

LINEAR-Q™ WEATHERPROOF

LL4LQW122 Series LED Battens



There's weatherproof , and there's Linear-Q Weatherproof

Linear-Q Weatherproof Battens are part of the Lumex Tough Team. They are weatherproof, dust proof and vandal resistant. Great for exterior areas exposed to the weather and other adverse conditions, where safety and security makes reliability a must.

Weatherproof battens are an important component of any commercial lighting specification, whether for the parking areas, service areas, or for safety and security. These are often the type of fixtures that are working for long hours, often 24/7. These are the type of applications that really benefit from the low energy consumption and low maintenance requirements of quality LED products.

But Lumex has not been content to insert the standard LED in a weatherproof fixture. Linear-Q Weatherproof use a driver separate, allowing it to be larger and better suited to commercial applications. This truly commercial design also allows Lumex to continue to extend its renown 7 year warranty to this range.



Linear-Q Weatherproof Features at a Glance

- Range: 3700Lm to 4050Lm, 48W
- Up to 84Lm/W. That's around 50% energy saving*
- LM80 projected LED life > 50,000 hours
- Colour Temperatures: 6500K, 4000K option available
- Frosted diffuser, Beam angle 120°
- Colour Rendering CRI>80
- Grey Vandal Resistant body
- Quick-mount clip together assembly
- IP66 Protection rating – ideal for outdoor (all weather) locations
- Corrosion resistant nylon clips
- 1-10V and DALI dimming option available
- Emergency options available
- Immune to Ripple Frequency Interference
- Direct connect facility
- Fully recyclable
- Fully Australian Approved
- Seven Year Warranty

Dimming

Linear-Q Weatherproof products are not suitable for phase control dimming. 1-10V and DALI dimming option available.

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 84Lm/W.

Environment and Safety

Linear-Q Weatherproof 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, 1200mm, Output Level 2, 120° Beam Angle, 4000K, White Fixture **LL4LQW122N**

Product Group		Group Designation		Dimmable		Emergency	Size		Level	Colour Temperature		Fixture Colour	
Fixtures	LL4	Linear Q Weatherproof	LQW	Non Dimming		E	1200mm	12	2	6500K	C6	Grey	
				1-10V	D					4000K	N		
				DALI	DD								



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Physical

Length: 1270mm
 Width: 127mm
 Height: 89mm
 Weight: 2.8kg

Control and Programming

Dimming: Non dimming

Construction

Colour: Grey
 Body: Polycarbonate
 Impact rating: IK10
 Protection rating: IP66

Connection

Power connection: Direct connection

Output

Luminous Flux 4000K: 3700Lm
 Luminous Flux 6500K: 4050Lm
 Efficacy: up to 84Lm/W
 Beam Angle: 120°
 CRI: >80
 Run Cost/Yr: \$26.20*
 *Costs based on usage 260 days @ 12hr/day, Energy cost \$0.21/kWh

Electrical

Input Voltage: 220-240 Vac
 Typical Total Power: 48.0W
 Power Factor: 0.90
 Total Harmonic Distortion: ≤15%

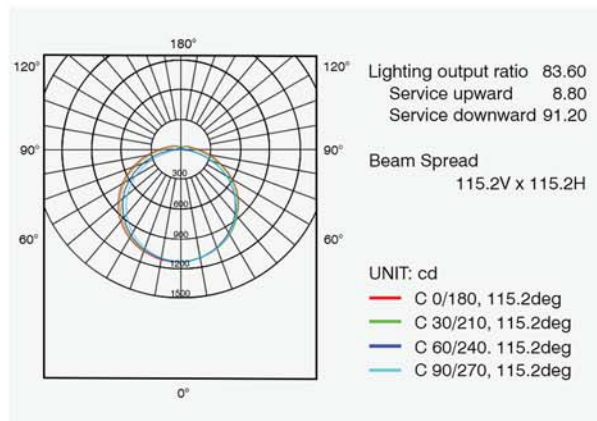
Thermal

Cooling: Convection, Conduction
 Storage temperature: -30°C to +60°C
 Operating Range Tc: -30°C to +50°C
 Humidity (non-condensing): 0-95%

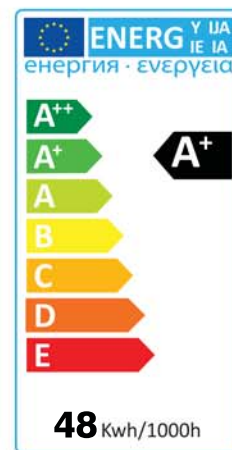
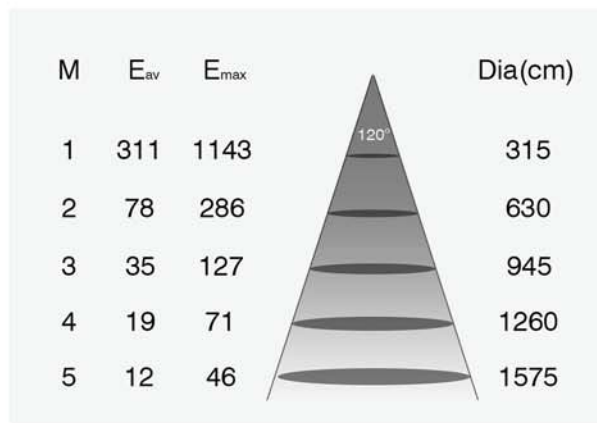
Certificates

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

Polar intensity Diagram



Cone Diagram



* February 2016, Specifications subject to change without notice

