

Panel light



ALTLED®
Orion

Series

Specification Sheet

Product Introduction

ALT's Panel light can be presented as a strong, smart and efficient light. ALT's Panel light series guarantees the outstanding efficiency and quality of High Power Products. All these make our Panel light products ideal for general business and decorative lighting purpose, including shop Lighting, Hotel lighting, and Commercial Applications. You can simply install it within the showcase of the boutique, and add up bonus for the display. Also, Asteria MR16 series can easily and smartly help you lessen energy consumption up to 90%, it will enhance your business profitability and help the environment to flourish. Panel light series certainly be the product to create a more beautiful and efficient world.

Certificates



Features

- ✓ Elegant, rich and long-lasting lighting output ideal for Interior design.
- ✓ High density aluminum increase heat dissipation.
- ✓ Up to 90% energy saving compared to standard halogen lamp.

Application

- ✓ Shop Lighting
- ✓ Commercial Lighting
- ✓ Boutique Lighting
- ✓ Illumination Lighting
- ✓ Hotel Lighting



Specifications

| Item | Specification | Details |
|---|-----------------------|---------------------------------------|
| Output | Beam Angle | 130° |
| | Colour Range | TW / NW / WW |
| | Lumen Maintenance | 50,000 hours |
| Electrical | Input Voltage | 16V DC |
| | Input Current | 2.5A |
| | Power Consumption | T50 - 42 Watts |
| | Weight | 1.5 kg |
| | Lens | Optics PMMA |
| | Operating Temperature | -4° F to 104° F (-20°C to 40°C) |
| | Humidity | 0 – 95%, non-condensing |
| | Ceiling grid | Module size in length 600 mm |
| Certification and Safety | Certifications | CE, RoHS, Laser, UL *LVD(on going) |
| | Environment | Suitable for damp location |
| | Warranty | 3 years |
| Two Million Worldwide Product Liability Insurance. | | |

Chipset Luminous Flux

| Chipsets | OSRAM E5 5630 | |
|-------------------|---------------|---------|
| Type | T50 | |
| Power Consumption | 42W | |
| Beam Angle | 10% | 130° |
| True White | CRI 80 | 5800 lm |
| Natural White | CRI 80 | 5400 lm |
| Warm White | CRI 80 | 4800 lm |

| Chipsets | LUXEON 3535-L | |
|-------------------|---------------|---------|
| Type | T50 | |
| Power Consumption | 42W | |
| Beam Angle | 10% | 130° |
| True White | CRI 80 | 6000 lm |
| Natural White | CRI 80 | 5600 lm |
| Warm White | CRI 80 | 5000 lm |

※All Chipset Luminous Flux Data are indicated in max values

Optical Characteristics

Dominant Wavelength (nm) or Colour Temperature (K)

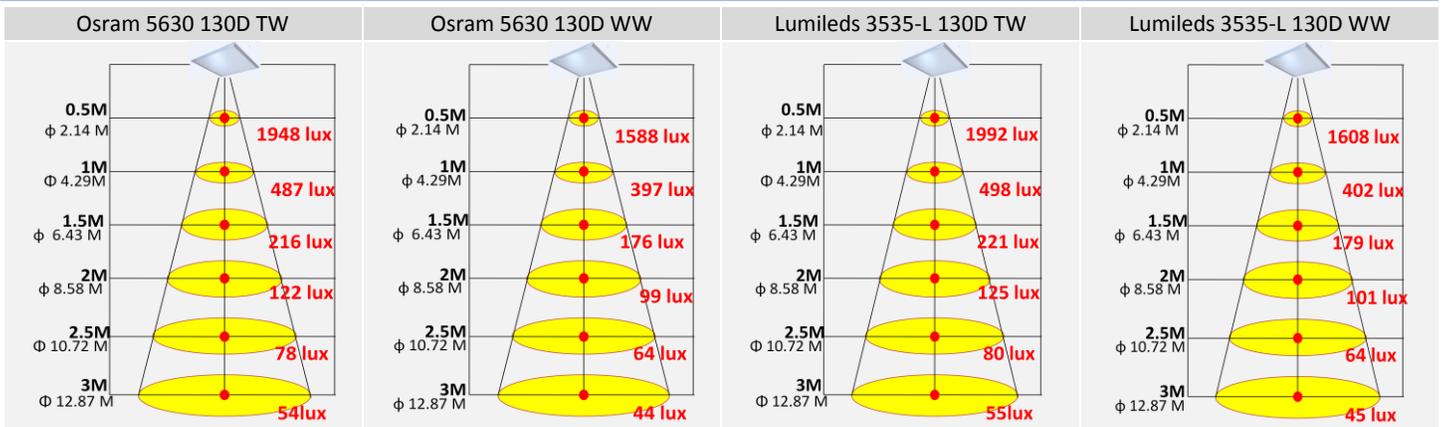
OSRAM LED chips

| Correlated Colour Temperature | Min. | Typ. | Max. |
|-------------------------------|-------|-------|-------|
| True White | 5000K | 6000K | 7000K |
| Natural White | 3500K | 4000K | 5000K |
| Warm White | 2700K | 3000K | 3500K |

LUXEON LED Chips

| Correlated Colour Temperature | Min. | Typ. | Max. |
|-------------------------------|-------|-------|-------|
| True White | 5000K | 6000K | 6500K |
| Natural White | 3500K | 4500K | 5000K |
| Warm White | 2700K | 3000K | 3500K |

Illuminance at Distance



Mechanical Dimensions

Unit:mm

