



LUMEX®



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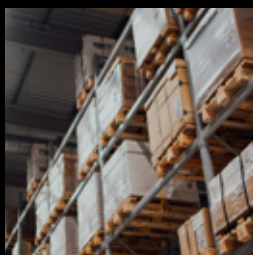
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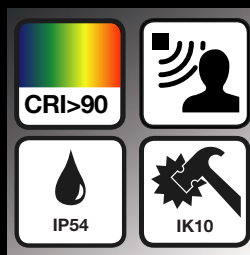
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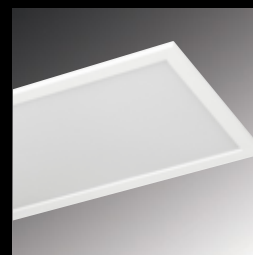
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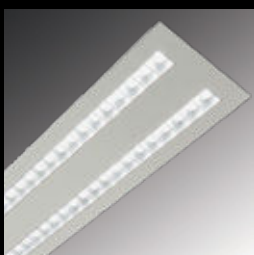
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LUMEX

Now in its 10th year, Lumex continues to evolve and adapt to changing market demands. Over the last decade the Lumex range has been refined and improved; the original downlights launched in 2012 were (at the time) a class leading efficiency of 53lm/w. Now in 2022 we've products 3 times more efficient – with some commercial luminaires which are 175lm/w.

Technology you can trust - Lumex joined Verbatim Australia Pty Ltd in August 2020. Verbatim is an iconic and trusted brand in Australia, having been active in the market continuously for over 50 years.

The Lumex product range comes with a 7-year or 5-year warranty (see product specific T's & C's). We take product quality seriously and our demanding quality control process guarantees first-class products.

All of our products are tested to Australian and New Zealand standards by our lab and by an independent third party. Our in-house lab, undertakes a rigorous testing and validation process, spot checks shipments to confirm uniformity between batches and we test for heat dissipation, CRI, lux, CCT and flicker.

All of this is in addition to the overseas audits and testing to ensure product quality and all products sold by Lumex since August 2020 are backed by product warranty with Verbatim to ensure customer piece of mind.

Innovation

Now in its 4th Generation the LUMEX SKYBAY is packed with features. It's brighter, lighter and smarter than ever. Additional energy savings are easy with Daylight and Occupancy sensors which plug in with no additional wiring and can be either standalone or Bluetooth Mesh Ready for group control. For the first time in the Skybays 10 year history, we have as standard; integrated thermal feedback and protection, – dimming the highbays and protecting the luminaire if exposed to abnormally high temperatures, backed up with our 7 year warranty.

Now, Lumex for the first time offers the Linear-Q Tough; a range of Vandal Proof IK10 battens suitable for the most extreme of locations. These fittings feature a solid aluminium chassis with incredibly strong polycarbonate diffusers. To make life easier the emergency version is self- testing and motion/daylight sensing versions work with same remote as the standard Linear Q Gen 3 Weatherproof – so no need to open the fitting to change settings or check battery statuses.



Stock and Delivery

We have stock! Standard items such as Panels, Battens and Highbays are nearly always available off the shelf. We pride ourselves on holding inventory of the most common products. Our state of the art warehouse in Melbourne 2000m² can meet your delivery requirement and ships everyday both locally and internationally.

Forward orders ensure products available when required and also offer the best opportunity to maximise delivery schedules and secure the items you need. Our Melbourne warehouse has capacity to hold orders prior to delivery.

Our customer service team will work closely with you to advise on lead times if not in stock and how we can best support you.

Lighting Designs

Lumex offers a broad range of energy efficient lighting. To assist customers with best product selection to suit your project requirements we have our own lighting designer. For more information and to get a lighting design please email project details through to lighting@verbatim.com.au and we'll get in touch. Lighting designs are produced using sophisticated software, to allow us to provide accurate information – CAD plans and elevations of the space create the best results.





ICON INDEX



CRI (Colour Rendering Index) is the lights ability to reproduce colours. Separate to colour temperature which is how warm or cool the light appears. CRI is about the accurate representation of the colours being illuminated. The closer the CRI number is to 100, the more accurate the colours appear. A CRI of 80+ is great for warehouses and general illumination, 90+ is perfect for offices, education, medical facilities etc.



COI (Cyanosis Observation Index). This product has a COI of 3.3 or less and is perfect for healthcare applications. The quality of light will allow for the visual detection of Cyanosis in a patient. This are tested to AS1680.2.5



Flicker Free - This LED Operates at a frequency and percentage that is invisible to the human eye



Beam Angle - the distribution of light that is emitted from a luminaire, measured in degrees.



IP Rating - Ingress Protection. How protected the luminaire is from solids and liquid. The first digit refers to solid object – with the second being moisture

IP3X – Protected from Solid objects of 2.5mm diameter or larger

IP4X – Protected from Solid objects of 1.0mm diameter or larger

IP5X – Limited ingress of dust (no harmful deposits)

IP6X – Completely protected against the ingress of dust

IPX0 – No protection against water damage

IPX2 – Protected against vertically falling drops of water only

IPX4 – Protected against water splashed from all directions

IPX5 – Protected against jets of water

IPX6 – Protected against strong jets of water

IPX7 – Protected against the effects of temporary immersion between 15cm & 1m



IK Ratings – Impact protection. The higher the number the more resistant the to impact and damage. For maximum protection use the Linear Q-Tough.

IK Code	IK01-IK05	IK06	IK07	IK08	IK09	IK10
Impact Energy (Joules)	<1	1	2	5	10	20
Mass (kg)	0.2	0.5	0.5	1.7	5	5
Impact Distance (mm)	<5	20	40	20	20	40



HACCP – PERFECT FOR FOOD PREPARATION AREAS. HACCP are Australia's leading food science organisation with a focus on eliminate the hazard – reduce the risk. These products are pretested and approved for use in food prep areas.



ICON INDEX



1-10V Dimming. Will work with any 1-10v lighting control system.



Dali. Will work with any DALI lighting control system



Phase dimmable - This product will work with a regular phase dimmable dimmer switch – please check compatibility.



Casambi - Wireless control of lighting via Bluetooth enabled luminaires controlled via the Casambi App on your smartphone.



Vaboss - Autonomous mesh network lighting control, focusing on presence detection and managing light levels.



Motion Sensing - This fitting has a motion detector to maximise energy savings, only activating the light when someone is present. Our standard motion sensing fittings allow dimming to a low level if there is no one nearby.



Daylight - Controlling the light if there is sufficient natural light, normally coupled with motion sensing to provide maximum efficiency.



Emergency - This fitting comes with integral Emergency battery back up built in and ready to go.



VEU (Victorian Energy Upgrades) approved product.



IPART (Independent Pricing and Regulatory Tribunal –NSW) approved product.



RCM - Lumex products carry the Regulatory Compliance Mark. This indicates the product meets both electrical safety standards and is ACMA compliant.



Vandal proof products are resistant to vandalism. These products are designed for applications that are subjected to harsh use and attempts to damage them.

SPECIFICATIONS

PRODUCT OVERVIEW

NovaBlade 3.0 Features at a Glance

- Range: 18W up to 60W
- Up to 110lm/W
- UGR<19 using a micro prismatic diffuser (4000K)
- Colour Temperatures: 4000K
- Projected Lifetime L80B10: 74,000 hours
- HiColour CRI > 90
- Beam angle 120°
- 1-10V dimming capability as standard, DALI or Casambi available
- COI Compliant <3.3 at 4000K
- Powder coat white frame
- IP40 Protection rating
- Thin and light weight
- Flicker Free
- 1.2m Flex and Plug fitted
- IPART and VEU 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 advanced wireless control systems, contact your Verbatim representative for further information and design assistance.

Ripple Frequency Interference

NovaBlade 3.0 products are immune to ripple frequency interference.

Unrivalled Efficiency

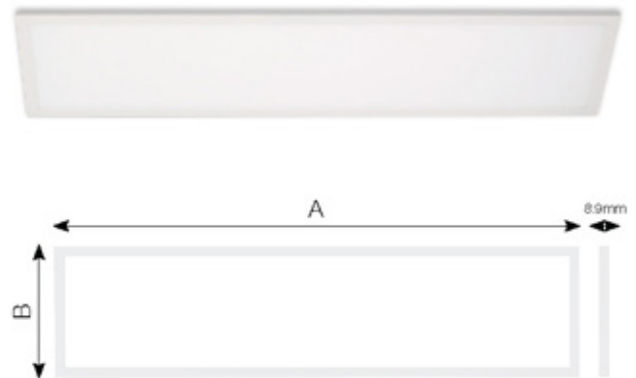
NovaBlade 3.0 products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 110lm/W.

Environment and Safety

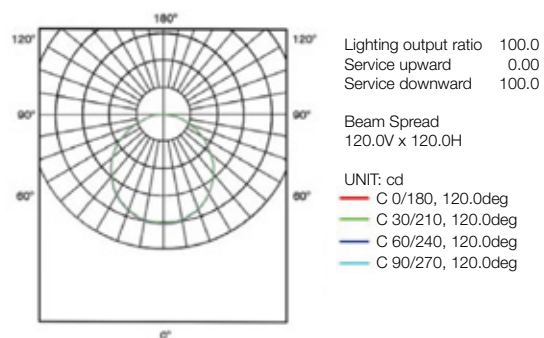
NovaBlade 3.0 has been made environmentally friendly with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

Accessories

Plaster recess, semi-recess and surface mount kits are available upon request. Other accessories available include wire suspension kits and seismic restraint fixings.



Part Number	A	B
LL9P363	595mm	295mm
LL9P366	595mm	595mm
LL9P3123	1195mm	295mm
LL9P3126	1195mm	595mm



*Seven year warranty is based on maximum usage of 35,000hrs. See warranty document for more details.
 *Not all models are VEU/IPART approved. Please confirm with sales team for approved models.
 Specifications subject to change without notice.



SPECIFICATIONS

PRODUCT OVERVIEW

Key Family Details

Installation	Suitable for metric T-Bar ceiling grids. Surface, Recessed and Semi Recessed kits are optional
Dimming	1-10v, DALI or Casambi
Colour	White
Body	Aluminium
Protection rating	IP40
Power connection	Flex and plug
Operating Range Ta	-20°C to +50°C
Storage Temperature	-30°C to +65°C
Humidity (non-condensing)	0-95%
Input Voltage	220 - 240Vac
Power Factor	0.90
Efficacy	up to 110lm/W
CRI	>90
Beam Angle	120°
EMC	AS/NZS CISPR15 (C-Tick)
Electrical Safety	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)
COI	<3.3 to AS/NZS 60598.2.25:2001

Technical Parameters

Model Numbers	LL9P363U	LL9P3123EU	LL9P3123U	LL9P3123XU	LL9P366EU	LL9P366U	LL9P366XU	LL9P3126U
Power	18W	23W	30W	40W	23W	30W	40W	60W
Lumens 4000K	1980lm	2400lm	3300lm	4400lm	2300lm	3300lm	4400lm	6600lm
Dimensions (mm)	595x295	1195x295	1195x295	1195x295	595x595	595x595	595x595	1195x595

Product Group		Group Designation		Dimming		Panel Size		Power		Colour Temperature	
LED Panel	LL9	NovaBlade Generation 3	P3	1-10V		595x295mm	63	Standard Power	U	Natural White (4000K)	N
				DALI	DD	595x595mm	66	Low Output	EU		
				CASAMBI	CS	1195x295mm	123	High Output	XU		

SPECIFICATIONS

PRODUCT OVERVIEW

Features at a Glance

- Available in 600mm and 1200mm Versions in 23W, 30W and 40W
- Up to 130lm/W
- 4000K
- LM80 projected LED life > 50,000 hours
- CRI > 90
- Aluminum Reflector with Lens , Beam angle 80°
- Air Return troffers option also available
- UGR<19
- 1-10v and Dali options from stock with Casambi on request.
- Flicker Free
- Seven Year Warranty*

Applications

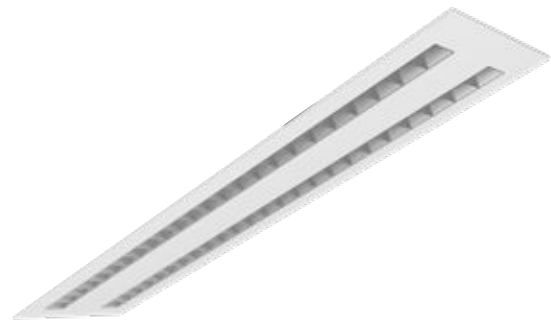
Our Louvered troffer offers up to 130lm/W and is suitable for use in almost all indoor areas. It can easily replace single and double fluorescent tubes fittings and comes with flicker free driver to provide a comfortable lighting environment with UGR ratings of <19.

Environment and Safety

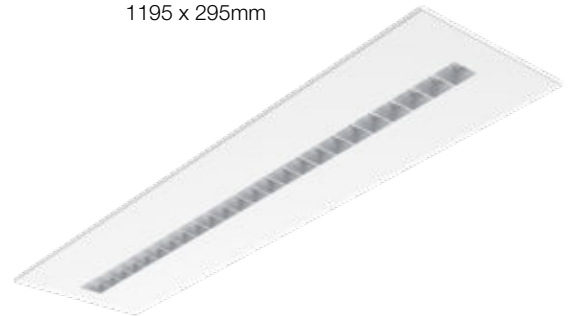
Our Louvered troffers has been made environment friendly with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



595 x 595mm

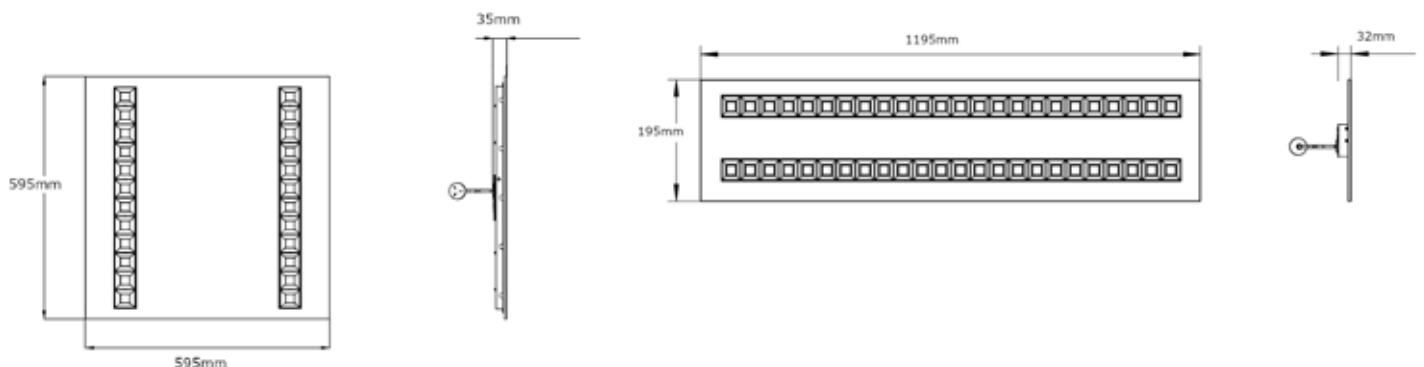


1195 x 295mm



1195 x 195mm

Dimensional Drawings



*Seven year warranty is based on maximum usage of 35,000hrs. See warranty document for more details.

Specifications subject to change without notice.



SPECIFICATIONS

PRODUCT OVERVIEW

Key Family Details

Dimming	1-10v as standard; DALI or Casambi is optional
Colour	White
Body	SPCC, PC
Weight (kg)	2.5
Protection rating	IP40
Power connection	Direct Connection
Operating Range Ta	-20°C to +40°C
Storage Temperature	-40°C to +60°C
Humidity (non-condensing)	10-100%
Input Voltage	220 - 240Vac
Power Factor	0.90
Efficacy	130lm/W (1195x295), 120lm/W (595x595 and 1195x195)
CRI	>90
Beam Angle	80°
EMC	AS/NZS CISPR15 (C-Tick)
Electrical Safety	AS/NZS 60598.2.2

Technical Parameters

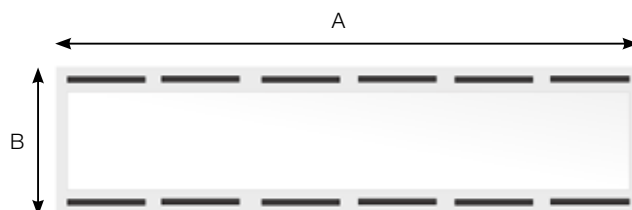
Model Numbers	LL9TR2D166EU	LL9TR2D166U	LL9TR2D166XU	LL9TR2D1122EU	LL9TR2D1122U	LL9TR2D1122XU	LL9TR2D1123EU	LL9TR2D1123U	LL9TR2D1123XU
Power	23W	30W	40W	23W	30W	40W	23W	30W	40W
Lumens 4000K	2760lm	3600lm	4800lm	2760lm	3600lm	4800lm	2900lm	3900lm	5000lm
Dimensions (mm)	595x595x32	595x595x32	595x595x32	1195x195x32	1195x195x32	1195x195x32	1195x295x32	1195x295x32	1195x295x32

SPECIFICATIONS

PRODUCT OVERVIEW

NovaBlade Return Air Fixtures Features at a Glance

- Available in 18W up to 40W
- Up to 110lm/W
- Colour Temperatures: 4000K
- Projected Lifetime L80B10: 74,000 hours
- Colour rendering CRI > 90
- Beam angle 120°
- 1-10V dimming capability as standard
- COI complaint
- IP40 Protection rating
- Thin and light weight
- Flicker Free
- IPART and VEU Approved*
- Air handling slots can be designed to suit air-boots upon request
- Black baffles are included to minimise light spill and prohibit any view into the ceiling cavity
- 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 advanced wireless control systems. Contact Verbatim 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.

Environment and Safety

NovaBlade 3.0 has been made environmentally friendly with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

Part Number	A	B
LL9P3RA366	595mm	595mm
LL9P3RA123EU	1195mm	295mm
LL9P3RA123U	1195mm	295mm
LL9P3RA124EU	1195mm	395mm
LL9P3RA124U	1195mm	395mm
LL9P3RA124XU	1195mm	395mm

*Seven year warranty is based on maximum usage of 35,000hrs. See warranty document for more details.

*Not all models are VEU/IPART approved. Please confirm with sales team for approved models.

Specifications subject to change without notice.



SPECIFICATIONS

PRODUCT OVERVIEW

Key Family Details

Dimming	1-10V standard, DALI or Casambi options available
Colour	White
Body	Aluminium
Protection rating	IP40
UGR	<19
Power connection	Flex and plug or direct connection
Operating Range Ta	-20°C to +40°C
Storage Temperature	-30°C to +65°C
Humidity (non-condensing)	0-95%
Input Voltage	220 - 240Vac
Power Factor	>0.90
CRI	>90
Beam Angle	120°
EMC	AS/NZS CISPR15 (C-Tick)
Electrical Safety	AS/NZS 60598.2.2, AS/NZS 4417 (RCM)
COI	AS/NZS 60598.2.25:2001 (LL9P124URA)

Technical Parameters

Model Numbers	LL9P3RA366U	LL9P3RA123EU	LL9P3RA123U	LL9P3RA124EU	LL9P3RA124U	LL9P3RA124XU
Power	18W	23W	30W	23W	30W	40W
Lumens	1980lm	2415lm	3150lm	2400lm	3300lm	4400lm
Dimensions (mm)	595 x 595mm	1195 x 295mm		1195 x 395mm		
Area of illumination	557mm x 180mm	1157mm x 180mm		1157mm x 180mm		

Product Group		Product Designation		Dimming		Panel Size		Output		Colour Temperature	
LED Panel	LL9	NovaBlade Return Air Generation 3	P3RA	1-10V		595x595	66	Standard Power	U	Natural White (4000K)	N
				DALI	DD	1195x295	123	Low Output	EU		
				CASAMBI	CS	1195x395	124	High Output	XU		

SPECIFICATIONS

PRODUCT OVERVIEW

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

- 26W or 40W
- Up to 105lm/W
- Colour Temperature: 4000K or 6000K
- UGR<19
- Cyanosis Observation Index <3.3 at 4000K
- HiColour CRI > 90, > 95
- LM80 projected LED life > 100,000 hours
- Beam angle 120°
- MacAdam 3 SDCM
- Powder coat white frame
- IP65 Protection rating
- Class 1 Luminaire
- Flicker Free
- Casambi available on request
- 1.2m Flex and Plug fitted
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

Dimming and Control

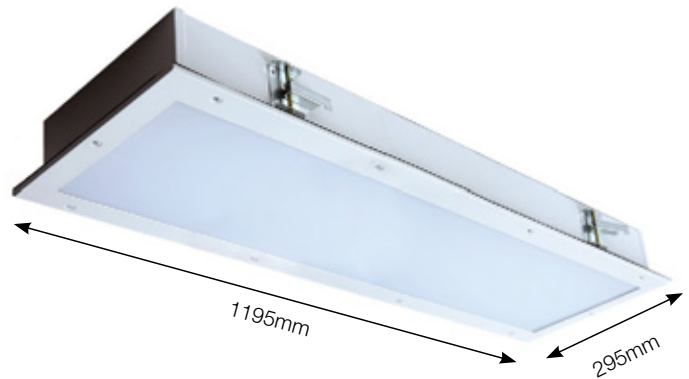
NovaBlade Cleanroom products are non dimmable. 1-10V or DALI dimmable options available.

Unrivalled Efficiency

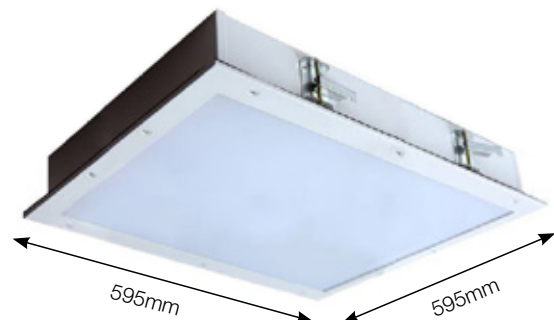
NovaBlade Cleanroom products utilise the latest developments in LED and offers among the highest energy to light conversions currently available - up to 105lm/W.

Environment and Safety

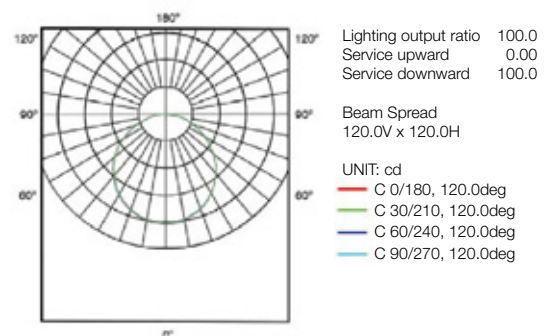
NovaBlade Cleanroom products are made environmentally friendly with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



cut out size is 1180mm x 280mm



cut out size is 580mm x 580mm



*Terms and conditions apply. Refer to warranty document for more details



SPECIFICATIONS

PRODUCT OVERVIEW

Key Family Details

Dimming	Non-Dimming, 1-10v, or DALI
Colour	White
Body	Aluminium
Protection rating	IP65 (IP54 Optional)
Power connection	Flex and plug
Operating Range Ta	-20°C to +50°C
Storage Temperature	-30°C to +65°C
Humidity (non-condensing)	0-95%
Input Voltage	240Vac
Power Factor	>0.95
COI	>3.3
CRI	>90
Beam Angle	120°
Efficacy	up to 105lm/W
EMC	AS/NZS CISPR15 (C-Tick)
Electrical Safety	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Technical Parameters

Model Numbers	LL9P3S66	LL9P3S66X	LL9P3S123	LL9P3S123X
Power	26W	40W	26W	40W
Lumens	2,800lm	4,200lm	2,800lm	4,200lm
Dimensions	595 x 595mm	595 x 595mm	1195 x 295mm	1195 x 295mm

Product Group		Group Designation		Dimming		Panel Size		Output		Colour Temperature		Protection Rating	
LED Panel	LL9	NovaBlade Cleanroom	P3S	Non-dimming		595x595mm	66	Standard	U	4000K	N	IP65	65
				1-10V	D1	1195x295mm	123	High Output	X				
				DALI	DD								

SPECIFICATIONS

PRODUCT OVERVIEW



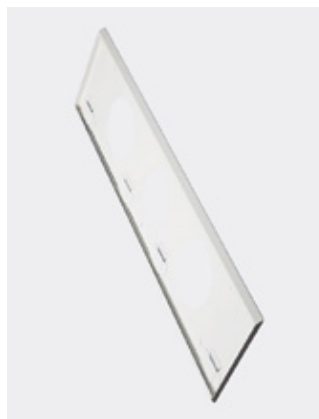
NovaBlade Flush Mount Frame

The flush mount frame brings the T-bar fit into plasterboard ceilings. It's the neatest way to have great light on hand without a luminaire in sight. It fits flush with the ceiling and requires as little as 150mm clearance in the ceiling. Once installed, the NovaBlade just drops in as with a T-Bar ceiling grid.



NovaBlade Surface Mount Frame

The surface mount frame is suitable for installation on hard surfaces or spaces with no recessing space. Only 50mm deep to house the panel and driver internally, the design of the frame provides easy installation and minimal aesthetic intrusion.



NovaBlade Semi Flush Mount Frame

The semi-flush mount is for those more awkward places where structural or other considerations make flush mounting impossible. Just mount the base, insert the NovaBlade and close the patented sliding gate. The finished result is a protrusion of only 15mm.



NovaBlade Pendant Mount Kits

Suspended mounting is sometimes a good option for task areas or high ceilings.

Standard hanger cable length is 1.2M. Longer lengths available to special order.

Part No	Size
LL9P63FK	595 x 295mm
LL9P66FK	595 x 595mm
LL9P123FK	1195 x 295mm
LL9P126FK	1195 x 595mm

Part No	Size
LL9P33SK	595 x 295mm
LL9P66SK	595 x 595mm
LL9P123SK	1195 x 295mm
LL9P126SK	1195 x 595mm

Part No	Size
LL9P63FK	595 x 295mm
LL9P66FK	595 x 595mm
LL9P123FK	1195 x 295mm
LL9P126FK	1195 x 595mm

Part No	Size
LL9PSUSP	1.2m Suspension

Note: The opening requires timber framing to meet building regulations.

SPECIFICATIONS

PRODUCT OVERVIEW

NovaLED Maxi Features at a Glance

- Available in 12W and 22W
- Up to 110lm/W
- LM80 projected LED life > 100,000 hours
- Colour Temperatures: 3000K and 4000K
- Clear diffuser, Beam angle 90°
- HiColour 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 or Casambi dimming optional.

Ripple Frequency Interference

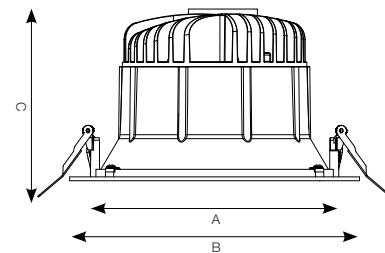
NovaLED Maxi products are immune to ripple frequency interference.

Unrivalled Efficiency

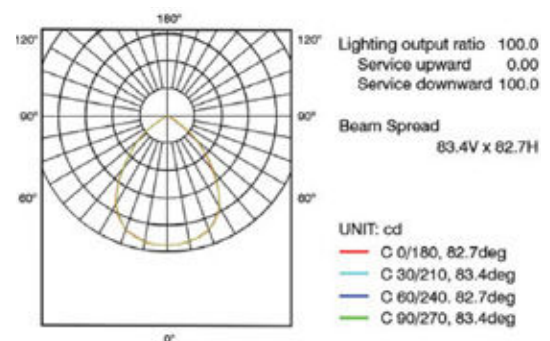
NovaLED Maxi products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 110Lm/W.

Environment and Safety

NovaLED Maxi has been made environment friendly with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



Part Number	A	B	C
M6	165mm	180mm	93mm
M8	245mm	280mm	122mm



* Seven year warranty is based on maximum usage of 35,000hrs. See warranty document for more details.



SPECIFICATIONS

PRODUCT OVERVIEW

Key Family Details

Dimming	1-10V
Colour	White
Body	Aluminium
Protection rating	IP44
Input Voltage	220 - 240Vac
Power Factor	0.95
Efficacy	up to 110lm/W
CRI	>90
Beam Angle	90°
Power connection	Direct connection or flex and plug
Operating Range Ta	-20°C to +45°C
Humidity (non-condensing)	0-95%
EMC	AS/NZS CISPR15 (C-Tick)
Electrical Safety	AS/NZS 60598.2.2, AS/NZS 4417 (RCM)

Technical Parameters

Model Numbers	LL1N3M6xxxxxxx	LL1N3M8xxxxxxx
Power	12W and 22W options available	12W and 22W as standard. Other wattages available on request
Lumens	12W - 1320lm 22W - 2420lm	12W - 1320lm 22W - 2420lm
Cutout	165mm	245mm

Product Group		Group Designation		Dimming		Diffuser		Colour Temperature		Fixture Colour		Wattage	
Downlights	LL1	MaxiM6	N3M6	1-10V	D1	Clear	C	Natural White (4000K)	N	White	W	12W	1
		Maxi M6 High Output	N3M6H	DALI	DD			Warm White (3000K)	W3			22W	2
		Maxi M8	N3M8	Casambi	CS								
		Maxi M8 High Output	N3M8H										

SPECIFICATIONS

PRODUCT OVERVIEW

NovaLED Decor Plus Features at a Glance

- Available in 9W, 12W & 15W
- Up to 86lm/Watt
- Colour Temperatures: 2700K, 3000K, 4000K, 5000K
- LM80 Projected LED life > 100,000 hours
- IP40 projection rating
- HiColour CRI>90
- Beam Angles 60°
- White finish as standard, Satin Silver Optional
- Interchangeable fixture types
- Dimmable with LoadSmart
- Immune to Ripple Frequency Interference
- Ceiling Safe
- 1.2 flex and plug fitted
- Direct connect facility
- Fully recyclable
- Seven Year Warranty*

Dimming and Control

NovaLED Decor Plus products are dimmable with trailing edge dimmers. 1-10V dimming, DALI dimming and Casambi options available on request

Ripple Frequency Interference

NovaLED Decor Plus products are immune to ripple frequency interference.

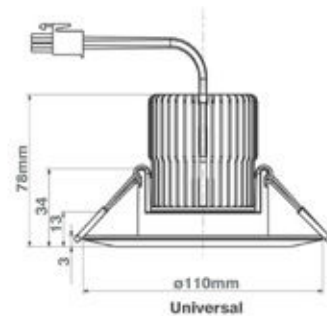
Environment and Safety

NovaLED Decor Plus has been made environmentally friendly with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



Low-glare trim shown,
universal trim is supplied
as standard

Various Fixture Types



* Seven year warranty is based on maximum usage of 35,000hrs. See warranty document for more details.

*Not all models are VEU/IPART approved. Please confirm with sales team for approved models.



SPECIFICATIONS

PRODUCT OVERVIEW

Key Family Details

Dimming	Trailing Edge Dimming - 1-10V, DALI and Casambi options available on request
Colour	White
Body	Aluminium
Cut-out	90mm
Protection rating	IP40
Input Voltage	220 - 240Vac
Power Factor	0.95
Efficacy	up to 86lm/W
CRI	>90
Beam Angle	60°
Impact rating	IK10
Power connection	Direct connection or flex and plug
Operating Range Ta	-20°C to +65°C
Humidity (non-condensing)	0-95%
EMC	AS/NZS CISPR15 2011
Electrical Safety	AS/NZS 60598.2.2 2016, AS/NZS 60598.1 2013

Technical Parameters

Model Numbers	LL1N3xxx	LL1N3Hxxx	LL1N3HPxxx
Power	9W	12W	15W
Lumens	750lm	1000lm	1300lm

Product Group		Group Designation		Dimming		Colour Temperature		Fixture Type	
Downlights	LL1	NovaLED Decor Plus	N3	Phase	DU	Cool White (5000K)	C	Original	
		NovaLED Decor Plus High Output	N3H	DALI	DDU	Natural White (4000K)	N	Compact	-FC
		NovaLED Decor Plus High Output	N3HP			Warm White (3000K)	W3	Low Glare	-FG
						Warm White (2700K)	W	Square	-FS

SPECIFICATIONS

PRODUCT OVERVIEW

Linear-Q Features at a Glance

- Range: 10W up to 40W
- 1470lm/W to 6000lm
- Colour Temperatures: 6500K or 4000K
- LM80 projected LED life > 50,000 hours
- Colour rendering CRI > 80
- Frosted diffuser, Beam angle 120°
- Fixture colour: White
- Quick-mount clip together assembly
- End to end mounting
- Corrosion resistant extruded aluminium body
- IP40 Protection rating
- Flicker free
- 1-10V dimming capability as standard
- Rear or end cable entry
- Seven Year Warranty*



Dimming and Control

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

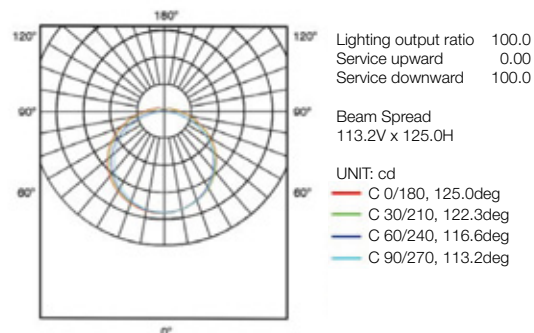
Better control your powered environment and minimise energy costs using the advanced wireless control system. Other control options are available such as Casambi, please contact Verbatim for more information.

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.

Recyclable Components

Linear-Q has been made environment friendly with no glass to break, no dangerous chemicals, and no risk from exposed voltages.



*Seven year warranty is based on maximum usage of 35,000hrs. See warranty document for more details.
Specifications subject to change without notice.



SPECIFICATIONS

PRODUCT OVERVIEW

Key Family Details

Dimming	1-10V, optional DALI/Casambi on special request
Colour	White
Body	Aluminium and plastic diffuser
Protection rating	IP40
Input Voltage	220 - 240Vac
Power Factor	0.90
Efficacy	up to 141lm/W
CRI	>80
Beam Angle	120°
Impact rating	IK05
Power connection	Direct connection
Operating Range Ta	-10°C to +45°C
Storage Temperature	-20°C to +70°C
Humidity (non-condensing)	20-95%
EMC	AS/NZS CISPR15 (C-Tick)
Electrical Safety	AS/NZS 60598.2.1, AS/NZS 4417 (RCM)

Technical Parameters

Model Numbers	LL4LQ261	LL4LQ262	LL4LQ2121	LL4LQ2122	LL4LQ2151	LL4LQ2152
Power	10W	15W	15W	30W	20W	40W
Dimensions (mm)	595x100x78	595x100x78	1195x100x78	1195x100x78	1495x100x78	1495x100x78
Lumens	1470lm	2200lm	2200lm	4440lm	3000lm	6000lm

Product Group		Group Designation		Additional Features		Dimming		Size		Level		Colour Temperature	
Fixtures	LL4	Linear Q	LQ2	Standard		1-10V		600mm	6	Single	1	6500K	C6
		Linear Q Smartsense	LQ2M	Emergency	E	DALI	DD	1200mm	12	Twin	2	4000K	N
								1500mm	15				

SPECIFICATIONS

PRODUCT OVERVIEW

Linear-Q™ Features at a Glance

- Range: 16W up to 35W
- Dual wattage - 1200mm version
- Up to 150lm/W
- Tri Colour (4000K, 5000K, 6000K)
- Colour rendering CRI>80
- LM80 projected LED lifetime L70 @85°C >60,000 hours
- Stainless Steel Clips
- IP65 and IK08 Rating
- Flicker Free
- 1-10V dimming capability as standard
- Casambi available on request
- Motion Sensing Versions available with optional Remote control
- Emergency options available
- HACCP Certified - suitable for use in food production and food handling facilities
- Combined Motion Sensing and Emergency versions available (1200mm version only)
- Seven year warranty*



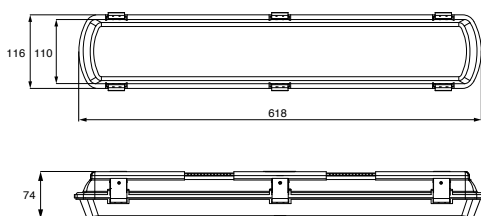
Applications

Our Linear Q Gen3 WeatherProof has been upgraded to 150lm/W and is suitable for use in almost all outdoor and indoor areas. It can easily replace single and double fluorescent tubes and comes with flicker free driver to provide a comfortable lighting environment.

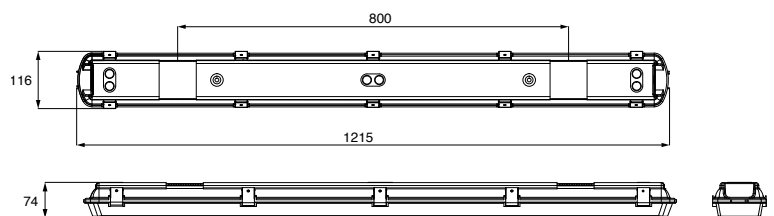
Environment and Safety

Linear Q Gen3 WeatherProof has been made environmentally friendly with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

Dimensional Drawings

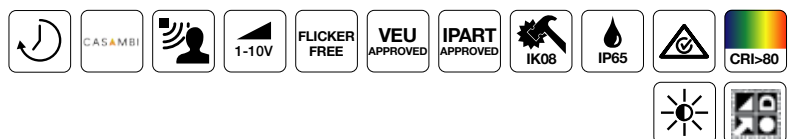


600mm version



1200mm version

*Seven year warranty is based on maximum usage of 35,000hrs, Motion Sensing version is 5 years warranty based on 25,000hrs and Emergency. See warranty document for more details. *Not all models are VEU/IPART approved. Please confirm with sales team for approved models. Specifications subject to change without notice.



SPECIFICATIONS

PRODUCT OVERVIEW

Key Family Details

Dimming	1-10V Dimmable
Colour	Grey and Opal
Body	Polycarbonate
Protection rating	IP65
Input Voltage	220 - 240Vac
Power Factor	0.90
Efficacy	150lm/W
CRI	>80
Beam Angle	120°
CCT	Tri-Colour (4000K/5000K/6000K)
Impact rating	IK08

Power connection	Direct Connection
Operating Range Ta	-20°C ~ 45°C (Standard Version) / 0°C ~ 40°C (Emergency Version)
Storage Temperature	-20°C ~ 80°C (Standard Version) / 0°C ~ 60°C (Emergency Version)
Humidity (non-condensing)	10-100%
Standard Accessories	Product comes with standard mounting clips which allow for chain suspension
Optional Accessories	Remote control for sensor versions
EMC	AS/NZS CISPR15 (C-Tick)
Electrical Safety	AS/NZS 60598.2.1, AS/NZS 60598.1 and AS 60598.2.22 (Emergency Version)

Technical Parameters

Model Numbers	LL4LQ3W61	LL4LQ3WM61	LL4LQ3W122	LL4LQ3WM122	LL4LQ3WE122	LL4LQ3WME122
Power	16W	17W	16W/30W	17W/31W	19W/35W	19W/35W
Lumens	2400lm	2400lm	2400Lm/4500lm	2400Lm/4500lm	2400Lm/4500lm	2400Lm/4500lm
Sensor	N/A	Microwave	N/A	Microwave	N/A	Microwave
Emergency	N/A	N/A	N/A	N/A	Yes	Yes
Dimensions (mm)	600x125x84	600x125x84	1200x125x84	1200x125x84	1200x125x84	1200x125x84
Weight (Kg)	1.25	1.3	2.5	2.5	2.5	2.5

Sensor Version Specifications

(LL4LQ3WM61, LL4LQ3WM122, LL4LQ3WME12)

Operating Voltage	240Vac
Rated Load	800W @ 240Vac
HF System	5.8Ghz +/- 75Mhz
Power Consumption	<1W - Stand by
Dim Control Output	0-10V
Detection Radius/Angle	30° ~ 150°
Mounting Height	Max. 6m
Detection Range	Max Dia 12m @ 3m Installation height
Remote Range	15m
Transmission Power	<0.2mW
Working Temperature	-20°C ~ 50°C

Emergency Version Specifications

(LL4LQ3WE122)

Operating Time	2 Hours
Recharge Time	16 Hours
Power	3W
Lumen Output	340lm
Battery Type	LifePO4 3.2V 3.3Ah
Spacing	C0-D50, C90-D32

SPECIFICATIONS

PRODUCT OVERVIEW

Linear Q-Tough™ Features at a Glance

- Available in 600mm and 1200mm Versions
- Dual Wattage option for 1200mm version
- Up to 140Lm/W
- Tri-Colour: 4000K/5000K/6000K
- L80/B10 > 50,000 hours
- IK10 Protection, IP66
- CRI>80
- Opal PC diffuser, Beam angle 120°
- Microwave motion sensor as an option
- 1-10V dimming capability as standard. Casambi available on request
- Theft proof screws between diffuser and housing
- Rear and side cable entry options
- Flicker Free
- Seven year warranty*

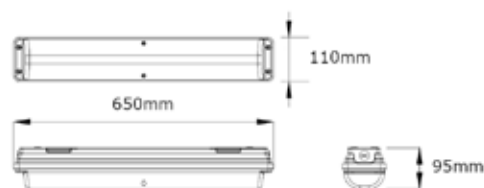
Applications

Our Linear Q-Tough IK10 batten provides efficacy of up to 135lm/W and is suitable for use in tough environments. Schools, amenities, public spaces, and high-risk manufacturing areas are some of the projects that would benefit from an IK10 Linear Q-Tough.

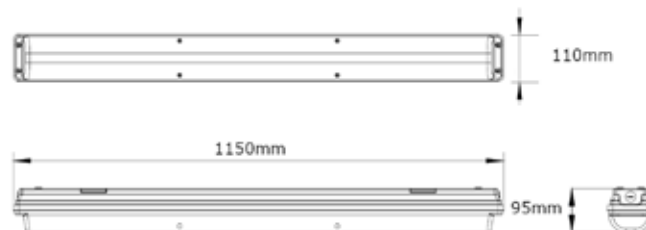
Environment and Safety

Our Linear Q-Tough has been made environmentally friendly with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

Dimensional Drawings



600mm version



1200mm version

*Seven year warranty is based on maximum usage of 35,000hrs. See warranty document for more details.

*Not all models are VEU/IPART approved. Please confirm with sales team for approved models.

Specifications subject to change without notice.



SPECIFICATIONS

PRODUCT OVERVIEW

Key Family Details

Dimming	1-10V Dimmable, Casambi and motion sensor optional
Colour	Grey
Body	Opal Diffuser - PC, Housing - Aluminium Die Cast
Protection rating	IP66
Input Voltage	220 - 240Vac
Power Factor	0.90
Efficacy	up to 140lm/W
CRI	>80
Beam Angle	120°
Impact rating	IK10
Operating Range Ta	-30°C to +45°C
Storage Temperature	-40°C to +60°C
Humidity (non-condensing)	10-100%
EMC	AS/NZS CISPR15 (C-Tick)
Electrical Safety	'AS/NZS 60598.2.1

Technical Parameters

Model Numbers	LL4LQT61	LL4LQTM61	LL4LQTE61	LL4LQT122	LL4LQTM122	LL4LQTE122	LL4LQTME122
Power	17W	18W	20W	18W/35W	19W/37W	20W/38W	22W/40W
Lumens @5000K	2300lm	2300lm	2300lm	2450lm/4900lm	2450lm/4900lm	2450lm/4900lm	2450lm/4900lm
Dimensions (mm)	650x110x95	650x110x95	650x110x95	1150x110x95	1150x110x95	1150x110x95	1150x110x95
Weight (Kg)	2.00	2.10	2.30	3.45	3.55	3.75	3.85
Motion Sensor	N/A	Yes	N/A	N/A	Yes	N/A	Yes
Emergency	N/A	N/A	Yes	N/A	N/A	N/A	Yes

Sensor Version Specifications

(LL4LQTM61, LL4LQTM122, LL4LQTME122)

Operating Voltage	240Vac
Rated Load	800W @ 240Vac
HF System	5.8Ghz +/- 75Mhz
Power Consumption	<1W - Stand by
Dim Control Output	0-10V
Detection Radius/Angle	30° ~ 150°
Mounting Height	Max. 6m
Detection Range	Max Dia 12m @ 3m Installation height
Remote Range	15m
Transmission Power	<0.2mW
Working Temperature	-20°C ~ 50°C

Emergency Version Specifications

(LL4LQTE61, LL4LQTE122, LL4LQTME122)

Operating Time	90 Minutes
Recharge Time	16 Hours
Power	2.3W
Lumen Output	350lm
Battery Type	LifePO4 3.2V 3.3Ah
Spacing	C0-D50, C90-D32

SPECIFICATIONS

PRODUCT OVERVIEW

Skybay Canopy Features at a Glance

- Available in 80W, 100W, 120W, 150W and 180W
- Up to 175lm/W
- Color Temperature 5000K
- LM80 projected LED life > 50,000 hours
- Colour rendering CRI>80
- Beam angle 120°
- High quality aluminium for better heat dissipation
- IP65 and IK08 rating
- Flicker Free
- 1-10V dimming capability as standard
- Casambi available on request
- Motion and daylight Sensor available with remote control (sold separately)
- Bluetooth Mesh ready with additional Vaboss sensor (sold separately)
- Built-in Temperature Feedback feature controls the temperature of highbay on hot days - increasing life time of highbay
- VEU and IPART Approved*
- Seven year warranty*

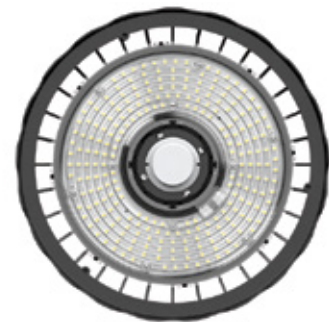
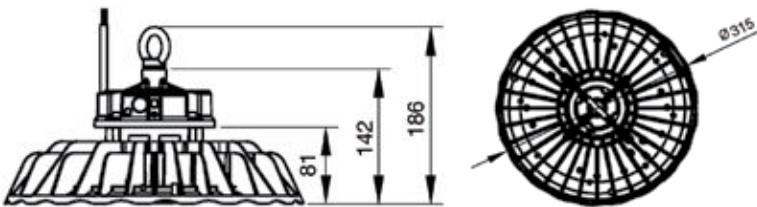
Applications

The original SkyBay revolutionised the lighting of warehouses, shopping malls, airport terminals and similar large spaces with huge energy saving and a better quality of light. SkyBay 4 comes with its boosted efficiency for even greater energy savings. Also, we have made it more reliable by adding temperature controlled intelligence to ensure your highbay runs efficiently at higher temperature of even up to 60°C ambient.

Environment and Safety

SkyBay 4 has been made environment friendly with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

Dimensional Drawings



ACCESSORIES



Aluminium Reflector
LL2LHB4AR



Prismatic Diffuser
LL2LHB4PD



Sensor Remote Control
LL2LHB4R



Motion & Daylight Sensor
LL2LHB4MW



High Bay Bracket
LL2LHB4B

*Seven year warranty is based on maximum usage of 35,000hrs. See warranty document for more details.

*Not all models are VEU/IPART approved. Please confirm with sales team for approved models.

Specifications subject to change without notice.



SPECIFICATIONS

PRODUCT OVERVIEW

Key Family Details

Dimming	1-10V Dimmable
Sensor	Optional
Dimensions	315x186mm
Weight (Kg)	3.8
Colour	Black
Body	Aluminium
Protection rating	IP65
Input Voltage	220 - 240Vac
Power Factor	0.90
Efficacy	up to 175lm/W
CRI	>80
Beam Angle	120°
Impact rating	IK08
Power connection	1.5m Cable and Plug
Operating Range Ta	-20°C~60°C
Storage Temperature	-20°C to +80°C
Humidity (non-condensing)	10-100%
EMC	AS/NZS CISPR15 (C-Tick)
Electrical Safety	AS/NZS 60598.2.1
Optional Accessories	Surface mounting bracket, Aluminium shade, Prismatic diffuser

Technical Parameters

Model Numbers	LL2LHB4D80	LL2LHB4D100	LL2LHB4D120	LL2LHB4D150	LL2LHB4D180
Power	80W	100W	120W	150W	180W
Lumens	14,000lm	17,500lm	21,000lm	26,250lm	31,500lm

Sensor Version Specifications

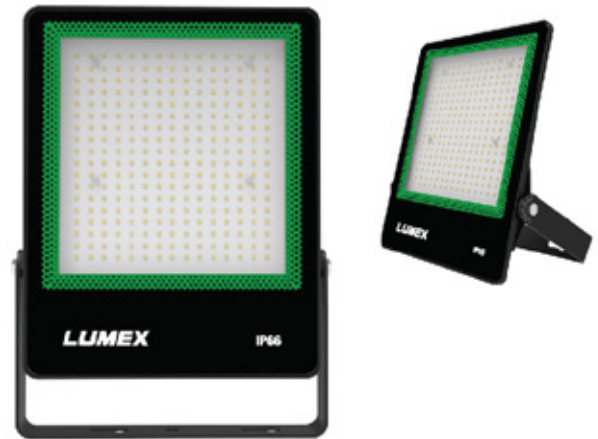
Operating Voltage	12-24Vdc
Rated Load	N/A
HF System	5.8Ghz +/- 75Mhz
Power Consumption	<1W - Stand by
Dim Control Output	0-10V
Detection Radius/Angle	1-8m
Mounting Height	Max. 15m
Remote Range	15m
Transmission Power	<0.2mW
Working Temperature	-20°C ~ 60°C

SPECIFICATIONS

PRODUCT OVERVIEW

Features at a Glance

- Available in 30W, 75W and 150W
- Up to 130lm/W
- Colour Temperatures: 5000K
- LM80 projected LED life > 100,000 hours
- CRI>75
- Beam angle 120°
- IP66 Protection rating
- IK08 Impact rating
- High impact safety glass
- Mounting adjustment 180°
- 1.5M of UV Resistant flex and plug or direct connection
- Not suitable for dimming
- Fully Australian Approved
- Five Year Warranty*

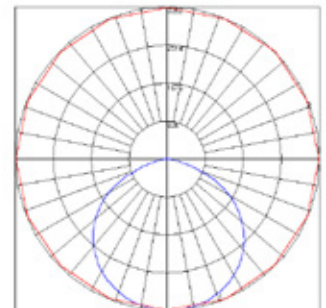


Dimming and Control

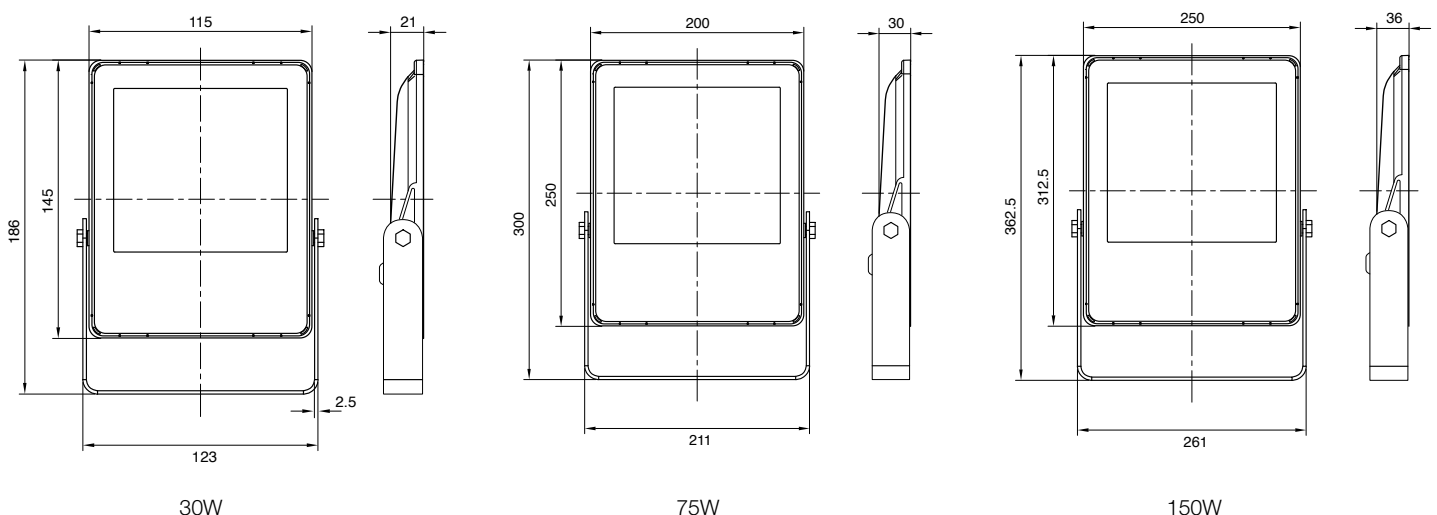
NovaRay Gen 3 products are not suitable for dimming.

Efficiency

NovaRay Gen 3 products utilise the latest developments in LED and offer among the highest energy to light conversions currently available - up to 130lm/W.



Dimensional Drawings



*Five year warranty is based on maximum usage of 25,000hrs. See warranty document for more details.
Specifications subject to change without notice.



SPECIFICATIONS

PRODUCT OVERVIEW

Key Family Details

Dimming	Not suitable for dimming
Colour	Black
Body	Aluminium
Impact rating	IK08
Protection rating	IP66
Input Voltage	240Vac
Power Factor	0.95
Efficacy	up to 130lm/W
CRI	>75
Beam Angle	120°
Lens	Impact Resistant Glass
Power connection	1.5M of UV Resistant flex and plug or direct connection
Cooling	Convection, Conduction
Operating Range Ta	-40°C to +50°C
Humidity (non-condensing)	15-95%
EMC	AS/NZS CISPR15
Electrical Safety	AS/NZS 60598. 1 & 2.1, AS/NZS 4417 (RCM)

Technical Parameters

Model Numbers	LL3N3F30C	LL3N3F75C	LL3N3F150C
Power	30W	75W	150W
Lumens	3,600lm	9,750lm	19,500lm

Product Group		Group Designation		Wattage		Colour Temperature	
Floodlight	LL3	NovaRay Gen 3 Floodlight	N3F	30W	30	Cool White (5000K)	C
				60W	60		
				150W	150		

ASPEN

LL7A Series Shoebox LED



SPECIFICATIONS

PRODUCT OVERVIEW

Features at a Glance

- Available in 30w to 300W
- Up to 135lm/W
- Colour Temperature: 3000K, 4000K or 5000K
- LM80 projected LED life > 100,000 hours
- HiColour CRI>70
- Available in Type 3, Type 4, Type 5 beam angle options
- Umbra grey powder coat finish with PMMA lens
- Slim design to minimise wind resistance
- IP65 Protection rating
- IK08 Impact Rating
- Non Dimmable as standard. 1-10V and DALI dimmable optional
- Casambi available on request
- Available with PE Cell via 3 pin Nema, optional 5 or 7 pin Nema Socket (on request)
- Range of mounting options to suit any application
- 1.5m of UV Resistant flex and plug
- Seven Year Warranty*

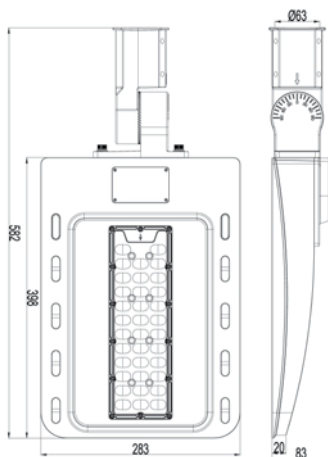
Dimming and Control

Various dimming options available. Optional photocell available as shown.

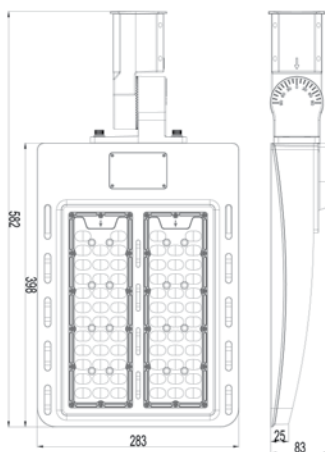
Environment and Safety

The Aspen has been made environment friendly with no glass to break, no dangerous chemicals, and no risk from exposed voltages.

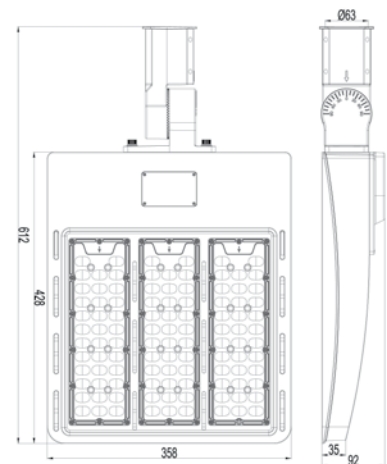
Dimensional Drawings



30W - 150W



200W



250W - 300W

*Seven year warranty is based on maximum usage of 35,000hrs. See warranty document for more details.
Specifications subject to change without notice.



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SPECIFICATIONS

PRODUCT OVERVIEW

Key Family Details

Dimming	Non Dimmable as standard. 1-10V and DALI dimmable optional
Colour	RAL 7022 (Umbra Grey)
Body	Zinc plated steel and aluminium
Protection rating	IP65
Input Voltage	220 - 240Vac
Power Factor	0.90
Efficacy	Up to 135lm/W
CRI	>70
Impact rating	IK08
Power connection	Flex
Operating Range Ta	-40°C to +45°C
Storage Temperature	-40°C to +65°C
Humidity (non-condensing)	15-90%

Technical Parameters

Model Numbers	LL7Ax100xxx	LL7Ax30xxx	LL7Ax120xxx	LL7Ax120xxx	LL7Ax150xxx	LL7Ax200xxx	LL7Ax250xxx	LL7Ax300xxx
Power	30W	60W	100W	120W	150W	200W	250W	300W
Lumens	4050lm	8100lm	13,500lm	16,200lm	20,250lm	27,000lm	33,750lm	40,500lm
Dimensions (mm)	582x283x83	582x283x83	582x283x83	582x283x83	582x283x83	582x283x83	612x358x92	612x358x92
Weight (kg)	5.5	5.5	5.5	5.5	6.8	6.8	9.6	9.6

Product Group		Group Designation		Dimming		Wattage		Distribution		Colour Temperature		Mounting		Accessories	
Shoebox	LL7	Aspen	A	Non-Dim	D0	30W	30	Type 3	T3	Cool White (5000K)	C	Standard	S	Nil	
				1-10V	D1	60W	60	Type 4	T4	Natural White (4000K)	N	Square Pole	Q	Photocell (via 3pin nema socket/ sensor)	PE
				DALI	DD	100W	100	Type 5	T5	Warm White (3000K)	W3	Round Pole	R		
						120W	120					Trunnion	T	Motion sensor	MS
						150W	150								
						200W	200								
						300W	300								



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 **Verbatim™**