 3.0

LL9P3126EU Series LED Panels



## NovaBlade 3.0 Features at a Glance

- Range: 3630Lm, 33W
- Up to 110Lm/W
- UGR<19 using NEW micro prismatic diffuser
- Projected Lifetime L80B10: 74,518 hours
- Colour Temperature: 4000K and 6000K
- Beam angle 120°
- 1-10V dimming capability as standard
- Colour rendering CRI > 90
- Powder coat white frame
- IP40 Protection rating
- Thin and light weight
- Immune to Ripple Frequency Interference
- 1.2m Flex and Plug fitted
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

NovaBlade 3.0 products are 1-10V dimmable as standard. DALI and Casambi dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system or CASAMBI. Contact LUMEX for further information.

## Ripple Frequency Interference

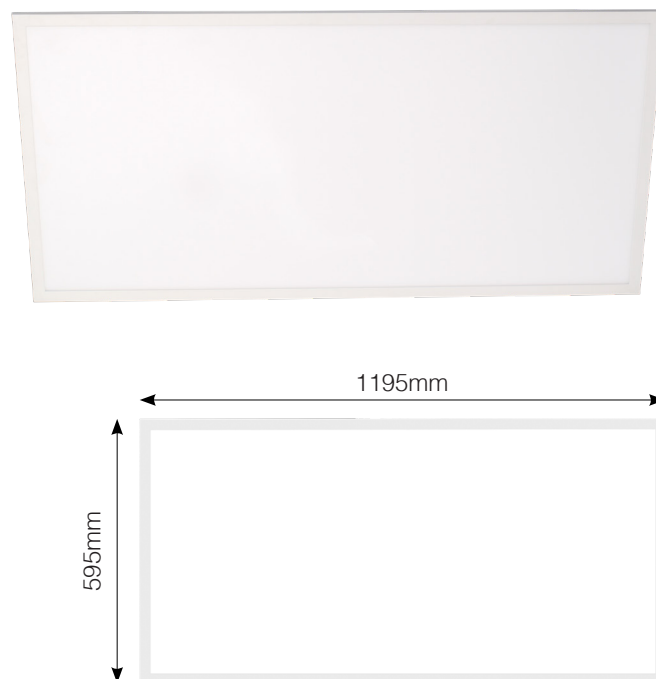
NovaBlade 3.0 products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaBlade 3.0 products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 110Lm/W.

## Environment and Safety

NovaBlade 3.0 products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: NovaBlade 3.0

**Example:** NovaBlade 3.0 Eco Panel, 1195mm x 595mm, Beam angle 120°, UGR<19, 6000K, 3200Lm **LL9P3126EUN**

Product Group		Group Designation		Dimming		Panel Size		Colour Temperature	
Light Sources	LL9	NovaBlade Generation 3	P3	1-10V		1195 x 595 Eco UGR<19	126EU	Natural White (4000K)	N
				DALI	DD			Cool White (6000K)	C
				CASAMBI	CS				



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# NovaBlade™ 3.0

LL9P3126EU Series LED Panels



## Physical

Length:	1195mm
Width:	595mm
Height:	10mm
Weight:	6.9kg
Area of illumination:	1145mm x 545mm

## Installation

NovaBlade LED panels are suitable for metric T-Bar ceiling grids.  
Surface, Recessed and Semi Recessed kits are optional.

## Control and Programming

Dimming:	1-10V standard
----------	----------------

## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP40

## Connection

Power Connection:	Flex and plug
-------------------	---------------

## Output

Luminous Flux 6000K:	3630Lm
Efficacy:	up to 110Lm/W
Beam Angle:	120°
CRI:	>90

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	33W
Power Factor:	0.90

## Thermal

Cooling:	Convection, Conduction
Storage Temperature:	-30°C to +65°C
Operating Range Ta:	-20°C to +50°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



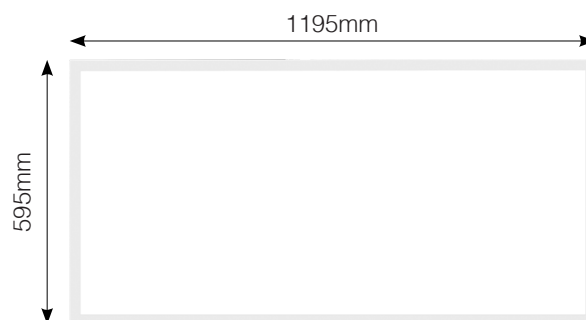
# NovaBlade™ 3.0

LL9P3126U Series LED Panels



## NovaBlade 3.0 Features at a Glance

- Range: 6600Lm, 60W
- Up to 110Lm/W
- UGR<19 using NEW micro prismatic diffuser
- Projected Lifetime L80B10: 74,518 hours
- Colour Temperatures: 4000K and 6000K
- Beam angle 120°
- 1-10V dimming capability as standard
- Colour rendering CRI > 90
- Powder coat white frame
- IP40 Protection rating
- Thin and light weight
- Immune to Ripple Frequency Interference
- 1.2m Flex and Plug fitted
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

NovaBlade 3.0 products are 1-10V dimmable as standard. DALI and Casambi dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system or CASAMBI. Contact LUMEX for further information.

## Ripple Frequency Interference

NovaBlade 3.0 products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaBlade 3.0 products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 110Lm/W.

## Environment and Safety

NovaBlade 3.0 products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

## Catalogue Number Guide: NovaBlade 3.0

**Example:** NovaBlade 3.0 Panel, 1195mm x 595mm, Beam angle 120°, UGR<19, 4000K, 6300Lm **LL9P3126UN**

Product Group		Group Designation		Dimming		Panel Size		Colour Temperature	
Light Sources	LL9	NovaBlade Generation 3	P3	1-10V		1195 x 595 UGR<19	126U	Natural White (4000K)	N
				DALI	DD			Cool White (6000K)	C
				CASAMBI	CS				



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# NovaBlade™ 3.0

LL9P3126U Series LED Panels



## Physical

Length:	1195mm
Width:	595mm
Height:	10mm
Weight:	6.9kg
Area of illumination:	1145mm x 545mm

## Installation

NovaBlade LED panels are suitable for metric T-Bar ceiling grids.  
Surface, Recessed and Semi Recessed kits are optional.

## Control and Programming

Dimming:	1-10V standard
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## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP40

## Connection

Power Connection:	Flex and plug
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## Output

Luminous Flux 4000K:	6600Lm
Efficacy:	up to 110Lm/W
Beam Angle:	120°
CRI:	>90

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	60W
Power Factor:	0.90

## Thermal

Cooling:	Convection, Conduction
Storage Temperature:	-30°C to +65°C
Operating Range Ta:	-20°C to +50°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



# Classico MULTI

LL1CM3 LED Downlights

**Essentials**  
by LUMEX®



## Lumex Essentials Downlight Features at a Glance

- Standard Range: 800Lm, 9W
- Up to 89Lm/W
- LM80 projected LED life > 30,000 hours
- Colour Temperatures: 3000K, 4000K, 6000K
- Beam Angle 110°
- Colour rendering CRI > 80
- White finish as standard
- Optional clip on Black or Silver bezel available
- IP44 Protection rating
- Dimmable
- Immune to Ripple Frequency Interference
- 1.2m flex and plug fitted
- Fully recyclable
- Fully Australian Approved
- Three Year Warranty



## Dimming

Lumex Essentials Downlights are dimmable in standard specification.

## Ripple Frequency Interference

Lumex Essentials Downlights are immune to ripple frequency interference.

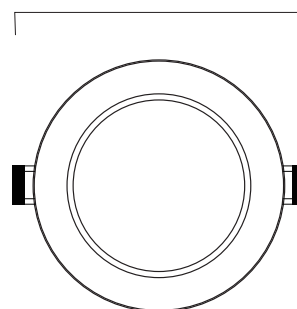
## Unrivalled Efficiency

Lumex Essentials Downlights utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 89Lm/W.

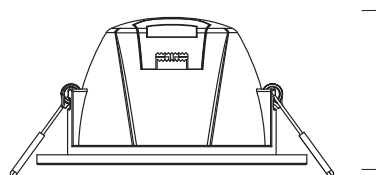
## Environment and Safety

Lumex Essentials Downlights are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

Φ: 110mm



H: 65mm



## Catalogue Number Guide: Lumex Essentials Downlights

**Example:** Lumex Essentials Downlights, 92-100mm cutout, Dimmable, 110° Beam Angle, White Fixture **LL1CM3MULTI**

Product Group		Group Designation		Colour Temperature		Fixture Colour	
Downlights	LL1	Essentials Series	CM3	Colour Temperature Adjustment (WW, NW, CW)	MULTI	White	



# Essentials by Lumex

LL1CM3 Series LED Downlights



## Physical

Installation Depth:	62mm
Maximum protrusion from mounting surface:	3mm
Frame Diameter:	110mm
Diameter of luminous opening at widest point:	75mm
Cutout Size:	92-100mm
Weight with driver:	0.40kg

## Control and Programming

Dimming:	Phase controlled dimmer
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## Connection

Power Connection:	Flex and plug
-------------------	---------------

## Output

Luminous Flux 3000K:	730Lm
Luminous Flux 4000K:	800Lm
Luminous Flux 6000K:	760Lm
Efficacy:	up to 89Lm/W
Beam Angle:	110°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	9W
Power Factor:	0.90

## Thermal

Cooling:	Convection, Conduction
Operating Range Ta:	-20°C to +45°C
Humidity (non-condensing):	10-90%

## Certificates

EMC:	AS/NZS CISPR 15:2011
Electrical Safety:	AS/NZS 60598.2.2:2016 AS/NZS 60598.1:2013

Specifications subject to change without notice.



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# Classico MULTI

LL1CM6 LED Downlights



## Lumex Essentials Downlight Features at a Glance

- Standard Range: 1700Lm, 15W
- Up to 113Lm/W
- LM80 projected LED life > 30,000 hours
- Colour Temperatures: 3000K, 4000K, 5000K
- Beam Angle 110°
- Colour rendering CRI > 80
- White finish as standard
- IP44 Protection rating
- Dimmable
- Immune to Ripple Frequency Interference
- 1.2m flex and plug fitted
- Fully recyclable
- Fully Australian Approved
- Three Year Warranty



## Dimming

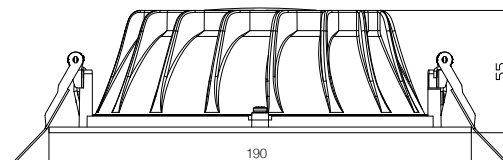
Lumex Essentials Downlights are dimmable in standard specification.

## Ripple Frequency Interference

Lumex Essentials Downlights are immune to ripple frequency interference.

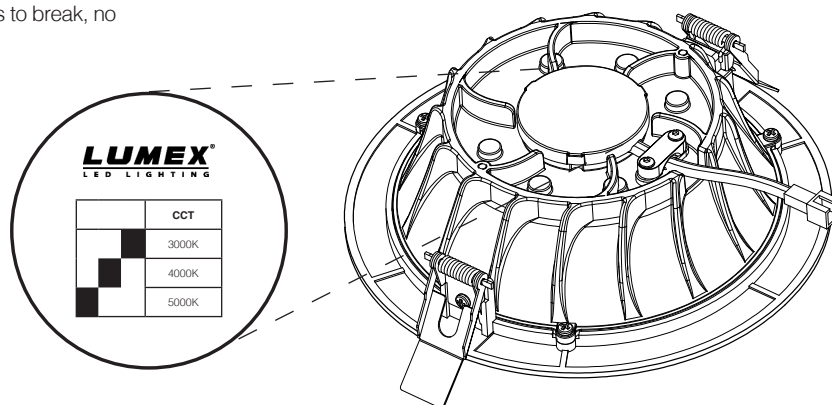
## Unrivalled Efficiency

Lumex Essentials Downlights utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 113Lm/W.



## Environment and Safety

Lumex Essentials Downlights are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Lumex Essentials Downlights

**Example:** Lumex Essentials Downlights, 150mm cutout, Dimmable, 110° Beam Angle, White Fixture **LL1CM6MULTI**

Product Group		Group Designation		Colour Temperature		Fixture Colour	
Downlights	LL1	Essentials Series	CM6	Colour Temperature Adjustment (WW, NW, CW)	MULTI	White	



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# Classico MULTI

LL1CM6 LED Downlights



## Physical

Installation Depth:	53mm
Maximum protrusion from mounting surface:	2mm
Frame Diameter:	165mm
Diameter of luminous opening at widest point:	120mm
Cutout Size:	150mm
Weight with driver:	0.54kg

## Control and Programming

Dimming:	Phase controlled dimmer
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## Connection

Power Connection:	Flex and plug
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## Output

Luminous Flux 3000K:	1600Lm
Luminous Flux 4000K:	1700Lm
Luminous Flux 5000K:	1670Lm
Efficacy:	up to 113Lm/W
Beam Angle:	110°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	15W
Power Factor:	0.90

## Thermal

Cooling:	Convection, Conduction
Operating Range Ta:	-20°C to +45°C
Humidity (non-condensing):	10-90%

## Certificates

EMC:	AS/NZS CISPR 15:2011
Electrical Safety:	AS/NZS 60598.2.2:2016 AS/NZS 60598.1:2013

Specifications subject to change without notice.



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# Classico MULTI

LL1CM8 LED Downlights

**Essentials**  
by LUMEX®



## Lumex Essentials Downlight Features at a Glance

- Standard Range: 2700Lm, 22W
- Up to 122Lm/W
- LM80 projected LED life > 30,000 hours
- Colour Temperatures: 3000K, 4000K, 5000K
- Beam Angle 110°
- Colour rendering CRI > 80
- White finish as standard
- IP44 Protection rating
- Dimmable
- Immune to Ripple Frequency Interference
- 1.2m flex and plug fitted
- Fully recyclable
- Fully Australian Approved
- Three Year Warranty



## Dimming

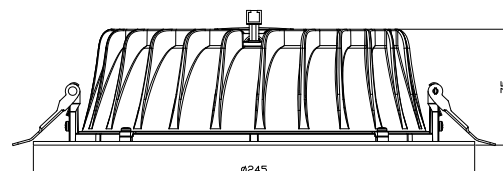
Lumex Essentials Downlights are dimmable in standard specification.

## Ripple Frequency Interference

Lumex Essentials Downlights are immune to ripple frequency interference.

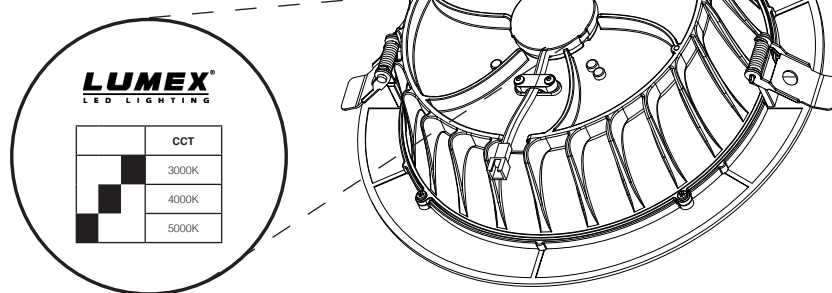
## Unrivalled Efficiency

Lumex Essentials Downlights utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 122Lm/W.



## Environment and Safety

Lumex Essentials Downlights are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Lumex Essentials Downlights

**Example:** Lumex Essentials Downlights, 220mm cutout, Dimmable, 110° Beam Angle, White Fixture **LL1CM8MULTI**

Product Group		Group Designation		Colour Temperature		Fixture Colour	
Downlights	LL1	Essentials Series	CM8	Colour Temperature Adjustment (WW, NW, CW)	MULTI	White	



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# Classico MULTI

LL1CM8 LED Downlights



## Physical

Installation Depth:	73mm
Maximum protrusion from mounting surface:	2mm
Frame Diameter:	245mm
Diameter of luminous opening at widest point:	186mm
Cutout Size:	220mm
Weight with driver:	0.953kg

## Control and Programming

Dimming:	Phase controlled dimmer
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## Connection

Power Connection:	Flex and plug
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## Output

Luminous Flux 3000K:	2500Lm
Luminous Flux 4000K:	2700Lm
Luminous Flux 5000K:	2600Lm
Efficacy:	up to 122Lm/W
Beam Angle:	110°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	22W
Power Factor:	0.90

## Thermal

Cooling:	Convection, Conduction
Operating Range Ta:	-20°C to +45°C
Humidity (non-condensing):	10-90%

## Certificates

EMC:	AS/NZS CISPR 15:2011
Electrical Safety:	AS/NZS 60598.2.2:2016 AS/NZS 60598.1:2013

Specifications subject to change without notice.



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# Classico MULTI

LL1CM10 LED Downlights

**Essentials**  
by LUMEX®



## Lumex Essentials Downlight Features at a Glance

- Standard Range: 3950Lm, 32W
- Up to 123Lm/W
- LM80 projected LED life > 30,000 hours
- Colour Temperatures: 3000K, 4000K, 5000K
- Beam Angle 110°
- Colour rendering CRI > 80
- White finish as standard
- IP44 Protection rating
- Dimmable
- Immune to Ripple Frequency Interference
- 1.2m flex and plug fitted
- Fully recyclable
- Fully Australian Approved
- Three Year Warranty



## Dimming

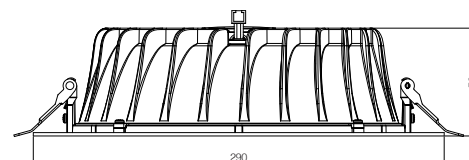
Lumex Essentials Downlights are dimmable in standard specification.

## Ripple Frequency Interference

Lumex Essentials Downlights are immune to ripple frequency interference.

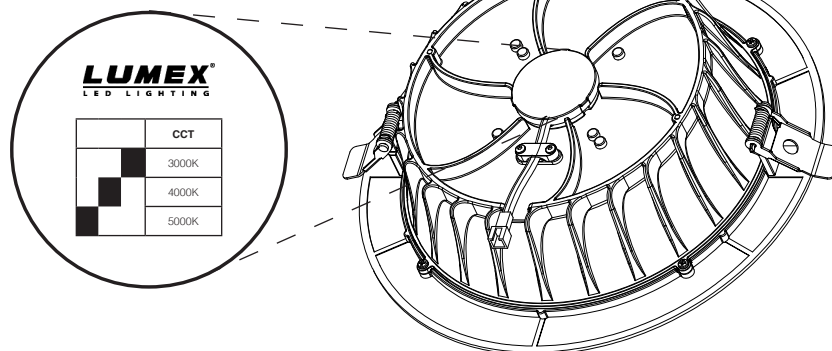
## Unrivalled Efficiency

Lumex Essentials Downlights utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 123Lm/W.



## Environment and Safety

Lumex Essentials Downlights are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Lumex Essentials Downlights

**Example:** Lumex Essentials Downlights, 240mm cutout, Dimmable, 110° Beam Angle, White Fixture **LL1CM10MULTI**

Product Group		Group Designation		Colour Temperature		Fixture Colour	
Downlights	LL1	Essentials Series	CM10	Colour Temperature Adjustment (WW, NW, CW)	MULTI	White	



# Classico MULTI

LL1CM10 LED Downlights



## Physical

Installation Depth:	71mm
Maximum protrusion from mounting surface:	2mm
Frame Diameter:	290mm
Diameter of luminous opening at widest point:	200mm
Cutout Size:	240mm
Weight with driver:	1.465kg

## Control and Programming

Dimming:	Phase controlled dimmer
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## Connection

Power Connection:	Flex and plug
-------------------	---------------

## Output

Luminous Flux 3000K:	3750Lm
Luminous Flux 4000K:	3950Lm
Luminous Flux 5000K:	3750Lm
Efficacy:	up to 123Lm/W
Beam Angle:	110°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	32W
Power Factor:	0.90

## Thermal

Cooling:	Convection, Conduction
Operating Range Ta:	-20°C to +45°C
Humidity (non-condensing):	10-90%

## Certificates

EMC:	AS/NZS CISPR 15:2011
Electrical Safety:	AS/NZS 60598.2.2:2016 AS/NZS 60598.1:2013

Specifications subject to change without notice.



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# NovaLED Decor Plus

LL1N3 Series LED Downlight



## NovaLED Decor Plus Features at a Glance

- Standard Range: 670Lm to 770Lm, 9W
- Up to 86Lm/Watt
- LM80 Projected LED life > 100,000 hours
- Colour Temperatures: 2700K, 3000K, 4000K, 5000K
- Beam Angles 60°
- Colour Rendering: HiColour CRI>90
- White finish as standard, Satin Silver Optional
- Interchangeable fixture types
- IP40 projection rating
- IK10 impact rating
- Dimmable with LoadSmart
- Immune to Ripple Frequency Interference
- Ceiling Safe
- 1.2 flex and plug fitted
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

NovaLED Decor Plus products are dimmable with trailing edge dimmers, however, for best assured dimming range and reliable performance we recommend our LoadSmart dimmer be used.

These products can also be upgraded to function with DALI control. This is particularly suitable for multiple light control where synchronicity is important.

## Ripple Frequency Interference

NovaLED Decor Plus products are immune to ripple frequency interference.

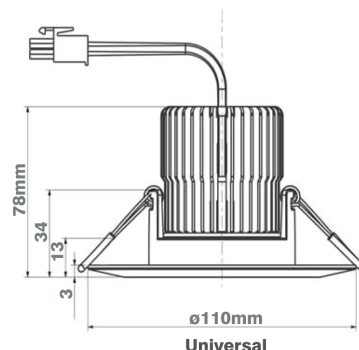
## Unrivalled Efficiency

NovaLED Decor Plus products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 86Lm/W.

## Environment and Safety

NovaLED Decor Plus products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

Various Fixture Types



## Catalogue Number Guide: NovaLED Decor Plus

**Example:** NovaLED Decor Plus Downlight, 65-100mm cutout, Dimmable, Universal, 60° beam angle, 3000K, White Fixture **LL1N3DUW3W**

Product Group		Group Designation		Dimmable		Colour Temperature		Fixture Colour		Fixture Type
Downlights	LL1	NovaLED Decor Plus	N3	Phase	DU	Cool White (5000K)	C	White	W	*Universal
				DALI	DDU	Natural White (4000K)	N	*Satin Silver	S	Compact
						Warm White (3000K)	W3			Low Glare
						Warm White (2700K)	W			Square
										Original

\*Universal Frame included in cost, all other frames (including silver) additional cost



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# NovaLED Decor Plus

LL1N3 Series LED Downlight



## Optional Fixture Faces (additional cost)

## Order

LL1N3F11S	Original Silver	LL1N3DU## + LL1N3F11S
LL1N3F11W	Original White	LL1N3DU## + LL1N3F11W
LL1N3FCS	Compact Silver	LL1N3DU## + LL1N3FCS
LL1N3FCW	Compact White	LL1N3DU## + LL1N3FCW
LL1N3FSS	Square Silver	LL1N3DU## + LL1N3FSS
LL1N3FSW	Square White	LL1N3DU## + LL1N3FSW
LL1N3FGS	Low Glare Silver	LL1N3DU## + LL1N3FGS
LL1N3FGW	Low Glare White	LL1N3DU## + LL1N3FGW



## Physical

Installation Depth:	75mm
Maximum Protrusion from mounting surface:	3mm
Frame Diameter:	90mm (Compact), 110mm (Universal/Square/Low Glare/Original),
Diameter of luminous opening at widest point:	39mm
Cutout Size:	65-80mm (Compact), 65-100mm (Universal/Square/Low Glare/Original)
Weight with driver:	0.40kg

## Control and Programming

Dimming:	Lumex LoadSmart, Trailing Edge Phase Controllers including C-bus, Dyalite
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## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP40
Impact Rating:	IK10

## Connection

Power Connection:	Flex and plug or direct connection
-------------------	------------------------------------

## Output

Luminous Flux 2700K:	670Lm
Luminous Flux 3000K:	700Lm
Luminous Flux 4000K:	730Lm
Luminous Flux 5000K:	770Lm
Efficacy:	up to 86Lm/W
Beam Angle:	60°
CRI:	>90

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	9W
Power Factor:	0.95

## Thermal

Operating Range Tc:	-20°C to +65°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 2011
Electrical Safety:	AS/NZS 60598.2.2 2016 AS/NZS 60598.1 2013

Specifications subject to change without notice.



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## Crisp clear adjustable light

- COB design with water-clear lens
- 60° beam angle
- Gimbal adjustment

## Low glare

- Standard UGR rating <22
- Extra low glare <19

## Light and shade

- Directional and adjustable
- Create highlights and contrasts
- Define spaces and settings

## Mood colour

- Four light colours from warm to cool
- 2700K, 3000K, 4000K, 5000K
- Enhance and differentiate spaces with light colour

## Hi-Colour power

- Bring designs to life with Hi-Colour
- Industry best colour rendering capability
- Standard CRI:>90

## Unique fixture flexibility

- Additional faceplate options
- Compact, Square, and Extra Low Glare
- Twist and click changeover in seconds

## Unrivalled performance

- 8W (up to 770lm) and 12W (up to 1100lm)
- IC-4 installation rating
- IK10 impact rating
- Projected LED life (TM21):>100,000 hours

## Unmatched warranty

- Protected by the Lumex 7 year warranty
- See website for full details

## NovaLED Décor Plus

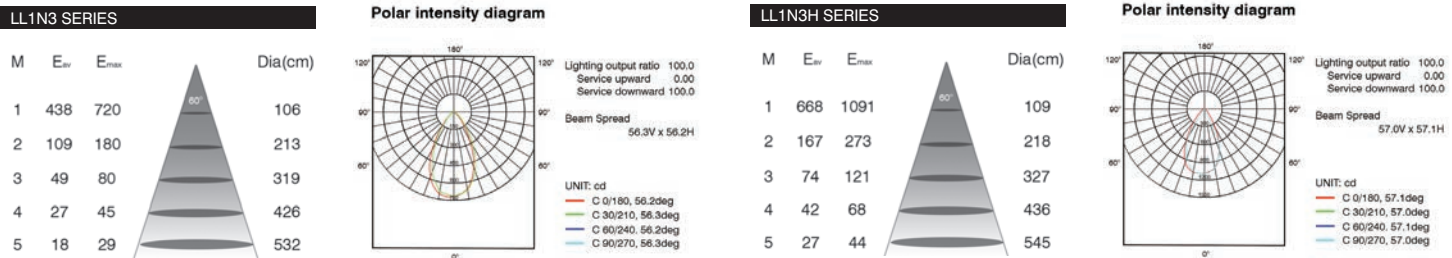
Universal White Fixtures						
Cat No	Output	Power	Colour Temperature	Power	Output	Cat No
LL1N3DUWW	670lm	8W	2700K	12W	950lm	LL1N3H DUWW
LL1N3DUW3W	700lm	8W	3000K	12W	1000lm	LL1N3H DUW3W
LL1N3DUNW	730lm	8W	4000K	12W	1050lm	LL1N3H DUNW
LL1N3DUCW	770lm	8W	5000K	12W	1100lm	LL1N3H DUCW

Compact White Fixture						
Cat No	Output	Power	Colour Temperature	Power	Output	Cat No
LL1N3DUWW-FC	670lm	8W	2700K	12W	950lm	LL1N3H DUWW-FC
LL1N3DUW3W-FC	700lm	8W	3000K	12W	1000lm	LL1N3H DUW3W-FC
LL1N3DUNW-FC	730lm	8W	4000K	12W	1050lm	LL1N3H DUNW-FC
LL1N3DUCW-FC	770lm	8W	5000K	12W	1100lm	LL1N3H DUCW-FC

Extra Low Glare White Fixture						
Cat No	Output	Power	Colour Temperature	Power	Output	Cat No
LL1N3DUWW-FG	670lm	8W	2700K	12W	950lm	LL1N3H DUWW-FG
LL1N3DUW3W-FG	700lm	8W	3000K	12W	1000lm	LL1N3H DUW3W-FG
LL1N3DUNW-FG	730lm	8W	4000K	12W	1050lm	LL1N3H DUNW-FG
LL1N3DUCW-FG	770lm	8W	5000K	12W	1100lm	LL1N3H DUCW-FG

Square White Fixture						
Cat No	Output	Power	Colour Temperature	Power	Output	Cat No
LL1N3DUWW-FS	670lm	8W	2700K	12W	950lm	LL1N3H DUWW-FS
LL1N3DUW3W-FS	700lm	8W	3000K	12W	1000lm	LL1N3H DUW3W-FS
LL1N3DUNW-FS	730lm	8W	4000K	12W	1050lm	LL1N3H DUNW-FS
LL1N3DUCW-FS	770lm	8W	5000K	12W	1100lm	LL1N3H DUCW-FS

Cut-out size: Compact 65-80mm Other Fixtures 65-92mm Dimming LoadSmart recommended Beam Angle 60° Standard Colour White Optional colour Satin Silver



LL1N3B1216

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Innovating with Energy™

# NovaLED™ Décor Plus

## Light for the wow factor

No1 DESIGNERS CHOICE

SEVEN YEAR WARRANTY

7

Good design deserves Décor Plus



# Good design deserves the added pizzazz of Décor Plus™



Until NovaLED came along we loved power hungry, heat crazy halogen downlights for their great light and the pizzazz they added to our living environment. NovaLED kick started the LED revolution by producing the same great light without the halogen downsides and soon became the designer's choice for residential lighting.

## More competitors, less competition

These days NovaLED has lots of competitors but remains the first choice of discerning designers. NovaLED has ignored the diffused lighting fashion and stayed focussed on making our homes more comfortable, our décor more lively, and our lives more enjoyable.

## Décor Plus raises the bar

With Décor Plus, NovaLED has raised the bar still further. With improved performance, lower glare, and colour rendering upgraded to industry best, Décor Plus is pushing even further ahead in the designer's choice rankings. And with a completely new range of quick fit fixture options, the choice is easier than ever.

## You deserve Décor Plus

The process of building or renovating involves a lot of difficult design choices. Fortunately, the lighting choice is easy; nothing will support and enhance your design and décor choices like Décor Plus. Décor Plus will add the wow factor you've been looking for.



## Eight good reasons why Décor Plus is the No 1 Designer's Choice

### Crisp clear adjustable light

NovaLED goes against the trend and stays with crisp clear halogen-like light. Like natural light, all you see are the objects being lit.

### Low glare

Glare creates eye strain and fatigue. NovaLED is low glare by design and offers extra low glare as an option.

### Light and shade

NovaLED's adjustable beam manages light and shade, creating highlights, and defining spaces.

### Mood colour

Mood changes with the light colour. Only NovaLED offers a full range of light colour options.

### Hi-Colour power

NovaLED's Hi-Colour technology, the closest available to natural light – exceeding CRI:90.

### Unique fixture flexibility

With Décor Plus, changing your mind has never been simpler. Alternative faceplates click on in seconds.

### Unrivalled performance

NovaLED has always led the way in overall LED performance. Décor Plus raises the bar even higher.

### Unmatched warranty

Décor Plus, the same life projection and the famous 7 year warranty.

## NovaLED Décor Plus LL1N3 Series

### Optional fixture faces

Décor Plus standard fixture is 110mm diameter Universal.

There are also optional fixture faces:

#### Compact

- 90mm diameter faceplate
- Cut-out 65-80mm
- To order add [-FC] to standard equivalent



#### Square

- 110mm square faceplate
- Standard cut-out
- To order add [-FS] to standard equivalent



#### Low glare

- 110mm diameter recessed faceplate
- Standard cut-out
- To order add [-FG] to standard equivalent



### Changing fixture faces

Décor Plus fixture faces can be removed from the lamp module by twisting counterclockwise. When they hit the stop the lamp module can be removed from the fixture face.

Replacing the fixture face is a simple reverse of the removal process.



# NovaLED Decor Plus

LL1N3H Series LED Downlight



## NovaLED Decor Plus Features at a Glance

- Standard Range: 950Lm to 1100Lm, 12W
- Up to 92Lm/Watt
- LM80 Projected LED life > 100,000 hours
- Colour Temperatures: 2700K, 3000K, 4000K, 5000K
- Beam Angles 60° with gimbal adjustment
- Colour Rendering: HiColour CRI>90
- White finish as standard, Satin Silver Optional
- Interchangeable fixture types
- IP40 projection rating
- IK10 impact rating
- Dimmable with LoadSmart
- Immune to Ripple Frequency Interference
- Ceiling Safe
- 1.2 flex and plug fitted
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

NovaLED Decor Plus products are dimmable with trailing edge dimmers, however, for best assured dimming range and reliable performance we recommend our LoadSmart dimmer be used.

These products can also be upgraded to function with DALI control. This is particularly suitable for multiple light control where synchronicity is important.

## Ripple Frequency Interference

NovaLED Decor Plus products are immune to ripple frequency interference.

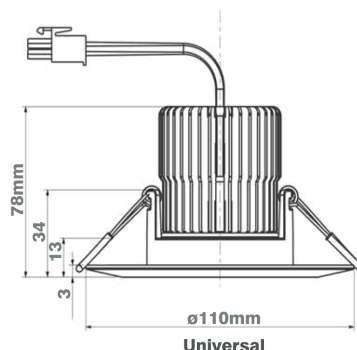
## Unrivalled Efficiency

NovaLED Decor Plus products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 92Lm/W.

## Environment and Safety

NovaLED Decor Plus products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

Various Fixture Types



## Catalogue Number Guide: NovaLED Decor Plus

**Example:** NovaLED Decor Plus High Output Downlight, 65-100mm cutout, Dimmable, Universal, 60° beam angle, 3000K, White Fixture **LL1N3H DUW3W**

Product Group		Group Designation		Dimmable		Colour Temperature		Fixture Colour		Fixture Type	
Downlights	LL1	NovaLED Decor Plus High Output	N3H	Phase	DU	Cool White (5000K)	C	White	W	Universal	
				DALI	DDU	Natural White (4000K)	N	Satin Silver	S	Compact	-FC
						Warm White (3000K)	W3			Low Glare	-FG
						Warm White (2700K)	W			Square	-FS
										Original	-F11





# NovaLED Decor Plus

LL1N3H Series LED Downlight



## Physical

Installation Depth:	75mm
Maximum Protrusion from mounting surface:	3mm
Frame Diameter:	90mm (Compact), 110mm (Universal/Square/Low Glare/Original)
Diameter of luminous opening at widest point:	39mm
Cutout Size:	65-80mm (Compact), 65-100mm (Universal/Square/Low Glare/Original)
Weight with driver:	0.40kg

## Control and Programming

Dimming:	Lumex LoadSmart, Trailing Edge Phase Controllers
	including C-bus, Dynalite

## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP40
Impact Rating:	IK10

## Connection

Power Connection:	Flex and plug or direct connection
-------------------	------------------------------------

## Output

Luminous Flux 2700K:	950Lm
Luminous Flux 3000K:	1000Lm
Luminous Flux 4000K:	1050Lm
Luminous Flux 5000K:	1100Lm
Efficacy:	up to 92Lm/W
Beam Angle:	60°
CRI:	>90

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	12W
Power Factor:	0.95

## Thermal

Operating Range Tc:	-20°C to +65°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 2011
Electrical Safety:	AS/NZS 60598.2.2 2016
	AS/NZS 60598.1 2013

Specifications subject to change without notice.



# NovaLED Maxi

## LL1N3M6 Series LED Downlight



### NovaLED Maxi Features at a Glance

- Range: 1174Lm to 1958Lm, 12W and 22W
- Up to 104Lm/W
- LM80 projected LED life > 100,000 hours
- Colour Temperatures: 2700K, 3000K, 4000K and 5000K
- Clear diffuser, Beam angle 90°
- Colour rendering: CRI > 90
- Cyanosis Observation Index <3.3 at 4000K
- White finish as standard
- IP44 Protection rating
- 1.2m flex and plug fitted
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

### Dimming and Control

NovaLED Maxi products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

### Ripple Frequency Interference

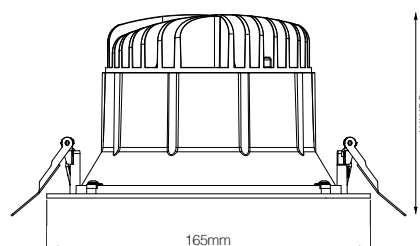
NovaLED Maxi products are immune to ripple frequency interference.

### Unrivalled Efficiency

NovaLED Maxi products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 110Lm/W.

### Environment and Safety

NovaLED Maxi products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



### Catalogue Number Guide: NovaLED Maxi

**Example:** NovaLED Maxi M6 Downlight, 150mm cutout, 1-10V Dimmable, 90° beam angle, 3000K, White Fixture, 1320Lm **LL1N3M6D1CW3W**

Product Group		Group Designation		Dimmable		Beam Angle		Diffuser		Colour Temperature		Fixture Colour	
Downlights	LL1	NovaLED Maxi M6	N3M6	1-10V	D1	90°		Clear	C	Cool White (5000K)	C	White	W
		NovaLED Maxi M6 High Output	N3M6H	DALI	DD					Natural White (4000K)	N		
										Warm White (3000K)	W3		
										Warm White (2700K)	W		



# NovaLED Maxi

LL1N3M6 Series LED Downlight



## Physical

Installation Depth:	93mm
Maximum Protrusion from mounting surface:	2mm
Frame Diameter:	165mm
Diameter of luminous opening at widest point:	120mm
Cutout Size:	150mm
Weight with driver:	0.605kg

## Control and Programming

Dimming:	1-10V
----------	-------

## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP44

## Connection

Power Connection:	Flex and plug or direct connection
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## Output

Luminous Flux 12W:	1320Lm
Luminous Flux 22W:	2420Lm
Efficacy:	up to 110Lm/W
Beam Angle:	90°
CRI:	>90

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	12W and 22W
Power Factor:	0.95

## Thermal

Operating Range Tc:	-20°C to +45°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.2, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



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# NovaLED Maxi

## LL1N3M7 Series LED Downlight



### NovaLED Maxi Features at a Glance

- Range: 2420Lm to 3530Lm, 22W and 32W
- Up to 110Lm/W
- LM80 projected LED life > 100,000 hours
- Colour Temperatures: 2700K, 3000K, 4000K and 5000K
- Clear diffuser, Beam angle 90°
- Colour rendering: CRI > 90
- Cyanosis Observation Index < 3.3 at 4000K
- White finish as standard
- IP44 Protection rating
- 1.2m flex and plug fitted
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

### Dimming and Control

NovaLED Maxi products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

### Ripple Frequency Interference

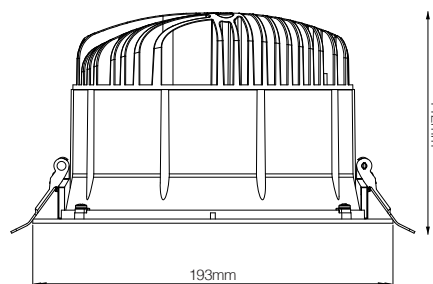
NovaLED Maxi products are immune to ripple frequency interference.

### Unrivalled Efficiency

NovaLED Maxi products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 110Lm/W.

### Environment and Safety

NovaLED Maxi products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



### Catalogue Number Guide: NovaLED Maxi

**Example:** NovaLED Maxi M7 Downlight, 170mm cutout, 1-10V Dimmable, 90° beam angle, 3000K, White Fixture, 2420Lm **LL1N3M7D1CW3W**

Product Group		Group Designation		Dimmable		Beam Angle		Diffuser		Colour Temperature		Fixture Colour	
Downlights	LL1	NovaLED Maxi M7	N3M7	1-10V	D1	90°		Clear	C	Cool White (5000K)	C	White	W
		NovaLED Maxi M7 High Output	N3M7H	DALI	DD					Natural White (4000K)	N		
										Warm White (3000K)	W3		
										Warm White (2700K)	W		



# NovaLED Maxi

LL1N3M7 Series LED Downlight



## Physical

Installation Depth:	110mm
Maximum Protrusion from mounting surface:	2mm
Frame Diameter:	193mm
Diameter of luminous opening at widest point:	147mm
Cutout Size:	170mm
Weight with driver:	1.152kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP44

## Connection

Power Connection:	Flex and plug or direct connection
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## Output

Luminous Flux 22W:	2420Lm
Luminous Flux 32W:	3520Lm
Efficacy:	up to 110Lm/W
Beam Angle:	90°
CRI:	>90

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	22W and 32W
Power Factor:	0.95

## Thermal

Operating Range Tc:	-20°C to +45°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.2, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



# NovaLED Maxi

LL1N3M8 Series LED Downlight



## NovaLED Maxi Features at a Glance

- Range: 4950Lm to 6050Lm, 45W and 55W
- Up to 110Lm/W
- LM80 projected LED life > 100,000 hours
- Colour Temperatures: 2700K, 3000K, 4000K and 5000K
- Clear diffuser, Beam angle 90°
- Colour rendering: CRI > 90
- Cyanosis Observation Index < 3.3 at 4000K
- White finish as standard
- IP44 Protection rating
- 1.2m flex and plug fitted
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

## Dimming and Control

NovaLED Maxi products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

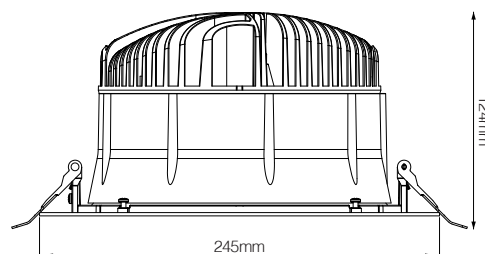
NovaLED Maxi products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaLED Maxi products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 110Lm/W.

## Environment and Safety

NovaLED Maxi products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: NovaLED Maxi

**Example:** NovaLED Maxi M8 Downlight, 210mm cutout, 1-10V Dimmable, 90° beam angle, 3000K, White Fixture, 4950Lm **LL1N3M8D1CW3W**

Product Group		Group Designation		Dimmable		Beam Angle		Diffuser		Colour Temperature		Fixture Colour	
Downlights	LL1	NovaLED Maxi M8	N3M8	1-10V	D1	90°		Clear	C	Cool White (5000K)	C	White	W
		NovaLED Maxi M8 High Output	N3M8H	DALI	DD					Natural White (4000K)	N		
										Warm White (3000K)	W3		
										Warm White (2700K)	W		



# NovaLED Maxi

LL1N3M8 Series LED Downlight



## Physical

Installation Depth:	122mm
Maximum Protrusion from mounting surface:	2mm
Frame Diameter:	245mm
Diameter of luminous opening at widest point:	186mm
Cutout Size:	210mm
Weight with driver:	1.681kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP44

## Connection

Power Connection:	Flex and plug or direct connection
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## Output

Luminous Flux 45W:	4950Lm
Luminous Flux 55W:	6050Lm
Efficacy:	up to 110Lm/W
Beam Angle:	90°
CRI:	>90

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	45W and 55W
Power Factor:	0.95

## Thermal

Operating Range Tc:	-20°C to +45°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.2, AS/NZS 4417 (RCM)

Specifications subject to change without notice.





# NovaLED Maxi

LL1N3M8 Square Series LED Downlight



## NovaLED Maxi Features at a Glance

- Range: 4950Lm to 6050Lm, 45W and 55W
- Up to 110Lm/W
- LM80 projected LED life > 100,000 hours
- Colour Temperatures: 2700K, 3000K, 4000K and 5000K
- Clear diffuser, Beam angle 90°
- Colour rendering: CRI > 90
- White finish as standard
- IP44 Protection rating
- 1.2m flex and plug fitted
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty
- Cyanosis Observation Index <3.3 at 4000K

## Dimming and Control

NovaLED Maxi products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

NovaLED Maxi products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaLED Maxi products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 110Lm/W.

## Environment and Safety

NovaLED Maxi products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: NovaLED Maxi

**Example:** NovaLED Maxi M8 Downlight, 210-240mm cutout, 1-10V Dimmable, 90° beam angle, 3000K, White Fixture, 4950Lm, Square **LL1N3M8D1CW3W-SQ**

Product Group	Group Designation	Dimmable	Beam Angle	Diffuser	Colour Temperature	Fixture Colour	Special
Downlights	NovaLED Maxi M8	N3M8	1-10V	D1	90°	Cool White (5000K)	C
	NovaLED Maxi M8 High Output	N3M8H	DALI	DD	Natural White (4000K)	N	White
					Warm White (3000K)	W3	W
					Warm White (2700K)	W	Square
							-SQ



# NovaLED Maxi

LL1N3M8 Square Series LED Downlight



## Physical

Installation Depth:	122mm
Maximum Protrusion from mounting surface:	2mm
Length:	245mm
Width:	245mm
Diameter of luminous opening at widest point:	186mm
Cutout Size:	210-240mm
Weight with driver:	1.681kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP44

## Connection

Power Connection:	Flex and plug or direct connection
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## Output

Luminous Flux 45W:	4950Lm
Luminous Flux 55W:	6050Lm
Efficacy:	up to 110Lm/W
Beam Angle:	90°
CRI:	>90

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	45W and 55W
Power Factor:	0.95

## Thermal

Operating Range Tc:	-20°C to +45°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.2, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



## LL1N3M8 Series LED Downlight



## NovaLED Maxi Features at a Glance

- Range: 1320Lm to 2420Lm, 12W and 22W
- Up to 110Lm/W
- LM80 projected LED life > 100,000 hours
- Colour Temperatures: 2700K, 3000K, 4000K and 5000K
- Clear diffuser, Beam angle 90°
- Colour rendering: CRI > 90
- White finish as standard
- IP44 Protection rating
- 1.2m flex and plug fitted
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty
- Cyanosis Observation Index <3.3 at 4000K



## Dimming and Control

NovaLED Maxi products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

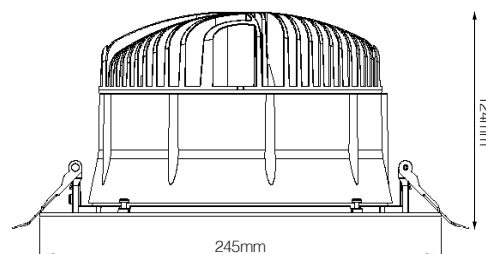
NovaLED Maxi products are immune to ripple frequency interference.

## Unrivalled Efficiency

NovaLED Maxi products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 110lm/W.

## Environment and Safety

NovaLED Maxi products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: NovaLED Maxi

**Example:** NovaLED Maxi M8 Downlight, 210-240mm cutout, 1-10V Dimmable, 90° beam angle, 3000K, White Fixture, 1320Lm **LL1N3M8D1CW3W1**

Product Group		Group Designation		Dimmable		Beam Angle		Diffuser		Colour Temperature		Fixture Colour		Special	
Downlights	LL1	NovaLED Maxi M8	N3M8	1-10V	D1	90°		Clear	C	Cool White (5000K)	C	White	W	1320Lm	1
				DALI	DD					Natural White (4000K)	N			2420Lm	2
										Warm White (3000K)	W3				
										Warm White (2700K)	W				



# NovaLED Maxi

LL1N3M8 Series LED Downlight



## Physical

Installation Depth:	122mm
Maximum Protrusion from mounting surface:	2mm
Frame Diameter:	245mm
Diameter of luminous opening at widest point:	186mm
Cutout Size:	210-240mm
Weight with driver:	1.611kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP44

## Connection

Power Connection:	Flex and plug or direct connection
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## Output

Luminous Flux 12W:	1320Lm
Luminous Flux 22W:	2440Lm
Efficacy:	up to 110Lm/W
Beam Angle:	90°
CRI:	>90

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	12W and 22W
Power Factor:	0.95

## Thermal

Operating Range Tc:	-20°C to +45°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.2, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



## LL1N3M8 Square Series LED Downlight



# NovaLED Maxi

LL1N3M8 Square Series LED Downlight



## Physical

Installation Depth:	122mm
Maximum Protrusion from mounting surface:	2mm
Length:	245mm
Width:	245mm
Diameter of luminous opening at widest point:	186mm
Cutout Size:	210-240mm
Weight with driver:	1.611kg

## Control and Programming

Dimming:	1-10V
----------	-------

## Construction

Colour:	White
Body:	Aluminium
Protection Rating:	IP44

## Connection

Power Connection:	Flex and plug or direct connection
-------------------	------------------------------------

## Output

Luminous Flux 12W:	1320Lm
Luminous Flux 22W:	2440Lm
Efficacy:	up to 110Lm/W
Beam Angle:	90°
CRI:	>90

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	12W and 22W
Power Factor:	0.95

## Thermal

Operating Range Tc:	-20°C to +45°C
Humidity (non-condensing):	0-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.2, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



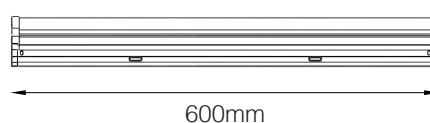
# Linear-Q™ Generation 2

LL4LQ2 Series LED Battens



## Linear-Q Features at a Glance

- Range: 1470Lm, 10W
- Up to 141Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

Linear-Q products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

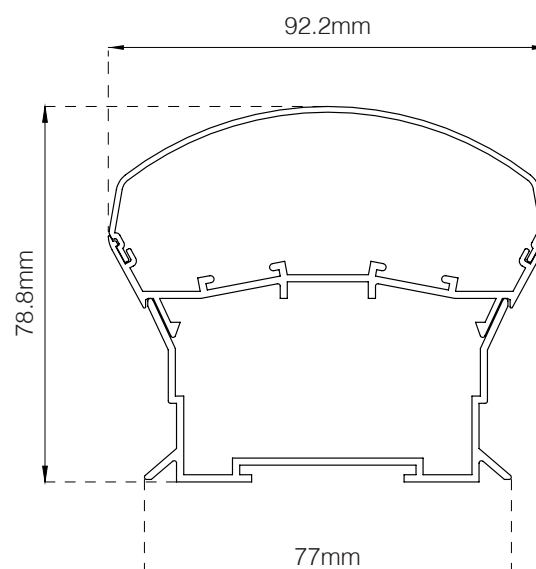
Linear-Q products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q

**Example:** Linear-Q, 600mm, Output Level 1, 120° Beam Angle, 4000K, White Fixture **LL4LQ261NW**

Product Group		Group Designation		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q	LQ2	1-10V Dimmable		600mm	6	Single	1	6500K	C6	White	W
				DALI	DD					4000K	N		





# Linear-Q™ Generation 2

LL4LQ2 Series LED Battens



## Physical

Length:	600mm
Width:	92.2mm
Height:	78.8mm
Weight:	0.88kg

## Control and Programming

Dimming:	1-10V
----------	-------

## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	1470Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	10W
Power Factor:	0.90

## Thermal

Storage Temperature:	-20°C to +70°C
Operating Range Tc:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



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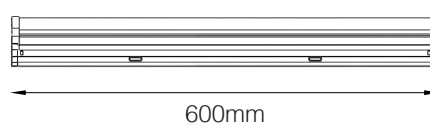
# Linear-Q™ Generation 2

LL4LQ2 Series LED Battens



## Linear-Q Features at a Glance

- Range: 2200Lm, 15W
- Up to 141Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

Linear-Q products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

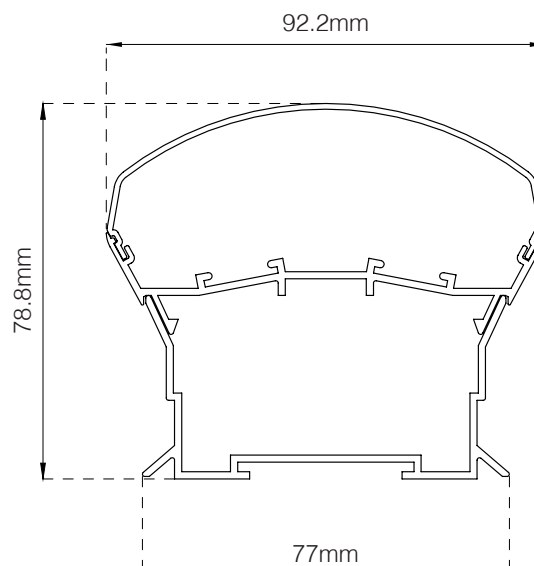
Linear-Q products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q

**Example:** Linear-Q, 600mm, Output Level 2, 120° Beam Angle, 4000K, White Fixture **LL4LQ262NW**

Product Group		Group Designation		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q	LQ2	1-10V Dimmable		600mm	6	Twin	2	6500K	C6	White	W
				DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2 Series LED Battens



## Physical

Length:	600mm
Width:	92.2mm
Height:	78.8mm
Weight:	0.88kg

## Control and Programming

Dimming:	1-10V
----------	-------

## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	2200Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	15W
Power Factor:	0.90

## Thermal

Storage Temperature:	-20°C to +70°C
Operating Range Tc:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



# Linear-Q™ Generation 2

LL4LQ2 Series LED Battens



## Linear-Q Features at a Glance

- Range: 2200Lm, 15W
- Up to 141Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

Linear-Q products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

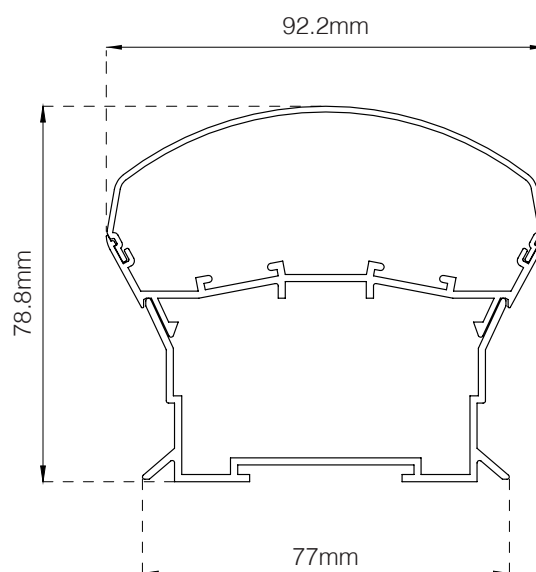
Linear-Q products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q

**Example:** Linear-Q, 1200mm, Output Level 1, 120° Beam Angle, 4000K, White Fixture **LL4LQ2121NW**

Product Group		Group Designation		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q	LQ2	1-10V Dimmable		1200mm	12	Single	1	6500K	C6	White	W
				DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2 Series LED Battens



## Physical

Length:	1200mm
Width:	92.2mm
Height:	78.8mm
Weight:	2.18kg

## Control and Programming

Dimming:	1-10V
----------	-------

## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	2200Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	15W
Power Factor:	0.90

## Thermal

Storage Temperature:	-20°C to +70°C
Operating Range Tc:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



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# Linear-Q™ Generation 2

LL4LQ2 Series LED Battens



## Linear-Q Features at a Glance

- Range: 4440Lm, 30W
- Up to 141Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

Linear-Q products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

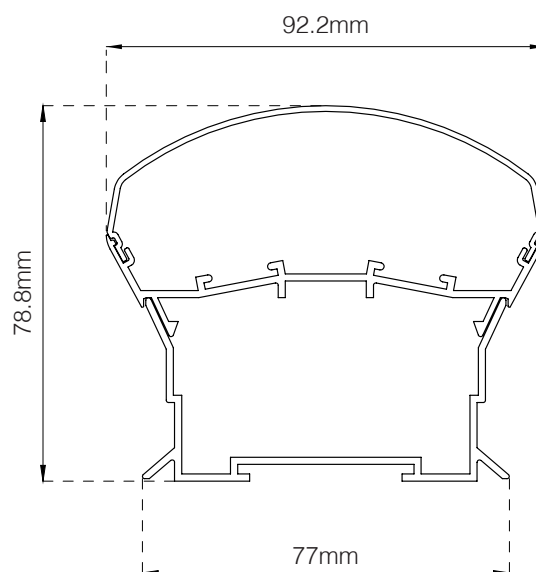
Linear-Q products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q

**Example:** Linear-Q, 1200mm, Output Level 2, 120° Beam Angle, 4000K, White Fixture **LL4LQ2122NW**

Product Group		Group Designation		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q	LQ2	1-10V Dimmable		1200mm	12	Twin	2	6500K	C6	White	W
				DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2 Series LED Battens



## Physical

Length:	1200mm
Width:	92.2mm
Height:	78.8mm
Weight:	2.225kg

## Control and Programming

Dimming:	1-10V
----------	-------

## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	4440Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	30W
Power Factor:	0.90

## Thermal

Storage Temperature:	-20°C to +70°C
Operating Range Tc:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.





# Linear-Q™ Generation 2

LL4LQ2 Series LED Battens



## Linear-Q Features at a Glance

- Range: 3000Lm, 20W
- Up to 141Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



1440mm

## Dimming and Control

Linear-Q products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

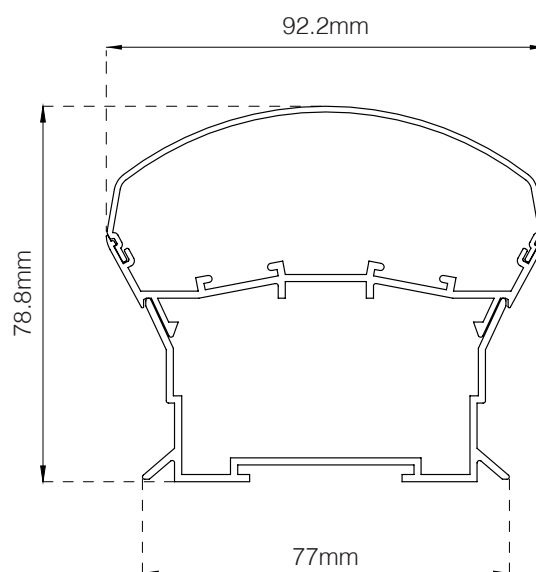
Linear-Q products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q

**Example:** Linear-Q, 1440mm, Output Level 1, 120° Beam Angle, 4000K, White Fixture **LL4LQ2151NW**

Product Group		Group Designation		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q	LQ2	1-10V Dimmable		1440mm	15	Single	1	6500K	C6	White	W
				DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2 Series LED Battens



## Physical

Length:	1440mm
Width:	92.2mm
Height:	78.8mm
Weight:	2.0kg

## Control and Programming

Dimming:	1-10V
----------	-------

## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	3000Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	30W
Power Factor:	0.90

## Thermal

Storage Temperature:	-20°C to +70°C
Operating Range Tc:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



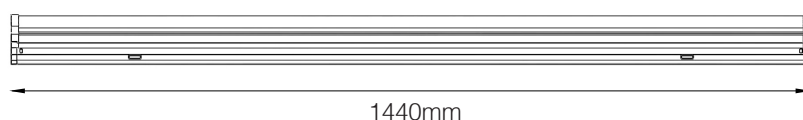
# Linear-Q™ Generation 2

LL4LQ2 Series LED Battens



## Linear-Q Features at a Glance

- Range: 6000Lm, 40W
- Up to 141Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

Linear-Q products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

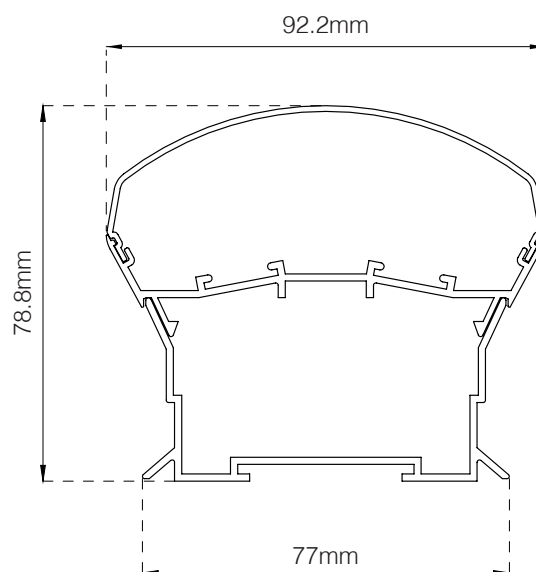
Linear-Q products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q

**Example:** Linear-Q, 1440mm, Output Level 2, 120° Beam Angle, 4000K, White Fixture **LL4LQ2152NW**

Product Group		Group Designation		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q	LQ2	1-10V Dimmable		1440mm	15	Twin	2	6500K	C6	White	W
				DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2 Series LED Battens



## Physical

Length:	1440mm
Width:	92.2mm
Height:	78.8mm
Weight:	2.0kg

## Control and Programming

Dimming:	1-10V
----------	-------

## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	6000Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	40W
Power Factor:	0.90

## Thermal

Storage Temperature:	-20°C to +70°C
Operating Range Tc:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Specifications subject to change without notice.



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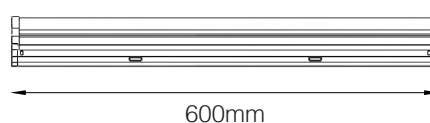
# Linear-Q™ Generation 2

LL4LQ2E Emergency Series LED Battens



## Linear-Q Features at a Glance

- Range: 1470Lm, 10W
- Up to 141Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

Linear-Q products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

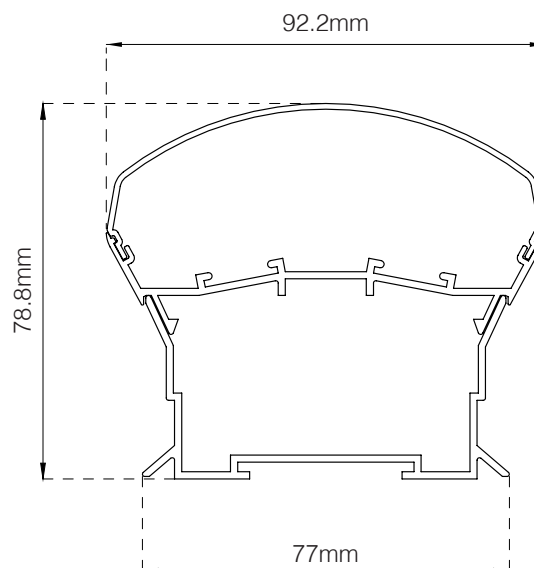
Linear-Q products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q

**Example:** Linear-Q, 600mm, Output Level 1, 120° Beam Angle, 4000K, White Fixture **LL4LQ261NW**

Product Group		Group Designation		Additional Features		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q	LQ2	Standard Fixture		1-10V Dimmable		600mm	6	Single	1	6500K	C6	White	W
				Emergency	E	DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2E Emergency Series LED Battens



## Physical

Length:	600mm
Width:	92.2mm
Height:	78.8mm
Weight:	0.88kg

## Control and Programming

Dimming:	1-10V
----------	-------

## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	1470Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	10W
Power Factor:	0.90

## Thermal

Storage Temperature:	-20°C to +70°C
Operating Range Tc:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Emergency Specifications

Maximum Emergency Power:	2W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 1.5Ah
Input Voltage:	220-240VAC
Input Current:	35-60mA
Output Voltage:	10...42VDC,
Output Current:	500mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...50°C
Emergency Classification:	C0, C180: D63 (21.1m) C90, C270: D40 (18m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.



# Zone Control

LL4LQ2M Remote



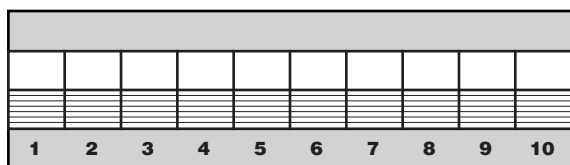
## Zone Control Specifications

<b>Operating Voltage:</b>	240Vac
<b>Rated Load:</b>	1200VA @ 240Vac
<b>HF System:</b>	5.8GHz
<b>Power Consumption:</b>	<1W (Operation)
<b>Dim Control Output:</b>	0-10V, max, 25mA sinking current
<b>Detection radius/angle:</b>	8m/360°
<b>Mounting Height:</b>	2.3m to 6m
<b>Remote Range:</b>	10m indoor
<b>Humidity:</b>	Max. 95% RH
<b>Transmission Power:</b>	<0.2mW



## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



Sensor Range and Sensitivity

1	2
▼	▼ 20%
▼	▲ 50%
▲	▼ 75%
▲	▲ 100%



Hold Time

3	4
▼	▼ 10s
▼	▲ 1min
▲	▼ 5min
▲	▲ 15min



Light Level Activation Threshold

5	6
▼	▼ Light sensor disable
▼	▲ 10Lux
▲	▼ 30Lux
▲	▲ 50Lux



Minimum Dim Level

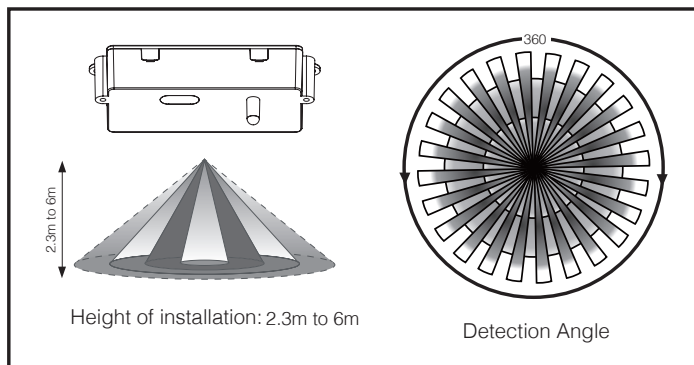
7	8
▼	▼ 0%
▼	▲ 10%
▲	▼ 30%
▲	▲ 50%



Dim to Off Time

9	10
▼	▼ +∞
▼	▲ 1min
▲	▼ 30min
▲	▲ 60min

## Sensor Information



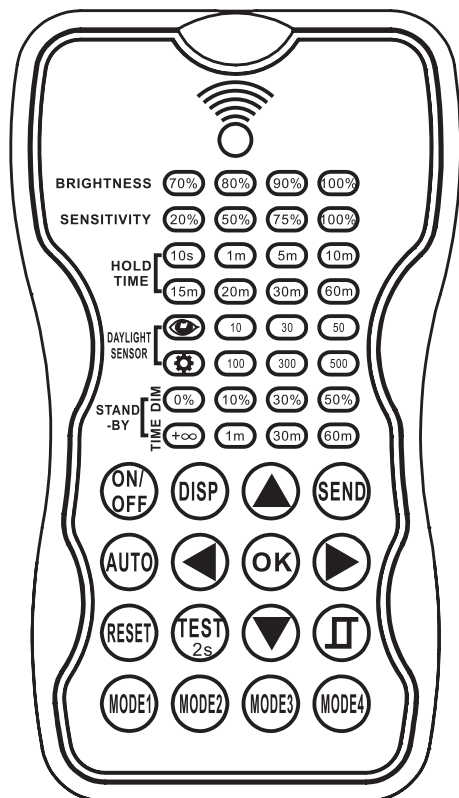


# Zone Control

LL4LQ2M Remote



## Remote Control Operation



ON/OFF	Luminaire defaults to permanent ON or permanent OFF mode. Sensor is disabled. To exit this mode press AUTO	AUTO	Sensor reverts back to the latest parameters before lights were switched on/off permanently
DISP	Displays the current settings using the LED indicators on the remote control		
RESET	Reset all settings to those configured on the DIP switch located on the back of the sensor		
▲ ▼	Enter setting mode. Navigate up and down during setting mode		
◀ ▶	Navigate left and right during setting mode		
OK	Stores selected parameters during setting mode	TEST 2s	Used for testing sensitivity range during initial setup. Standby period and daylight sensor are disabled in this mode. Hold time is set to 2s. Set sensitivity when in setting mode. Press TEST 2s to enter sensitivity test mode. This will allow the user to test the sensitivity at each set point (20%, 50%, 75%, 100%)
SEND	Upload selected parameters to sensors		
MODE1 MODE2 MODE3 MODE4	4 scene modes with preset parameters. Parameters for each mode can be changed by entering setting mode after pressing MODE1, MODE2, MODE3 or MODE4		Press AUTO to exit sensitivity test mode

## LED Indicators

LED Indicator	Description
Brightness	Set the output brightness level (%) of the LED luminaire during occupancy
Sensitivity	Set occupancy sensing sensitivity of the sensor
Hold Time	Set hold time during occupancy
Daylight Sensor	Set daylight threshold. Sensor operates only below set lux level
	Set the current surrounding lux level as the daylight threshold
	Disable daylight sensor
Stand-by dim	Set the light output level in % during vacancy. Set to 0 for light off during vacancy
stand-by time	Set dim to off time

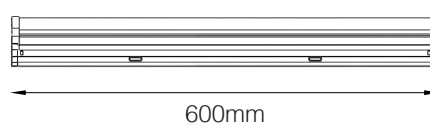
# Linear-Q™ Generation 2

LL4LQ2E Emergency Series LED Battens



## Linear-Q Features at a Glance

- Range: 1470Lm, 10W
- Up to 141Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

Linear-Q products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

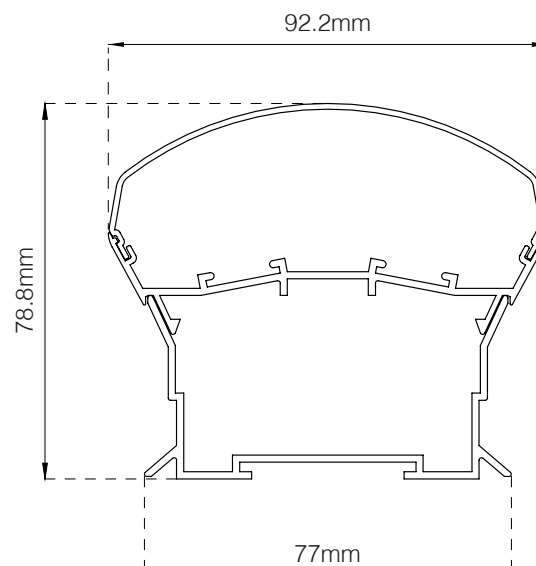
Linear-Q products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q

**Example:** Linear-Q, 600mm, Output Level 1, 120° Beam Angle, 4000K, White Fixture **LL4LQ261NW**

Product Group		Group Designation		Additional Features		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q	LQ2	Standard Fixture		1-10V Dimmable		600mm	6	Single	1	6500K	C6	White	W
				Emergency	E	DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2E Emergency Series LED Battens



## Physical

Length:	600mm
Width:	92.2mm
Height:	78.8mm
Weight:	0.88kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	1470Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	10W
Power Factor:	0.90

## Thermal

Storage Temperature:	-20°C to +70°C
Operating Range Tc:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Emergency Specifications

Maximum Emergency Power:	2W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 1.5Ah
Input Voltage:	220-240VAC
Input Current:	35-60mA
Output Voltage:	10...42VDC,
Output Current:	500mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...50°C
Emergency Classification:	C0, C180: D63 (21.1m) C90, C270: D40 (18m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.



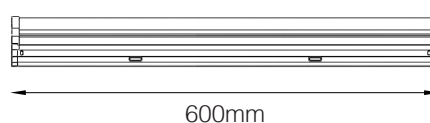
# Linear-Q™ Generation 2

LL4LQ2E Emergency Series LED Battens



## Linear-Q Features at a Glance

- Range: 2200Lm, 15W
- Up to 141Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

Linear-Q products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

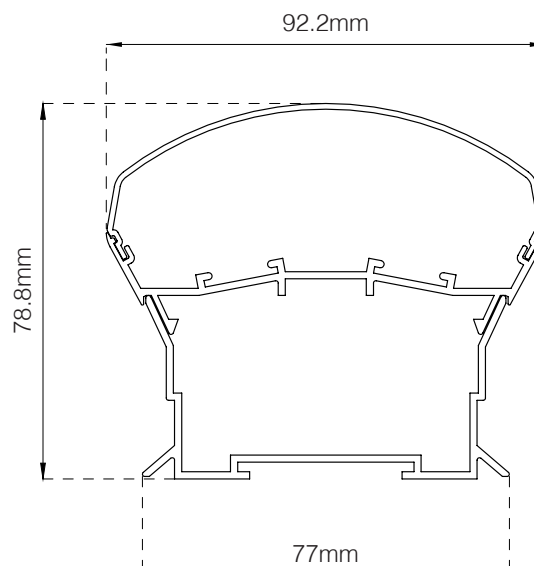
Linear-Q products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q

**Example:** Linear-Q, 600mm, Output Level 2, 120° Beam Angle, 4000K, White Fixture **LL4LQ262NW**

Product Group		Group Designation		Additional Features		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q	LQ2	Standard Fixture		1-10V Dimmable		600mm	6	Twin	2	6500K	C6	White	W
				Emergency	E	DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2E Emergency Series LED Battens



## Physical

Length:	600mm
Width:	92.2mm
Height:	78.8mm
Weight:	0.88kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
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## Output

Luminous Flux 4000K:	2200Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	15W
Power Factor:	0.90

## Thermal

Storage Temperature:	-20°C to +70°C
Operating Range Tc:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Emergency Specifications

Maximum Emergency Power:	2W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 1.5Ah
Input Voltage:	220-240VAC
Input Current:	35-60mA
Output Voltage:	10...42VDC,
Output Current:	500mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...50°C
Emergency Classification:	C0, C180: D63 (21.1m) C90, C270: D40 (18m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.



# Linear-Q™ Generation 2

LL4LQ2E Emergency Series LED Battens



## Linear-Q Features at a Glance

- Range: 2200Lm, 15W
- Up to 141Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

Linear-Q products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

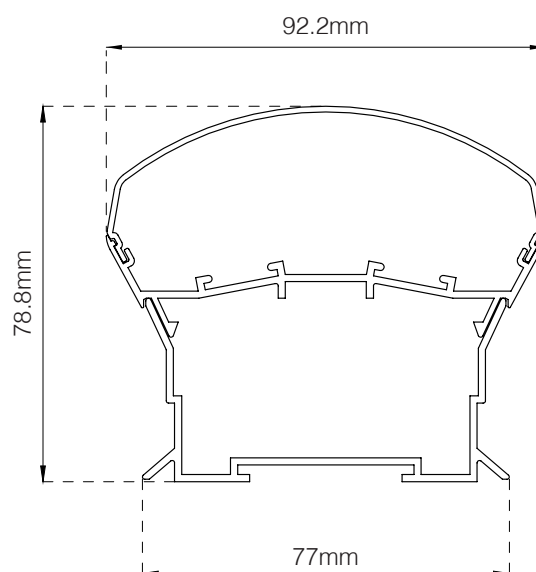
Linear-Q products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q

**Example:** Linear-Q, 1200mm, Output Level 1, 120° Beam Angle, 4000K, White Fixture **LL4LQ2121NW**

Product Group		Group Designation		Additional Features		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q	LQ2	Standard Fixture		1-10V Dimmable		1200mm	12	Single	1	6500K	C6	White	W
				Emergency	E	DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2E Emergency Series LED Battens



## Physical

Length:	1200mm
Width:	92.2mm
Height:	78.8mm
Weight:	2.18kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	2200Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	15W
Power Factor:	0.90

## Thermal

Storage Temperature:	-20°C to +70°C
Operating Range Tc:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Emergency Specifications

Maximum Emergency Power:	2W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 1.5Ah
Input Voltage:	220-240VAC
Input Current:	35-60mA
Output Voltage:	10...42VDC,
Output Current:	500mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...50°C
Emergency Classification:	C0, C180: D63 (21.1m) C90, C270: D40 (18m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.





# Linear-Q™ Generation 2

LL4LQ2E Emergency Series LED Battens



## Linear-Q Features at a Glance

- Range: 4440Lm, 30W
- Up to 141Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

Linear-Q products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

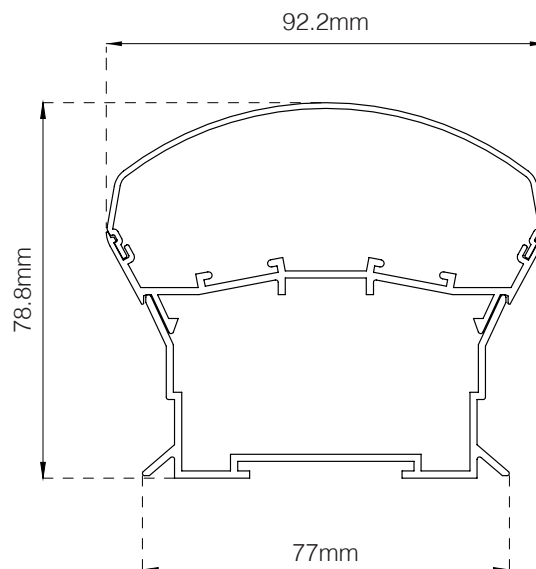
Linear-Q products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q

**Example:** Linear-Q, 1200mm, Output Level 2, 120° Beam Angle, 4000K, White Fixture **LL4LQ2122NW**

Product Group		Group Designation		Additional Features		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q	LQ2	Standard Fixture		1-10V Dimmable		1200mm	12	Twin	2	6500K	C6	White	W
				Emergency	E	DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2E Emergency Series LED Battens



## Physical

Length:	1200mm
Width:	92.2mm
Height:	78.8mm
Weight:	2.225kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
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## Output

Luminous Flux 4000K:	4440Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	30W
Power Factor:	0.90

## Thermal

Storage Temperature:	-20°C to +70°C
Operating Range Tc:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Emergency Specifications

Maximum Emergency Power:	4W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 3.0Ah
Input Voltage:	220-240VAC
Input Current:	35-60mA
Output Voltage:	10...42VDC,
Output Current:	100mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...50°C
Emergency Classification:	C0, C180: D63 (21.1m) C90, C270: D40 (18m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.



# Linear-Q™ Generation 2

LL4LQ2E Emergency Series LED Battens



## Linear-Q Features at a Glance

- Range: 3000Lm, 20W
- Up to 141Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



1440mm

## Dimming and Control

Linear-Q products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

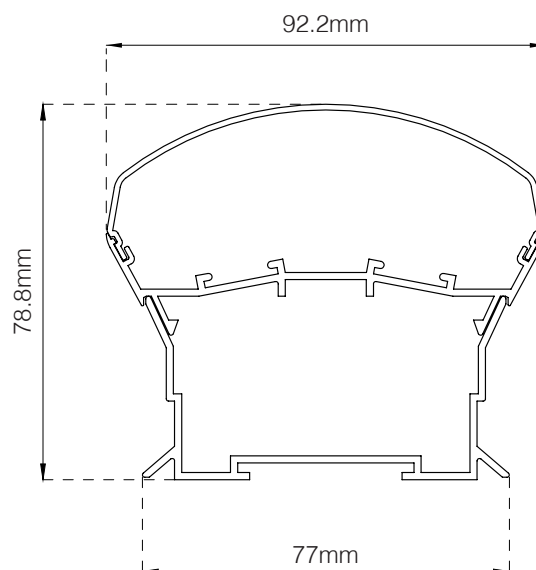
Linear-Q products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q

**Example:** Linear-Q, 1440mm, Output Level 1, 120° Beam Angle, 4000K, White Fixture **LL4LQ2151NW**

Product Group		Group Designation		Additional Features		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q	LQ2	Standard Fixture		1-10V Dimmable		1440mm	15	Single	1	6500K	C6	White	W
				Emergency	E	DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2E Emergency Series LED Battens



## Physical

Length:	1440mm
Width:	92.2mm
Height:	78.8mm
Weight:	2.0kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
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## Output

Luminous Flux 4000K:	3000Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	30W
Power Factor:	0.90

## Thermal

Storage Temperature:	-20°C to +70°C
Operating Range Tc:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Emergency Specifications

Maximum Emergency Power:	4W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 3.0Ah
Input Voltage:	220-240VAC
Input Current:	35-60mA
Output Voltage:	10...42VDC,
Output Current:	100mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...50°C
Emergency Classification:	C0, C180: D63 (21.1m) C90, C270: D40 (18m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.



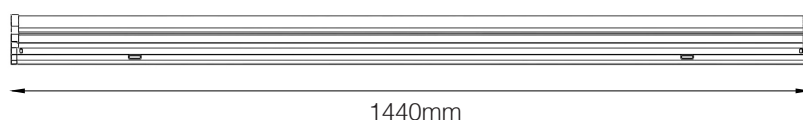
# Linear-Q™ Generation 2

LL4LQ2E Emergency Series LED Battens



## Linear-Q Features at a Glance

- Range: 6000Lm, 40W
- Up to 141Lm/W
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming and Control

Linear-Q products are 1-10V dimmable as standard. DALI dimming optional.

Better control your powered environment and minimise energy costs using the AUDACY advanced wireless control system. Contact LUMEX for further information.

## Ripple Frequency Interference

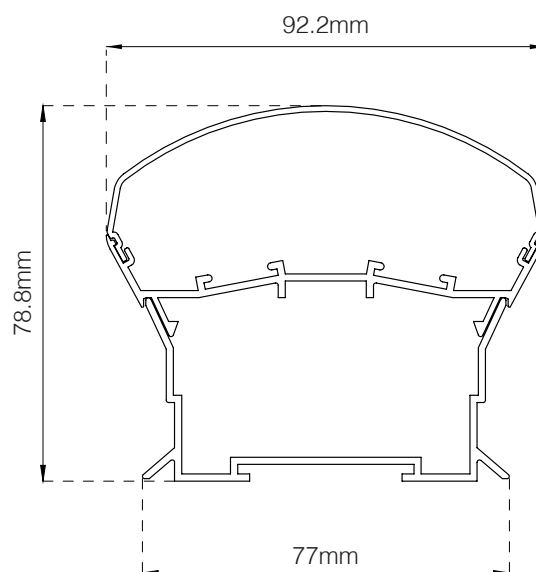
Linear-Q products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q

**Example:** Linear-Q, 1440mm, Output Level 2, 120° Beam Angle, 4000K, White Fixture **LL4LQ2152NW**

Product Group		Group Designation		Additional Features		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q	LQ2	Standard Fixture		1-10V Dimmable		1440mm	15	Twin	2	6500K	C6	White	W
				Emergency	E	DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2E Emergency Series LED Battens



## Physical

Length:	1440mm
Width:	92.2mm
Height:	78.8mm
Weight:	2.0kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	6000Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	40W
Power Factor:	0.90

## Thermal

Storage Temperature:	-20°C to +70°C
Operating Range Tc:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Emergency Specifications

Maximum Emergency Power:	4W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 3.0Ah
Input Voltage:	220-240VAC
Input Current:	35-60mA
Output Voltage:	10...42VDC,
Output Current:	100mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...50°C
Emergency Classification:	C0, C180: D63 (21.1m) C90, C270: D40 (18m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.



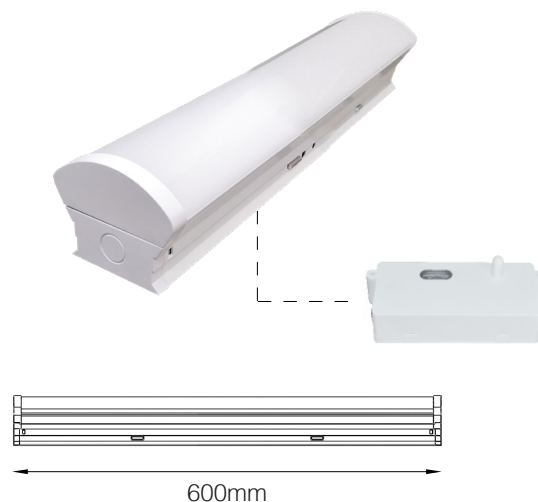
# Linear-Q™ Generation 2

LL4LQ2 Series SmartSense LED Battens



## Linear-Q SmartSense Features at a Glance

- Range: 1470Lm, 11W
- Up to 141Lm/W
- Integrated Lumex SmartSense technology
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming

Linear-Q SmartSense Battens have an integrated Lumex SmartSense technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Ripple Frequency Interference

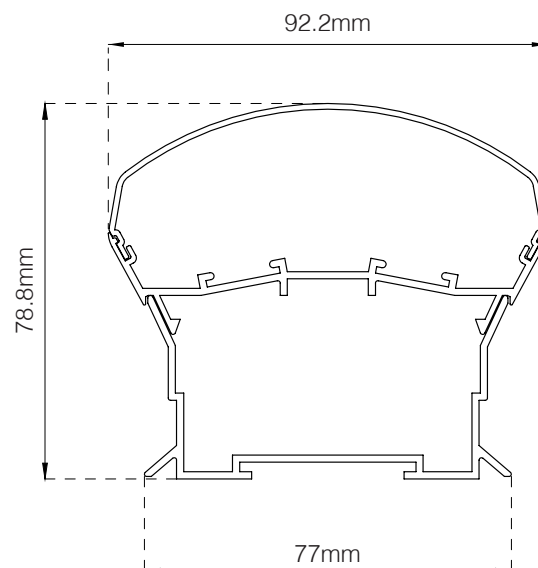
Linear-Q SmartSense products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q SmartSense products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q SmartSense products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q SmartSense

**Example:** Linear-Q SmartSense, 600mm, Output Level 1, 120° Beam Angle, 6500K, White Fixture **LL4LQ2M61C6W**

Product Group		Group Designation		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q SmartSense	LQ2M	1-10V Dimmable		600mm	6	Single	1	6500K	C6	White	W
				DALI	DD					4000K	N		





# Linear-Q™ Generation 2

LL4LQ2 Series SmartSense LED Battens



## Physical

Length:	600mm
Width:	92.2mm
Height:	78.8mm
Weight:	0.88kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	1470Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	11W
Power Factor:	0.90

## Thermal

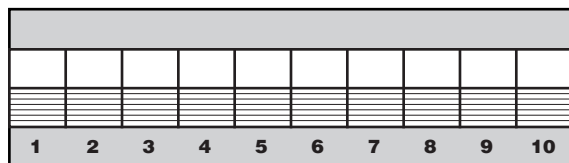
Storage Temperature:	-20°C to +70°C
Operating Range Ta:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



1 & 2 - Sensor Range and Sensitivity (3-10m diameter)

3 & 4 - Hold time (10sec - 60min)

5 & 6 - Light Level Activation threshold (10 - 50 lux)

7 & 8 - Minimum Dim Level (50% to off)

9 & 10 - Dim to Off time (1min - 60min)

For further details refer to SmartSense Zone Control Manual

## SmartSense Specifications

Operating Voltage:	240Vac
Rated Load:	1200VA @ 240Vac
HF System:	5.8GHz
Power Consumption:	<1W (Operation)
Dim Control Output:	0-10V, max, 25mA sinking current
Detection radius/angle:	8m/360°
Mounting Height:	2.3m to 6m
Remote Range:	10m indoor
Humidity:	Max. 95% RH
Transmission Power:	<0.2mW

Specifications subject to change without notice.



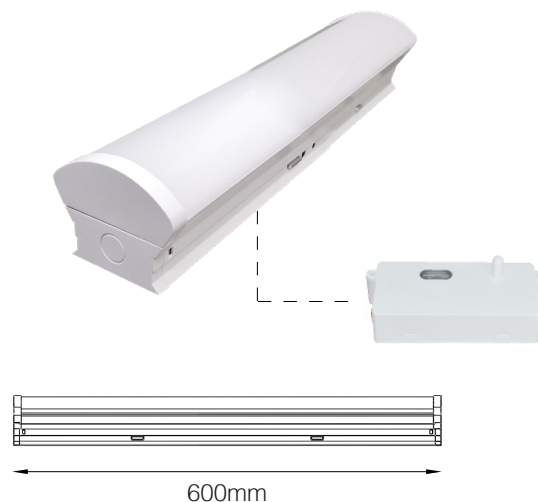
# Linear-Q™ Generation 2

LL4LQ2 Series SmartSense LED Battens



## Linear-Q SmartSense Features at a Glance

- Range: 2200Lm, 16W
- Up to 141Lm/W
- Integrated Lumex SmartSense technology
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming

Linear-Q SmartSense Battens have an integrated Lumex SmartSense Zone Control technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Ripple Frequency Interference

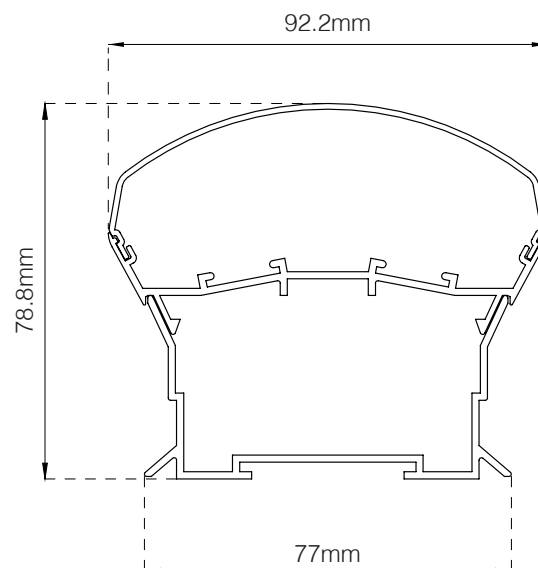
Linear-Q SmartSense products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q SmartSense products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q SmartSense products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q SmartSense

**Example:** Linear-Q SmartSense, 600mm, Output Level 2, 120° Beam Angle, 4000K, White Fixture **LL4LQ2M62NW**

Product Group		Group Designation		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q SmartSense	LQ2M	1-10V Dimmable		600mm	6	Twin	2	6500K	C6	White	W
				DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2 Series SmartSense LED Battens



## Physical

Length:	600mm
Width:	92.2mm
Height:	78.8mm
Weight:	0.88kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	2200Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	16W
Power Factor:	0.90

## Thermal

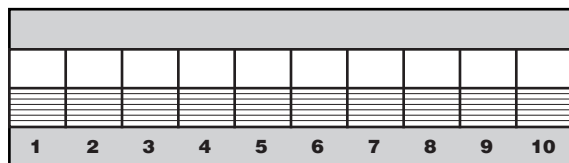
Storage Temperature:	-20°C to +70°C
Operating Range Ta:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



1 & 2 - Sensor Range and Sensitivity (3-10m diameter)

3 & 4 - Hold time (10sec - 60min)

5 & 6 - Light Level Activation threshold (10 - 50 lux)

7 & 8 - Minimum Dim Level (50% to off)

9 & 10 - Dim to Off time (1min - 60min)

For further details refer to SmartSense Zone Control Manual

## SmartSense Specifications

Operating Voltage:	240Vac
Rated Load:	1200VA @ 240Vac
HF System:	5.8GHz
Power Consumption:	<1W (Operation)
Dim Control Output:	0-10V, max, 25mA sinking current
Detection radius/angle:	8m/360°
Mounting Height:	2.3m to 6m
Remote Range:	10m indoor
Humidity:	Max. 95% RH
Transmission Power:	<0.2mW

Specifications subject to change without notice.



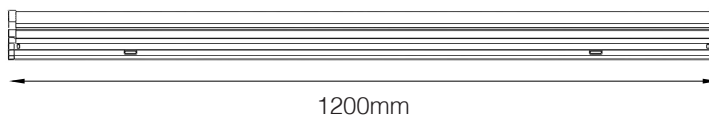
# Linear-Q™ Generation 2

LL4LQ2 Series SmartSense LED Battens



## Linear-Q SmartSense Features at a Glance

- Range: 2200, 16W
- Up to 141Lm/W
- Integrated Lumex SmartSense technology
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming

Linear-Q SmartSense Battens have an integrated Lumex SmartSense technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Ripple Frequency Interference

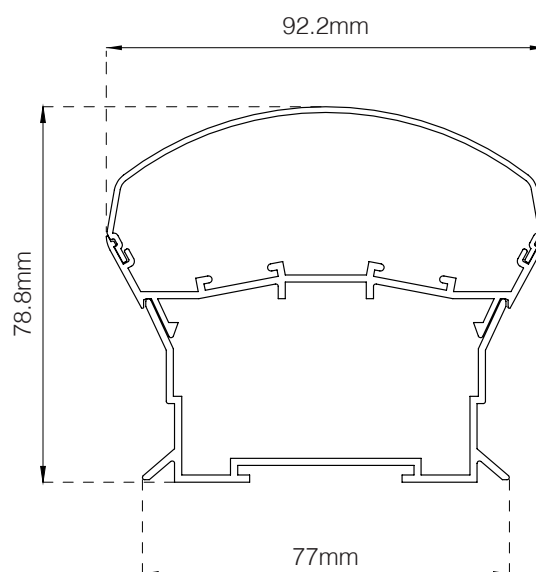
Linear-Q SmartSense products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q SmartSense products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q SmartSense products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q SmartSense

**Example:** Linear-Q SmartSense, 1200mm, Output Level 1, 120° Beam Angle, 4000K, White Fixture **LL4LQ2M121NW**

Product Group		Group Designation		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q SmartSense	LQ2M	1-10V Dimmable		1200mm	12	Single	1	6500K	C6	White	W
				DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2 Series SmartSense LED Battens



## Physical

Length:	1200mm
Width:	92.2mm
Height:	78.8mm
Weight:	1.62kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
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## Output

Luminous Flux 4000K:	2200Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	16W
Power Factor:	0.90

## Thermal

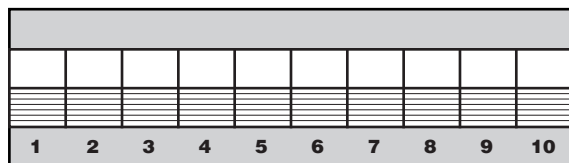
Storage Temperature:	-20°C to +70°C
Operating Range Ta:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



1 & 2 - Sensor Range and Sensitivity (3-10m diameter)

3 & 4 - Hold time (10sec - 60min)

5 & 6 - Light Level Activation threshold (10 - 50 lux)

7 & 8 - Minimum Dim Level (50% to off)

9 & 10 - Dim to Off time (1min - 60min)

For further details refer to SmartSense Zone Control Manual

## SmartSense Specifications

Operating Voltage:	240Vac
Rated Load:	1200VA @ 240Vac
HF System:	5.8GHz
Power Consumption:	<1W (Operation)
Dim Control Output:	0-10V, max, 25mA sinking current
Detection radius/angle:	8m/360°
Mounting Height:	2.3m to 6m
Remote Range:	10m indoor
Humidity:	Max. 95% RH
Transmission Power:	<0.2mW

Specifications subject to change without notice.



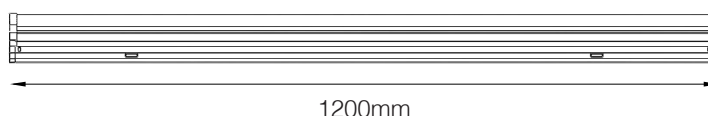
# Linear-Q™ Generation 2

LL4LQ2 Series SmartSense LED Battens



## Linear-Q SmartSense Features at a Glance

- Range: 4440, 31W
- Up to 141Lm/W
- Integrated Lumex SmartSense technology
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming

Linear-Q SmartSense Battens have an integrated Lumex SmartSense technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Ripple Frequency Interference

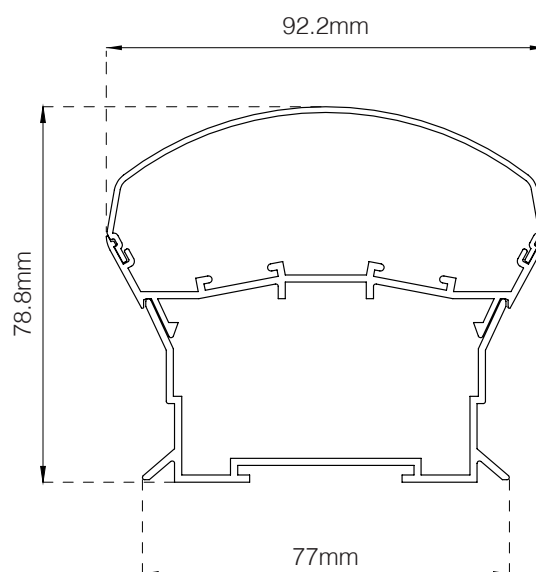
Linear-Q SmartSense products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q SmartSense products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q SmartSense products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q SmartSense

**Example:** Linear-Q SmartSense, 1200mm, Output Level 2, 120° Beam Angle, 4000K, White Fixture **LL4LQ2M122NW**

Product Group		Group Designation		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q SmartSense	LQ2M	1-10V Dimmable		1200mm	12	Twin	2	6500K	C6	White	W
				DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2 Series SmartSense LED Battens



## Physical

Length:	1200mm
Width:	92.2mm
Height:	78.8mm
Weight:	2.0kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
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## Output

Luminous Flux 4000K:	4440Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	31W
Power Factor:	0.90

## Thermal

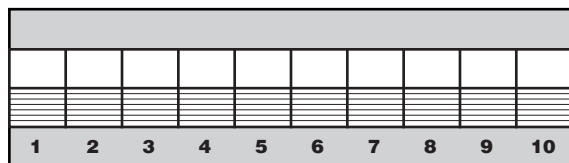
Storage Temperature:	-20°C to +70°C
Operating Range Ta:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



1 & 2 - Sensor Range and Sensitivity (3-10m diameter)

3 & 4 - Hold time (10sec - 60min)

5 & 6 - Light Level Activation threshold (10 - 50 lux)

7 & 8 - Minimum Dim Level (50% to off)

9 & 10 - Dim to Off time (1min - 60min)

For further details refer to SmartSense Zone Control Manual

## SmartSense Specifications

Operating Voltage:	240Vac
Rated Load:	1200VA @ 240Vac
HF System:	5.8GHz
Power Consumption:	<1W (Operation)
Dim Control Output:	0-10V, max, 25mA sinking current
Detection radius/angle:	8m/360°
Mounting Height:	2.3m to 6m
Remote Range:	10m indoor
Humidity:	Max. 95% RH
Transmission Power:	<0.2mW

Specifications subject to change without notice.





# Linear-Q™ Generation 2

LL4LQ2 Series SmartSense LED Battens



## Linear-Q SmartSense Features at a Glance

- Range: 3000Lm, 21W
- Up to 141Lm/W
- Integrated Lumex SmartSense technology
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming

Linear-Q SmartSense Battens have an integrated Lumex SmartSense technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Ripple Frequency Interference

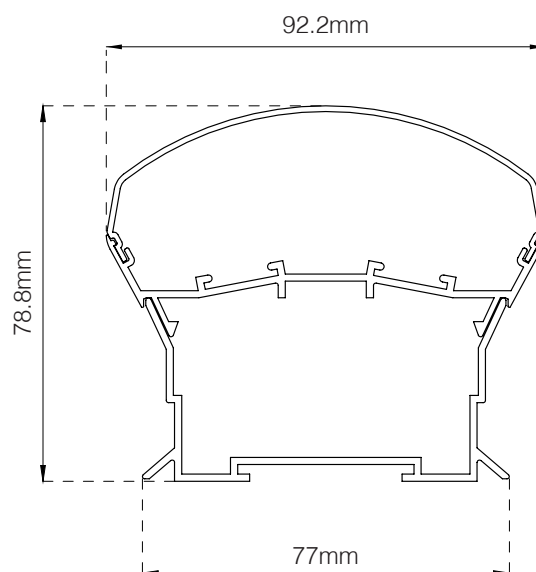
Linear-Q SmartSense products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q SmartSense products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q SmartSense products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q SmartSense

**Example:** Linear-Q SmartSense, 1440mm, Output Level 1, 120° Beam Angle, 4000K, White Fixture **LL4LQ2M151NW**

Product Group		Group Designation		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q SmartSense	LQ2M	1-10V Dimmable		1440mm	15	Single	1	6500K	C6	White	W
				DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2 Series SmartSense LED Battens



## Physical

Length:	1440mm
Width:	92.2mm
Height:	78.8mm
Weight:	2.0kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
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## Output

Luminous Flux 4000K:	3000Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	21W
Power Factor:	0.90

## Thermal

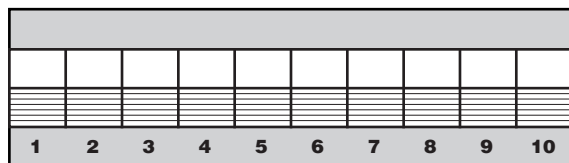
Storage Temperature:	-20°C to +70°C
Operating Range Ta:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



1 & 2 - Sensor Range and Sensitivity (3-10m diameter)

3 & 4 - Hold time (10sec - 60min)

5 & 6 - Light Level Activation threshold (10 - 50 lux)

7 & 8 - Minimum Dim Level (50% to off)

9 & 10 - Dim to Off time (1min - 60min)

For further details refer to SmartSense Zone Control Manual

## SmartSense Specifications

Operating Voltage:	240Vac
Rated Load:	1200VA @ 240Vac
HF System:	5.8GHz
Power Consumption:	<1W (Operation)
Dim Control Output:	0-10V, max, 25mA sinking current
Detection radius/angle:	8m/360°
Mounting Height:	2.3m to 6m
Remote Range:	10m indoor
Humidity:	Max. 95% RH
Transmission Power:	<0.2mW

Specifications subject to change without notice.



# Linear-Q™ Generation 2

LL4LQ2 Series SmartSense LED Battens



## Linear-Q SmartSense Features at a Glance

- Range: 6000Lm, 41W
- Up to 141Lm/W
- Integrated Lumex SmartSense technology
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming

Linear-Q SmartSense Battens have an integrated Lumex SmartSense technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Ripple Frequency Interference

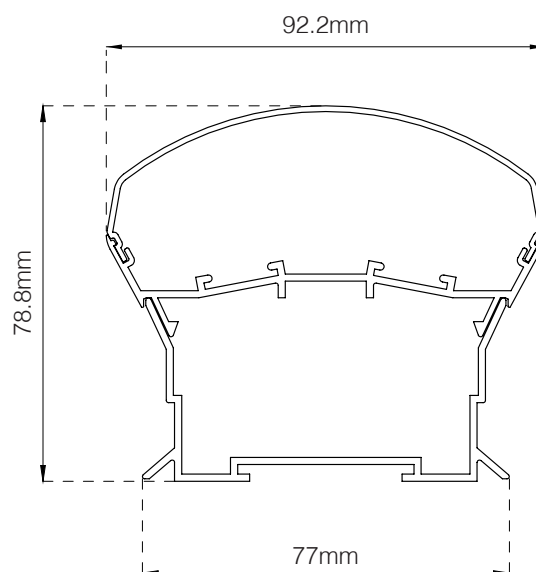
Linear-Q SmartSense products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q SmartSense products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q SmartSense products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q SmartSense

**Example:** Linear-Q SmartSense, 1440mm, Output Level 2, 120° Beam Angle, 4000K, White Fixture **LL4LQ2M152NW**

Product Group		Group Designation		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q SmartSense	LQ2M	1-10V Dimmable		1440mm	15	Twin	2	6500K	C6	White	W
				DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2 Series SmartSense LED Battens



## Physical

Length:	1440mm
Width:	92.2mm
Height:	78.8mm
Weight:	2.0kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
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## Output

Luminous Flux 4000K:	6000Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	41W
Power Factor:	0.90

## Thermal

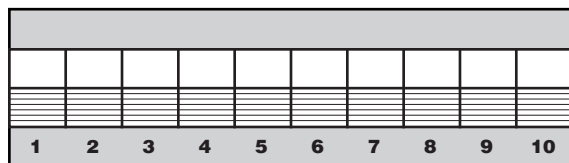
Storage Temperature:	-20°C to +70°C
Operating Range Ta:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



1 & 2 - Sensor Range and Sensitivity (3-10m diameter)

3 & 4 - Hold time (10sec - 60min)

5 & 6 - Light Level Activation threshold (10 - 50 lux)

7 & 8 - Minimum Dim Level (50% to off)

9 & 10 - Dim to Off time (1min - 60min)

For further details refer to SmartSense Zone Control Manual

## SmartSense Specifications

Operating Voltage:	240Vac
Rated Load:	1200VA @ 240Vac
HF System:	5.8GHz
Power Consumption:	<1W (Operation)
Dim Control Output:	0-10V, max, 25mA sinking current
Detection radius/angle:	8m/360°
Mounting Height:	2.3m to 6m
Remote Range:	10m indoor
Humidity:	Max. 95% RH
Transmission Power:	<0.2mW

Specifications subject to change without notice.



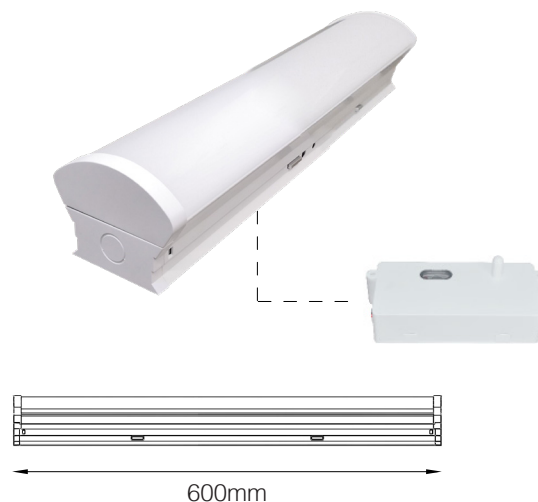
# Linear-Q™ Generation 2

LL4LQ2ME SmartSense Emergency Series LED Battens



## Linear-Q SmartSense Emergency Features at a Glance

- Range: 1470Lm, 11W
- Up to 141Lm/W
- Integrated Lumex SmartSense technology
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming

Linear-Q SmartSense Battens have an integrated Lumex SmartSense technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Ripple Frequency Interference

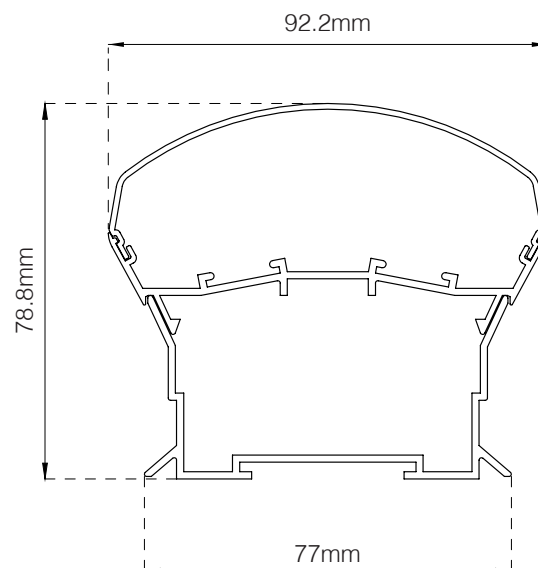
Linear-Q SmartSense products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q SmartSense products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q SmartSense products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q SmartSense Emergency

**Example:** Linear-Q SmartSense Emergency, 600mm, Output Level 1, 120° Beam Angle, 6500K, White Fixture **LL4LQ2ME61C6W**

Product Group		Group Designation		Additional Features		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q SmartSense	LQ2M	Emergency	E	1-10V Dimmable		600mm	6	Single	1	6500K	C6	White	W
						DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2ME SmartSense Emergency Series LED Battens



## Physical

Length:	600mm
Width:	92.2mm
Height:	78.8mm
Weight:	0.88kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
-------------------	-------------------

## Output

Luminous Flux 4000K:	1470Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	11W
Power Factor:	0.90

## Thermal

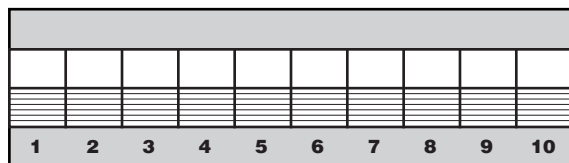
Storage Temperature:	-20°C to +70°C
Operating Range Ta:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



1 & 2 - Sensor Range and Sensitivity (3-10m diameter)

3 & 4 - Hold time (10sec - 60min)

5 & 6 - Light Level Activation threshold (10 - 50 lux)

7 & 8 - Minimum Dim Level (50% to off)

9 & 10 - Dim to Off time (1min - 60min)

For further details refer to SmartSense Zone Control Manual

## SmartSense Specifications

Operating Voltage:	240Vac
Rated Load:	1200VA @ 240Vac
HF System:	5.8GHz
Power Consumption:	<1W (Operation)
Dim Control Output:	0-10V, max, 25mA sinking current
Detection radius/angle:	8m/360°
Mounting Height:	2.3m to 6m
Remote Range:	10m indoor
Humidity:	Max. 95% RH
Transmission Power:	<0.2mW

## Emergency Specifications

Maximum Emergency Power:	2W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 1.5Ah
Input Voltage:	220-240VAC
Input Current:	35-60mA
Output Voltage:	10...42VDC,
Output Current:	500mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...50°C
Emergency Classification:	C0, C180: D63 (21.1m) C90, C270: D40 (18m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.



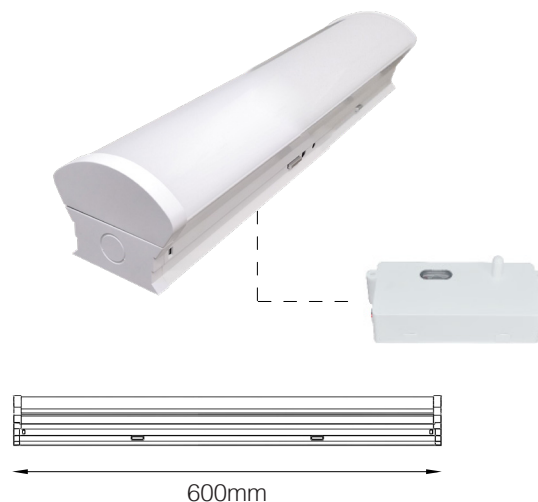
# Linear-Q™ Generation 2

LL4LQ2ME SmartSense Emergency Series LED Battens



## Linear-Q SmartSense Emergency Features at a Glance

- Range: 2200Lm, 16W
- Up to 141Lm/W
- Integrated Lumex SmartSense technology
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming

Linear-Q SmartSense Battens have an integrated Lumex SmartSense technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Ripple Frequency Interference

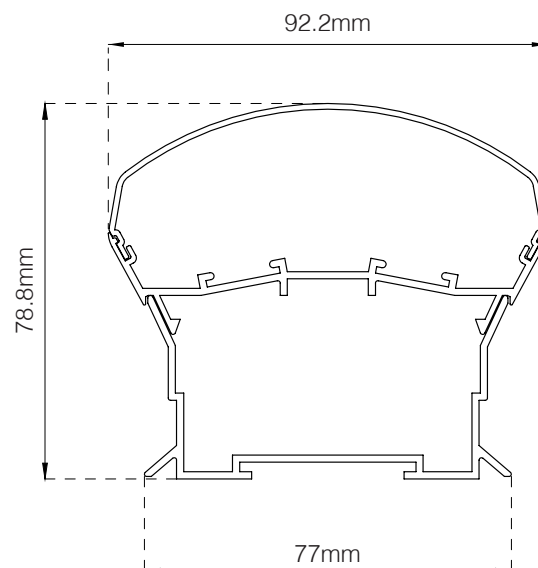
Linear-Q SmartSense products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q SmartSense products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q SmartSense products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q SmartSense Emergency

**Example:** Linear-Q SmartSense Emergency, 600mm, Output Level 2, 120° Beam Angle, 4000K, White Fixture **LL4LQ2ME62NW**

Product Group		Group Designation		Additional Features		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q SmartSense	LQ2M	Emergency	E	1-10V Dimmable		600mm	6	Twin	2	6500K	C6	White	W
						DALI	DD					4000K	N		





# Linear-Q™ Generation 2

LL4LQ2ME SmartSense Emergency Series LED Battens



## Physical

Length:	600mm
Width:	92.2mm
Height:	78.8mm
Weight:	0.88kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
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## Output

Luminous Flux 4000K:	2200Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	16W
Power Factor:	0.90

## Thermal

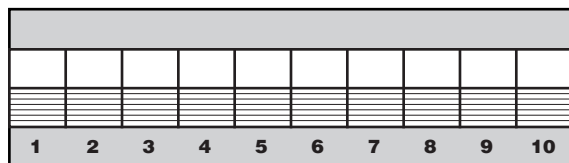
Storage Temperature:	-20°C to +70°C
Operating Range Ta:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



1 & 2 - Sensor Range and Sensitivity (3-10m diameter)

3 & 4 - Hold time (10sec - 60min)

5 & 6 - Light Level Activation threshold (10 - 50 lux)

7 & 8 - Minimum Dim Level (50% to off)

9 & 10 - Dim to Off time (1min - 60min)

For further details refer to SmartSense Zone Control Manual

## SmartSense Specifications

Operating Voltage:	240Vac
Rated Load:	1200VA @ 240Vac
HF System:	5.8GHz
Power Consumption:	<1W (Operation)
Dim Control Output:	0-10V, max, 25mA sinking current
Detection radius/angle:	8m/360°
Mounting Height:	2.3m to 6m
Remote Range:	10m indoor
Humidity:	Max. 95% RH
Transmission Power:	<0.2mW

## Emergency Specifications

Maximum Emergency Power:	2W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 1.5Ah
Input Voltage:	220-240VAC
Input Current:	35-60mA
Output Voltage:	10...42VDC,
Output Current:	500mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...50°C
Emergency Classification:	C0, C180: D63 (21.1m) C90, C270: D40 (18m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.



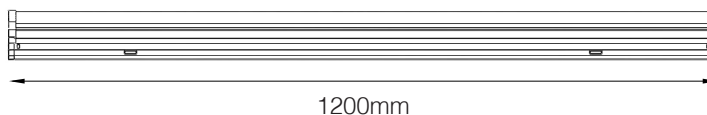
# Linear-Q™ Generation 2

LL4LQ2ME SmartSense Emergency Series LED Battens



## Linear-Q SmartSense Emergency Features at a Glance

- Range: 2200, 16W
- Up to 141Lm/W
- Integrated Lumex SmartSense technology
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming

Linear-Q SmartSense Battens have an integrated Lumex SmartSense technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Ripple Frequency Interference

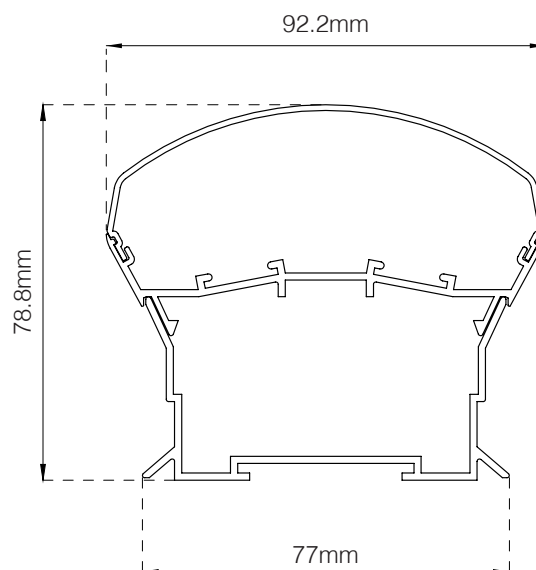
Linear-Q SmartSense products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q SmartSense products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q SmartSense products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q SmartSense Emergency

**Example:** Linear-Q SmartSense Emergency, 1200mm, Output Level 1, 120° Beam Angle, 4000K, White Fixture **LL4LQ2ME121NW**

Product Group		Group Designation		Additional Features		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q SmartSense	LQ2M	Emergency	E	1-10V Dimmable		1200mm	12	Single	1	6500K	C6	White	W
						DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2ME SmartSense Emergency Series LED Battens



## Physical

Length:	1200mm
Width:	92.2mm
Height:	78.8mm
Weight:	1.62kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
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## Output

Luminous Flux 4000K:	2200Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	16W
Power Factor:	0.90

## Thermal

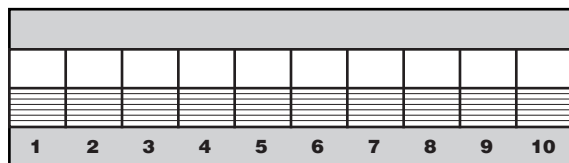
Storage Temperature:	-20°C to +70°C
Operating Range Ta:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



1 & 2 - Sensor Range and Sensitivity (3-10m diameter)

3 & 4 - Hold time (10sec - 60min)

5 & 6 - Light Level Activation threshold (10 - 50 lux)

7 & 8 - Minimum Dim Level (50% to off)

9 & 10 - Dim to Off time (1min - 60min)

For further details refer to SmartSense Zone Control Manual

## SmartSense Specifications

Operating Voltage:	240Vac
Rated Load:	1200VA @ 240Vac
HF System:	5.8GHz
Power Consumption:	<1W (Operation)
Dim Control Output:	0-10V, max, 25mA sinking current
Detection radius/angle:	8m/360°
Mounting Height:	2.3m to 6m
Remote Range:	10m indoor
Humidity:	Max. 95% RH
Transmission Power:	<0.2mW

## Emergency Specifications

Maximum Emergency Power:	2W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 1.5Ah
Input Voltage:	220-240VAC
Input Current:	35-60mA
Output Voltage:	10...42VDC,
Output Current:	500mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...50°C
Emergency Classification:	C0, C180: D63 (21.1m) C90, C270: D40 (18m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.



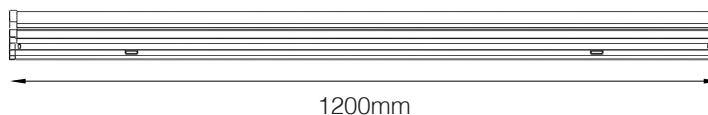
# Linear-Q™ Generation 2

LL4LQ2ME SmartSense Emergency Series LED Battens



## Linear-Q SmartSense Emergency Features at a Glance

- Range: 4440, 31W
- Up to 141Lm/W
- Integrated Lumex SmartSense technology
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming

Linear-Q SmartSense Battens have an integrated Lumex SmartSense Zone Control technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Ripple Frequency Interference

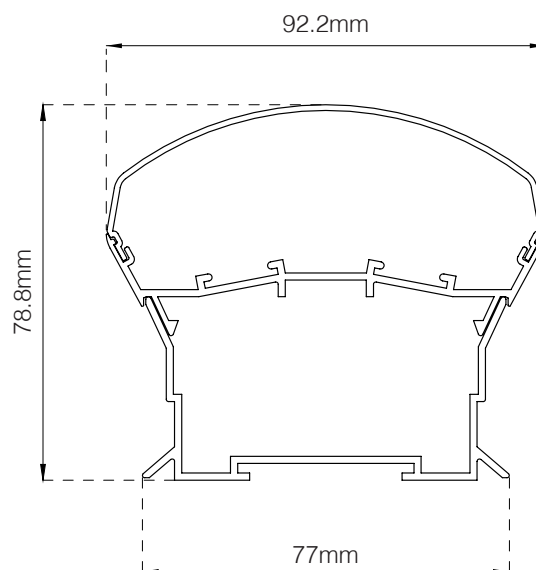
Linear-Q SmartSense products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q SmartSense products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q SmartSense products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q SmartSense Emergency

**Example:** Linear-Q SmartSense Emergency, 1200mm, Output Level 2, 120° Beam Angle, 4000K, White Fixture **LL4LQ2ME122NW**

Product Group		Group Designation		Additional Features		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q SmartSense	LQ2M	Emergency	E	1-10V Dimmable		1200mm	12	Twin	2	6500K	C6	White	W
						DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2ME SmartSense Emergency Series LED Battens



## Physical

Length:	1200mm
Width:	92.2mm
Height:	78.8mm
Weight:	2.0kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
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## Output

Luminous Flux 4000K:	4440Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	31W
Power Factor:	0.90

## Thermal

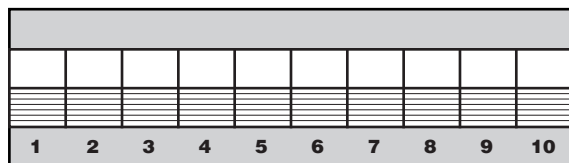
Storage Temperature:	-20°C to +70°C
Operating Range Ta:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



1 & 2 - Sensor Range and Sensitivity (3-10m diameter)

3 & 4 - Hold time (10sec - 60min)

5 & 6 - Light Level Activation threshold (10 - 50 lux)

7 & 8 - Minimum Dim Level (50% to off)

9 & 10 - Dim to Off time (1min - 60min)

For further details refer to SmartSense Zone Control Manual

## SmartSense Specifications

Operating Voltage:	240Vac
Rated Load:	1200VA @ 240Vac
HF System:	5.8GHz
Power Consumption:	<1W (Operation)
Dim Control Output:	0-10V, max, 25mA sinking current
Detection radius/angle:	8m/360°
Mounting Height:	2.3m to 6m
Remote Range:	10m indoor
Humidity:	Max. 95% RH
Transmission Power:	<0.2mW

## Emergency Specifications

Maximum Emergency Power:	4W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 3.0Ah
Input Voltage:	220-240VAC
Input Current:	35-60mA
Output Voltage:	10...42VDC,
Output Current:	100mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...+50°C
Emergency Classification:	C0, C180: D63 (21.1m) C90, C270: D40 (18m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.



# Linear-Q™ Generation 2

LL4LQ2ME SmartSense Emergency Series LED Battens



## Linear-Q SmartSense Emergency Features at a Glance

- Range: 3000Lm, 21W
- Up to 141Lm/W
- Integrated Lumex SmartSense technology
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming

Linear-Q SmartSense Battens have an integrated Lumex SmartSense technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Ripple Frequency Interference

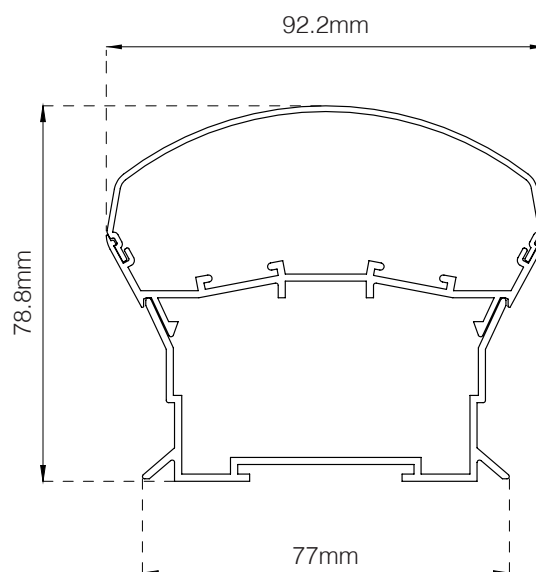
Linear-Q SmartSense products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q SmartSense products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q SmartSense products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q SmartSense Emergency

**Example:** Linear-Q SmartSense Emergency, 1440mm, Output Level 1, 120° Beam Angle, 4000K, White Fixture **LL4LQ2ME151NW**

Product Group		Group Designation		Additional Features		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q SmartSense	LQ2M	Emergency	E	1-10V Dimmable		1480mm	15	Single	1	6500K	C6	White	W
						DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2ME SmartSense Emergency Series LED Battens



## Physical

Length:	1440mm
Width:	92.2mm
Height:	78.8mm
Weight:	2.0kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
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## Output

Luminous Flux 4000K:	3000Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	21W
Power Factor:	0.90

## Thermal

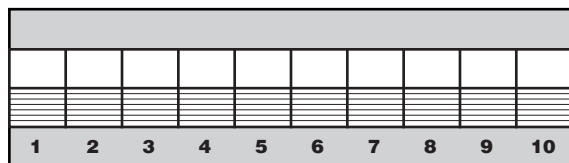
Storage Temperature:	-20°C to +70°C
Operating Range Ta:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



1 & 2 - Sensor Range and Sensitivity (3-10m diameter)

3 & 4 - Hold time (10sec - 60min)

5 & 6 - Light Level Activation threshold (10 - 50 lux)

7 & 8 - Minimum Dim Level (50% to off)

9 & 10 - Dim to Off time (1min - 60min)

For further details refer to SmartSense Zone Control Manual

## SmartSense Specifications

Operating Voltage:	240Vac
Rated Load:	1200VA @ 240Vac
HF System:	5.8GHz
Power Consumption:	<1W (Operation)
Dim Control Output:	0-10V, max, 25mA sinking current
Detection radius/angle:	8m/360°
Mounting Height:	2.3m to 6m
Remote Range:	10m indoor
Humidity:	Max. 95% RH
Transmission Power:	<0.2mW

## Emergency Specifications

Maximum Emergency Power:	4W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 3.0Ah
Input Voltage:	220-240VAC
Input Current:	35-60mA
Output Voltage:	10...42VDC,
Output Current:	100mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...50°C
Emergency Classification:	C0, C180: D63 (21.1m) C90, C270: D40 (18m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.





# Linear-Q™ Generation 2

LL4LQ2ME SmartSense Emergency Series LED Battens



## Linear-Q SmartSense Emergency Features at a Glance

- Range: 6000Lm, 41W
- Up to 141Lm/W
- Integrated Lumex SmartSense technology
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K and 4000K
- Frosted diffuser, Beam angle 120°
- Colour rendering CRI > 80
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- 1-10V dimming capability as standard
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty



## Dimming

Linear-Q SmartSense Battens have an integrated Lumex SmartSense technology. Fixtures operate autonomously to monitor occupancy in their immediate area using highly effective microwave technology.

## Ripple Frequency Interference

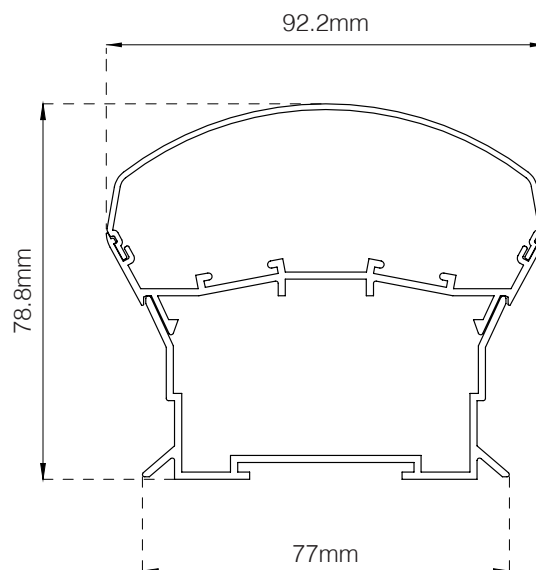
Linear-Q SmartSense products are immune to ripple frequency interference.

## Unrivalled Efficiency

Linear-Q SmartSense products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 141Lm/W.

## Environment and Safety

Linear-Q SmartSense products are fully recyclable with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



## Catalogue Number Guide: Linear-Q SmartSense Emergency

**Example:** Linear-Q SmartSense Emergency, 1440mm, Output Level 2, 120° Beam Angle, 4000K, White Fixture **LL4LQ2ME152NW**

Product Group		Group Designation		Additional Features		Dimmable		Size		Level		Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q SmartSense	LQ2M	Emergency	E	1-10V Dimmable		1480mm	15	Twin	2	6500K	C6	White	W
						DALI	DD					4000K	N		



# Linear-Q™ Generation 2

LL4LQ2ME SmartSense Emergency Series LED Battens



## Physical

Length:	1440mm
Width:	92.2mm
Height:	78.8mm
Weight:	2.0kg

## Control and Programming

Dimming:	1-10V
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## Construction

Colour:	White
Body:	Aluminium
Impact Rating:	IK05
Protection Rating:	IP40

## Connection

Power Connection:	Direct connection
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## Output

Luminous Flux 4000K:	6000Lm
Efficacy:	up to 141Lm/W
Beam Angle:	120°
CRI:	>80

## Electrical

Input Voltage:	220-240 Vac
Typical Total Power:	41W
Power Factor:	0.90

## Thermal

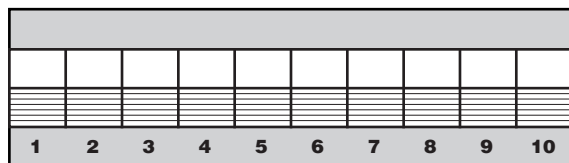
Storage Temperature:	-20°C to +70°C
Operating Range Ta:	-10°C to +45°C
Humidity (non-condensing):	20-95%

## Certificates

EMC:	AS/NZS CISPR15 (C-Tick)
Electrical Safety:	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

## Light Management Settings

Zone Control configuration is via a series of DIP switched or via remote control



1 & 2 - Sensor Range and Sensitivity (3-10m diameter)

3 & 4 - Hold time (10sec - 60min)

5 & 6 - Light Level Activation threshold (10 - 50 lux)

7 & 8 - Minimum Dim Level (50% to off)

9 & 10 - Dim to Off time (1min - 60min)

For further details refer to SmartSense Zone Control Manual

## SmartSense Specifications

Operating Voltage:	240Vac
Rated Load:	1200VA @ 240Vac
HF System:	5.8GHz
Power Consumption:	<1W (Operation)
Dim Control Output:	0-10V, max, 25mA sinking current
Detection radius/angle:	8m/360°
Mounting Height:	2.3m to 6m
Remote Range:	10m indoor
Humidity:	Max. 95% RH
Transmission Power:	<0.2mW

## Emergency Specifications

Maximum Emergency Power:	4W
Emergency Duration:	3 Hours
Battery:	LiFePo4 6.4V 3.0Ah
Input Voltage:	220-240VAC
Input Current:	35-60mA
Output Voltage:	10...42VDC,
Output Current:	100mA
Charge Time:	24 Hours *
Operating Temperature Range:	-20...+50°C
Emergency Classification:	C0, C180: D63 (21.1m) C90, C270: D40 (18m)

\*16 hours battery charging provides 2 hours emergency lighting.

Specifications subject to change without notice.

