

LED Lighting



Designed to replace modular 1200x600mm (4x 36W) fluorescent trays, in suspended ceiling grid lighting, the GL-100W back lit LED light panel is a module providing bright and even illumination.

Features

- High intensity backlit LED technology
- Energy saving up to 50% v traditional lighting
- Uniform, "low glare" light output
- Instant start, no flicker, no noise
- No RF interference. EMC compliant
- Quick & easy installation
- Certified PMMA

Options:

DALI driver, emergency lighting pack, surface mount kit, 1-10v, mains & push dimming

Specifications

PART NUMBER	COLOUR	CCT	VOLTAGE	CURRENT	POWER	LUMINOUS FLUX		
		range	max	max	typ	min	typ	max
GL-100C-J2	Pure White	6500K	62vDC	1600mA	100W *		8000	
GL100N-J2	Natural White	4500K					8000	
GL100W-J2	Warm White	3500K					7000	

*Total Power includes LED driver

Notes:

Use in conjunction with constant current LED drivers (supplied)

These panels are designed for low voltage operation and must be used in conjunction with a low voltage LED driver.

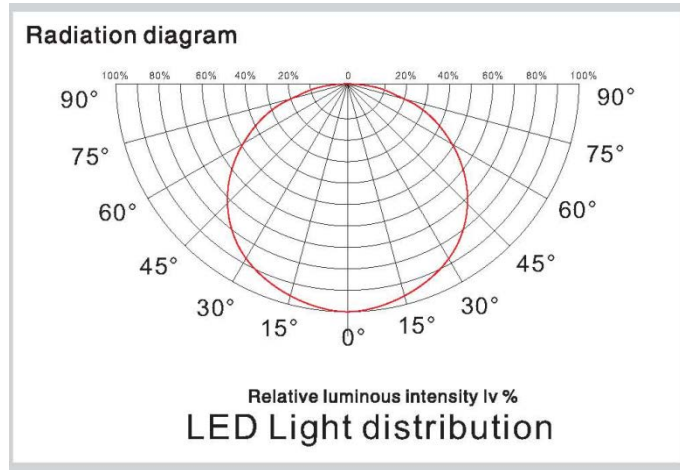
Luminous flux values quoted are typical. Please contact our office for the latest LED intensity yields

Backlit LED Light Panels GL-100W series

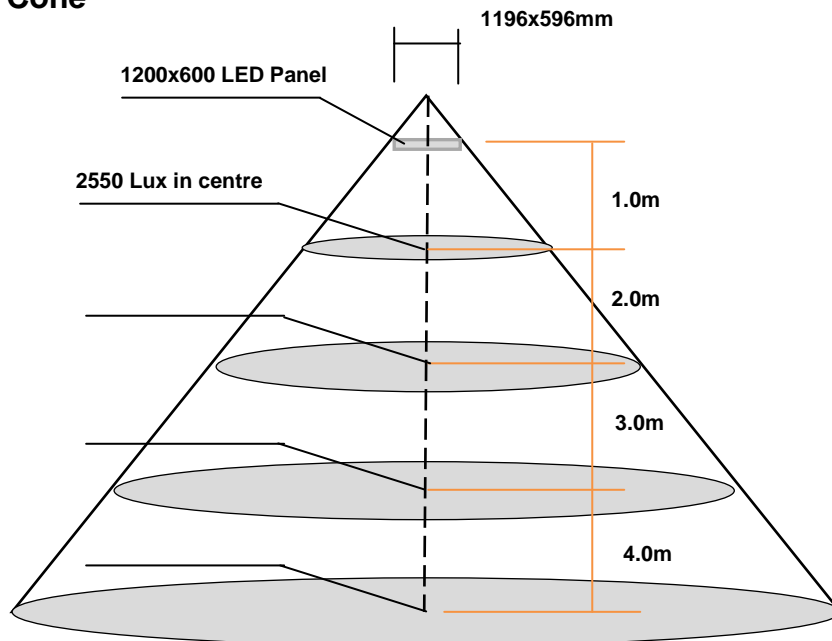
ELECTRICAL SPECIFICATIONS	
Parameter	Rating
Driver Input Voltage	100~240vac
Panel Input Voltage	62v (2x 800mA CC)
Power Consumption	85~100W
Lifetime	>30,000 hours
ENVIRONMENTAL	
Parameter	Rating
Operating Temp	-15°C to +50°C
Body Temp	45° @ Ta=25°C
Storage Temp	-20°C to +65°C
Operating Humidity	10 ~ 85%RH
MECHANICAL DETAIL	
Dimensions	1196x596x55mm
Weight	6.3 kg
APPROVALS	
EN55015, EN61547, EN61000	EMC
EN60598	LVD
IEC60695	Flammability

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Illumination Cone

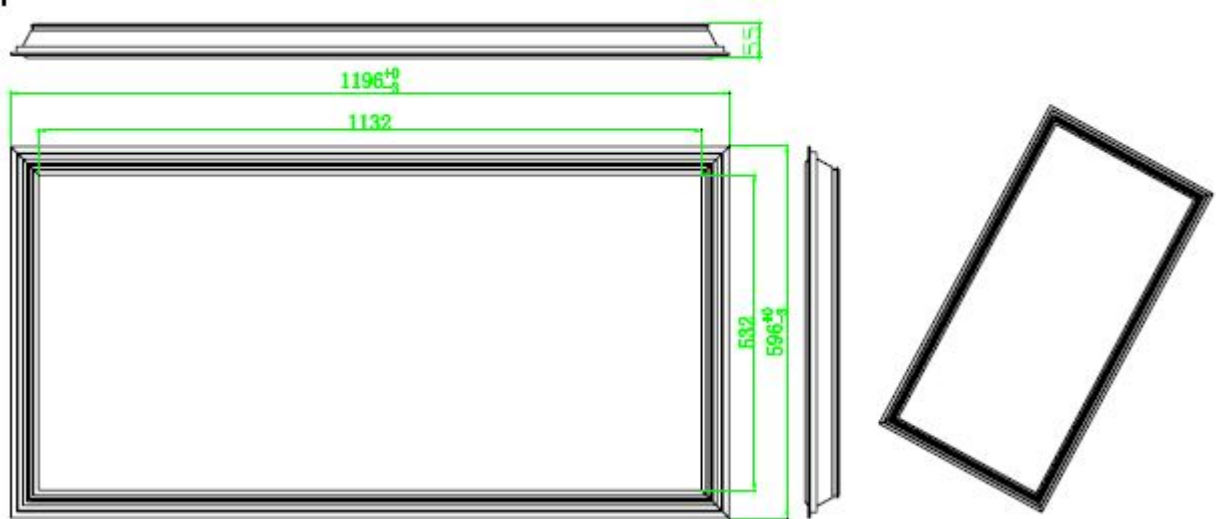


Operating time (hours)	Lumen decrease (%)
5000	2.3
10000	5.4
20000	11.5
50000	25.2

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Panel dimensions





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