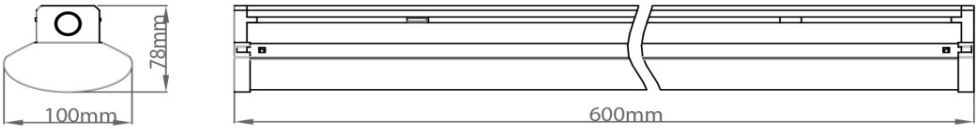
LUMEX LED LIGHTING

Innovating with Energy

Linear Q LED Batten (LL4LQ61 Series up to 1240Lm) Specification

Product Features

- A superior option to tube substitution with output up to 1240Lm (hot lumen)
- Ideal for Commercial Applications
- Alternative to 1x18W T8 Fluorescent Fixtures[1]
- Energy Savings up to 50% compared to T8 Fluorescent tubes[1]
- High colour rendering, in excess of CRI:>80
- Beam Angle 120 degree
- Dimmable 1-10V standard build
- Colour temperature options: 4000K, 5000K and 6500K
- Direct connection
- Full Australian Approvals
- Seven Year Warranty



Physical

Length: 600mm
Width: 100mm
Height: 78mm
Weight: 0.88kg

Construction

Colour: White
Body: Zinc Plated Powdercoated Steel
Impact rating: IK05
Protection rating: IP40

Output

Luminous Flux 4000K: 1130Lm
Luminous Flux 5000K: 1180Lm
Luminous Flux 6500K: 1240Lm
Efficacy: up to 124Lm/W
Beam Angle: 120˚
CRI: >80
Run Cost/Yr: $6.55
**Costs based on usage 260 days @ 12hr/day, Energy cost $0.21/kWh*

Electrical

Input Voltage: 90-240Vac
Frequency: 50-60Hz
Output: 24-39Vdc
Total Consumption: 10W
Power Efficiency Driver: >85%
Power Factor: 0.90
Total Harmonic Distortion: <15%

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Thermal

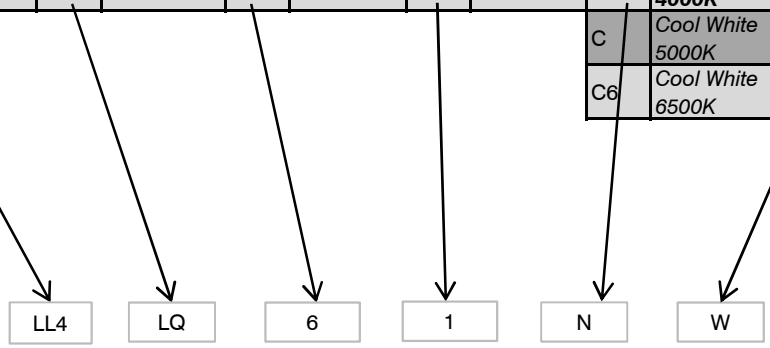
Cooling: Convection, Conduction
Storage temperature: -30°C to +50°C
Operating Range Tc: -30°C to +40°C
Humidity (non-condensing): 0-95%

Certificates

Electrical Safety: AS/NZS 60598.2.2, AS/NZS 4417 (RCM)

Catalogue Number

Product Group		Group Designation		Size		Performance Level		Colour Temperature		Fixture Colour	
LL4	***Fixture***	**LQ**	***Linear Q***	**6**	***600mm***	**1**	***Level 1***	**N**	***Natural White 4000K***	**W**	***White***
								C	*Cool White 5000K*		
								C6	*Cool White 6500K*		



LL4LQ61NW

Lumex Linear Q LED 600mm 10W Natural White

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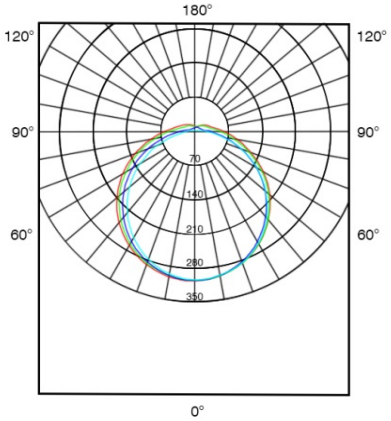
Polar intensity diagram



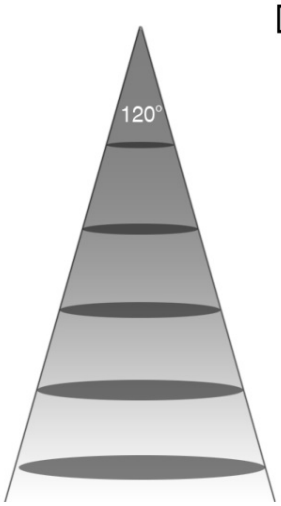
Lighting output ratio 81.50
Service upward 8.80
Service downward 91.20

Beam Spread
112.8V x 124.9H

UNIT: cd
- C 0/180, 124.9deg
- C 30/210, 122.1deg
- C 60/240. 116.2deg
- C 90/270, 112.7deg

LL4LQ61NW

M	E_{av}	E_{max}	Dia(cm)
1	90	307	300
2	23	77	602
3	10	34	902
4	6	19	1203
5	4	12	1504



[1] *Specific product and energy saving comparisons will vary with light level requirements and other aspects of a particular application. A lighting design review is recommended to identify the most economical solution for each application.*

** November 2014, Specifications subject to change without notice*