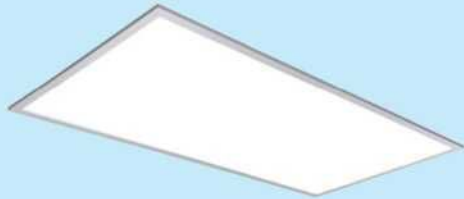


Technical Application LED Panel Light

2X4-48W

Introduction



MegaLight LED troffer adopts 2835 SMD led chip, with UL&cUL, DLC Premium approved for North America market. 1X4, 2X2, 2X4 sizes are available for various demand. Branded led driver with top quality component ensures long life time. 0-10V dimmable and non-dimmable version both provided.

The ultra slim profile fits seamlessly into any workplace. It is available in the following installation ways: embedded into ceiling, suspended with hanging wires.

- Up to 80% energy saving compared to standard CFL
- Long lifetime of 50,000 hours
- 0-10V dimmable
- 120° wide beam angle
- CCT: 4000K
- No UV/IR light
- Environment friendly, without Mercury or any other hazardous substances

Application notes

- IP40 for indoor use
- Professional electrician for installation only
- Switch off before installation
- Do not touch when in use
- Keep away from hot steam and corrosive gas

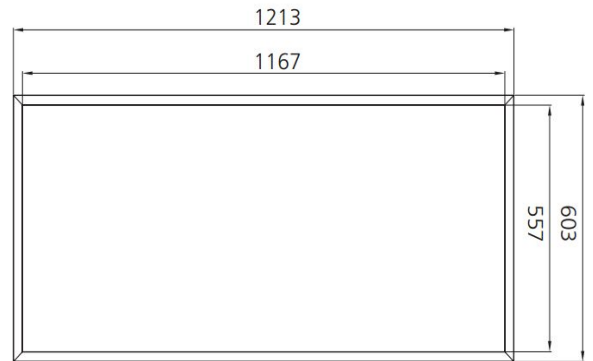
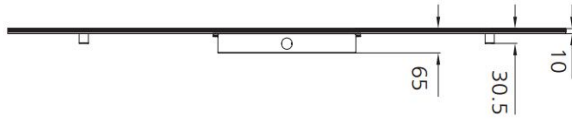
Application Areas

Widely used for various commercial lighting and residential lighting applications, such as offices, shopping mall, hotel, restaurant, hospital, home lighting etc.

Certificates



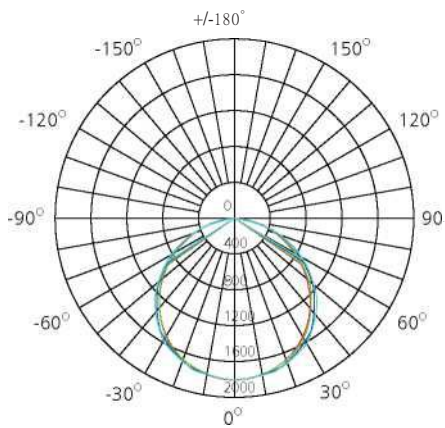
Product Information



Technical Specifications

Product Code	LPNL04840HL
Power	48W±5%
Voltage	100-277VAC
LED	SMD2835
LGP	OE
Lumen output	6048 lm±5%
Lumen Eff.	126 LM/W
CRI	>80 Ra
CCT	4000K
Lifetime	50000hrs
Dimension	600x1210x12.5mm

Polar Diagram Comparison



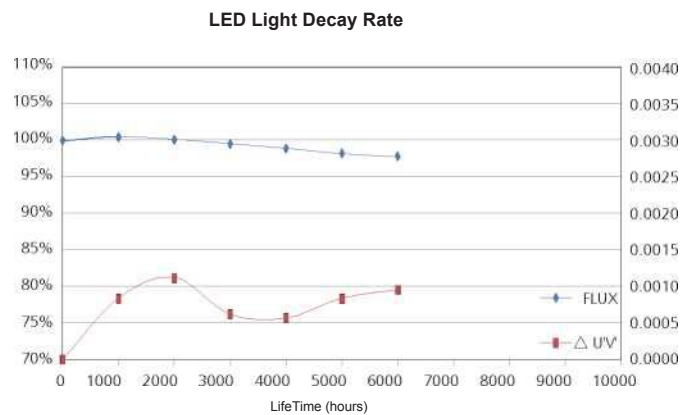
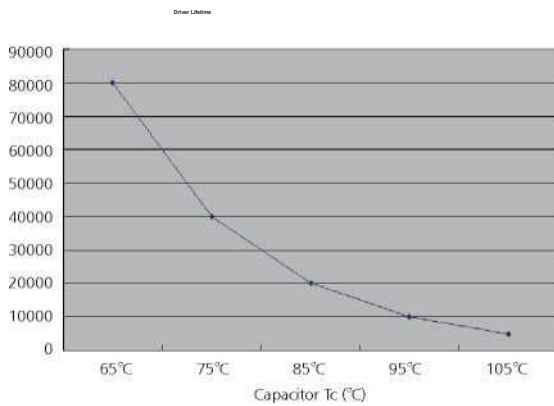
AVERAGE BEAM ANGLE (50%): 113.1DEG

UNIT: cd

C0/180, 110.7 deg
 C30/210, 111.5 deg
 C60/240, 114.3 deg
 C90/270, 115.8 deg

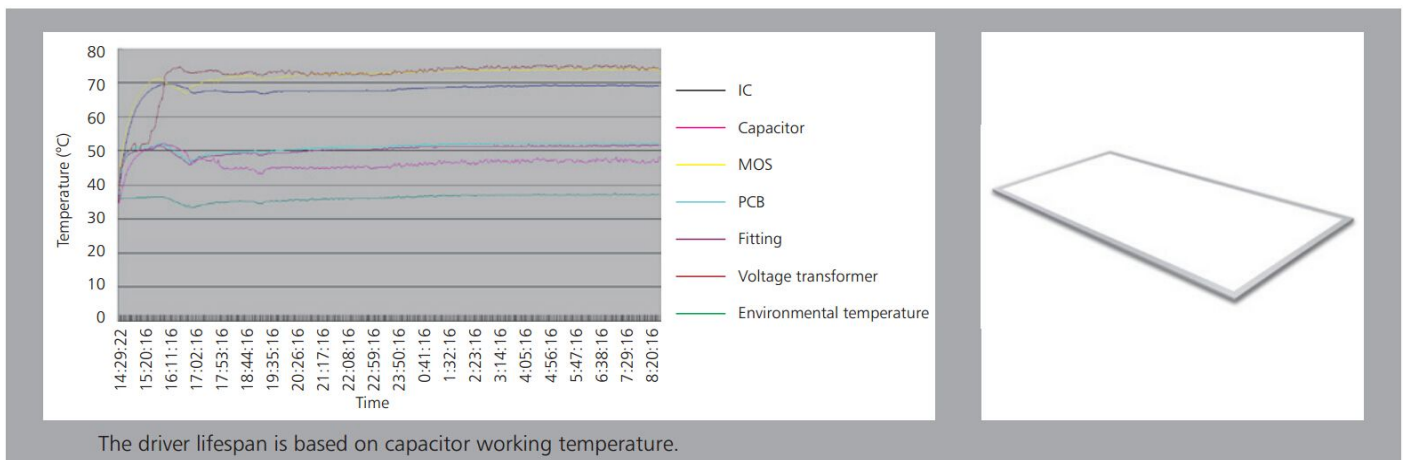


Driver lifetime & LED light decay rate



Temperature

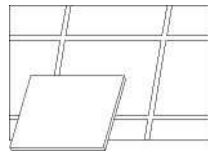
- The testing is operated at 25°C
- The lifetime of capacitor, minimum of 5,000 hours if operated at 105°C, will be doubled whenever the temperature drops 10°C
- The highest withstand temperature of 1C, MOS could be 120°C
- The highest withstand temperature of LED junction temperature is 150°C



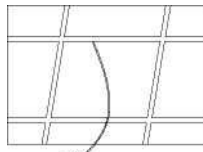
The driver lifespan is based on capacitor working temperature.

Installation

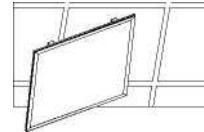
I. Recessed into ceiling



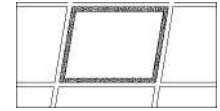
1. Remove ceiling plaster slab



2. Connect power supply

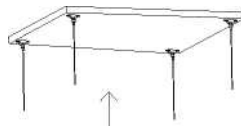


3. Fix the panel light into right place

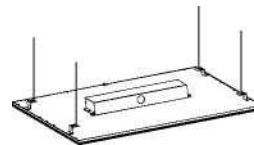


4. Stabilize the panel

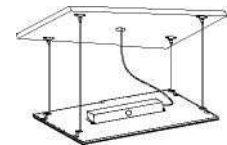
2. Suspending



1. A. Fix the anchor into target place on the ceiling
B. Fix the installation mount on the ceiling with plastic anchor



2. Hang the panel to ceiling with suspended installation kits



3. Adjust the length of steel wire. Connect the power supply

Packaging Information

	SIZE(CM)	N.W/pc (KGS)	G.W.(KGS)	Q'TY(PCS)
Carton	128*16*67.5	9.2	24.5	2

	CTNS	Q'TY(PCS)	VOLUME(CBM)
20" standard container	200	400	28
40" standard container	400	800	56

