

V1 MR16 Dimmable



ALTLED® **Asteria** Series

Specification Sheet

ALT Transformer ONLY

Product Introduction

ASTERIA is a minor planet that orbits the Sun, and also considered in the Greek Mythology as the Amazon that defeat the all mighty Heracles. ALT's ASTERIA can be presented as a strong, smart and efficient light bulb. ALT's Asteria MR16 series guarantees the outstanding efficiency and quality of High Power Products. All these make our MR16 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 series MR16 Dimmable can easily and smartly help you lessen energy consumption up to 90%, it will enhance your business profitability and help the environment to flourish. Asteria MR16 series certainly be the product to create a more beautiful and efficient world.

Certificates



Features

- ✓ Smooth dimming function fades from 100% to 0% light output without flicker.
- ✓ 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 | 38°, 60°, 80°, 120° | | |
| | Colour Range | TW / NW / WW / R / G / B | | |
| | Lumen Maintenance | 30,000+ hours | | |
| Electrical | Input Voltage | 110V AC or 220V AC | | |
| | Power Consumption | 7 Watts | | |
| Physical | Bases | <ul style="list-style-type: none"> · GX 5.3 / GU 5.3 · E26 / 24 (US) · E26 / 27 (EURO) · GU10 / GZ10 · EZ10 · E11 · E12 · E14 · E17 · B22D · BA15D · BA15S | | |
| | | Weight | 0.88 ~ 1.69 oz. (25 ~ 48 g) | |
| | | Lens | Optics PMMA | |
| | | Operating Temperature | -4° F to 104° F (-20°C to 40°C) | |
| | | Humidity | 0 – 95%, non-condensing | |
| | | Certification and Safety | Certifications | CE , FCC , C-tick , RoHS , LVD , Laser Testing, ETL,REACH |
| | | | Environment | Not for use in totally enclosed fixtures Suitable for damp location |
| | | | Warranty | 3 years |
| | | | | Two Million Worldwide Product Liability Insurance. |

Chipset Luminous Flux

| Chipsets | EPISTAR |
|-------------------|--------------------------------|
| Power Consumption | 7 W |
| Beam Angle 10% | 38° / 60° / 80° / *120° |
| True White ○ | CRI 70 250 lm CRI 90 200 lm |
| Natural White ○ | CRI 70 250 lm CRI 90 200 lm |
| Warm White ○ | CRI 70 170 lm CRI 90 136 lm |
| Red ● | 140 lm |
| Green ● | 170 lm |
| Blue ● | 80 lm |

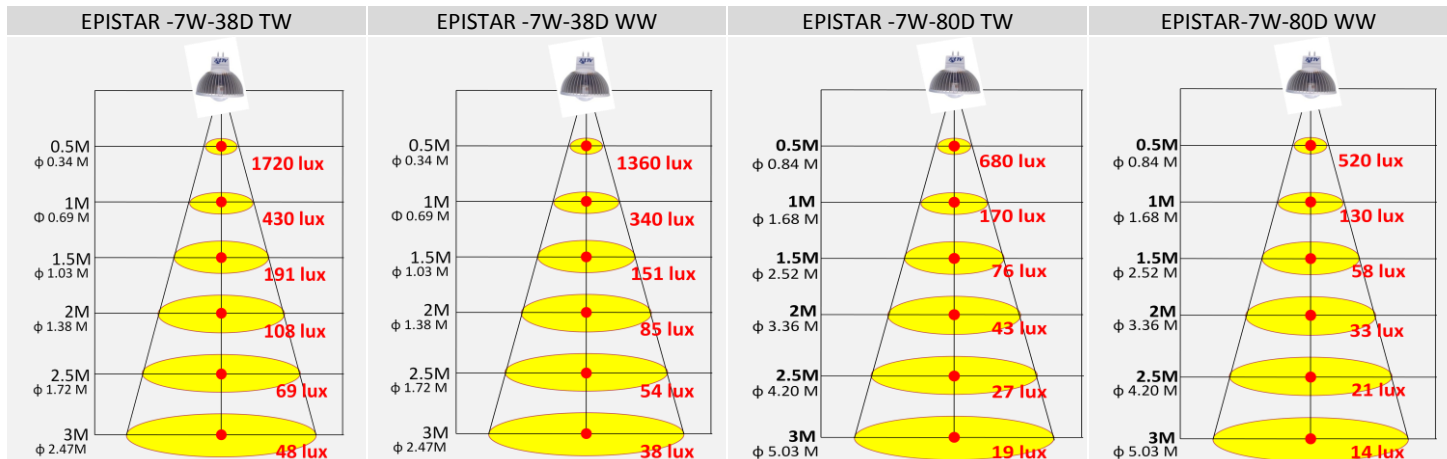
※All Chipset Luminous Flux Data are indicated in max values.

Optical Characteristics

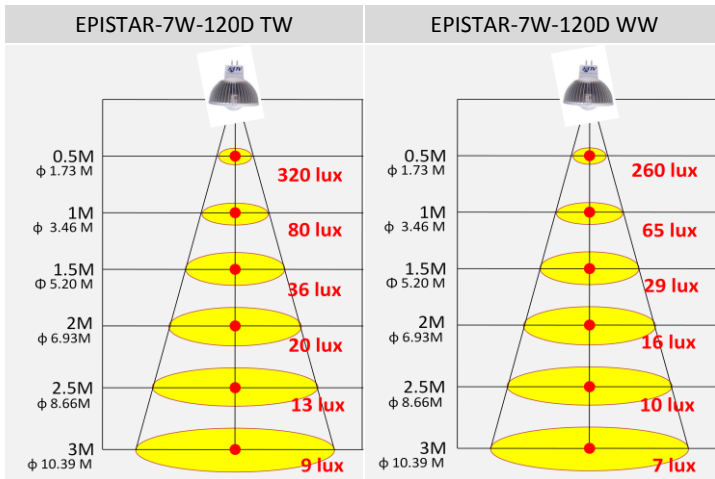
Dominant Wavelength (nm) or Colour Temperature (K)

| Correlated Colour Temperature | Min. | Typ. | Max. |
|-------------------------------|-------|-------|-------|
| True White | 4500K | 6500K | 8000K |
| Natural White | 3250K | 4000K | 4750K |
| Warm White | 2700K | 3000K | 3300K |
| Red | 620nm | 625nm | 630nm |
| Green | 520nm | 525nm | 530nm |
| Blue | 465nm | 470nm | 475nm |

Illuminance at Distance



Illuminance at Distance



Mechanical Dimensions

Design GX5.3 / GU 5.3



Design E26/24 (US)



Design E26 / 27 (EURO)



Design GU10/GZ10



Design E11



Design E14 (US)



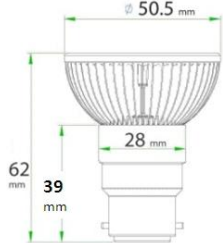
Design E14 (EURO)



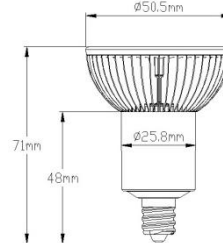
Design E17



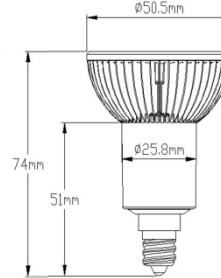
Design B22D



Design E12 (US)



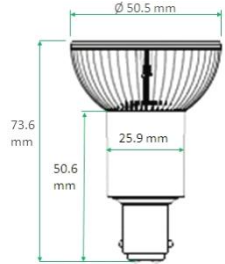
Design E12 (EURO)



Design E210



Design BA15D



Design BA15S



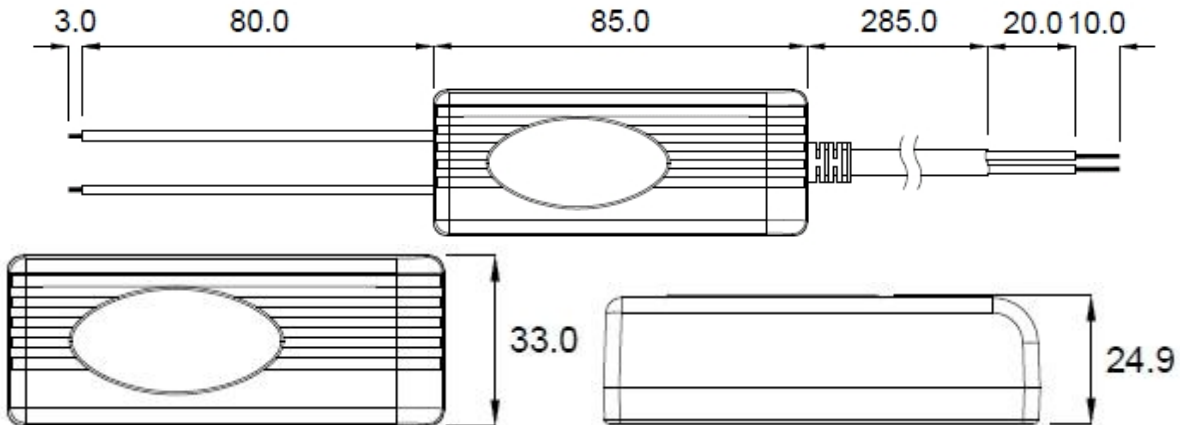
M01 Fixture



M02 Fixture

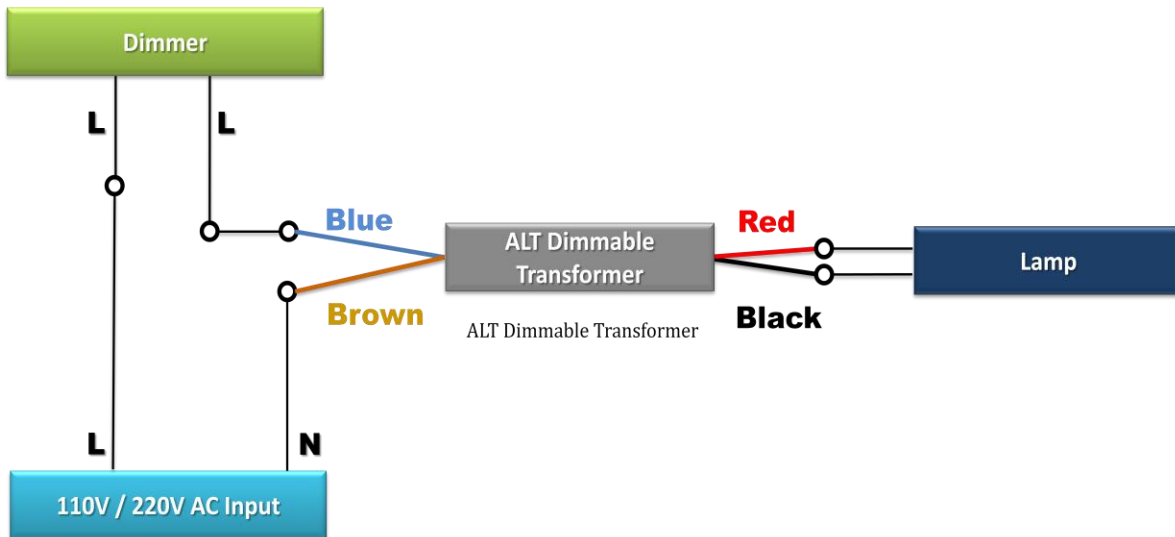


ALT 8V Transformer



Unit : mm

Transformer Installation Instruction



Compatible Dimmers List

| Compatible Dimmers List | | |
|-------------------------|----------------|------------|
| 100V~120V AC Types | | |
| Brand | Type | Max. Watts |
| ELECTRON | CONTROL | 500W |
| LUTRON | TGCL-153PH-LA | 150W |
| LUTRON | TG-600P | 600W |
| LUTRON | TG-603PR-WH | 600W |
| LUTRON | CTEL-303P | 600W |
| LUTRON | CTCL-153PDH-WH | 600W |
| LUTRON | DVLV-600P | 600W |
| LUTRON | MAELV-600 | 600W |
| LUTRON | DV-603PR-WH | 600W |
| LUTRON | S-600P-WH | 600W |
| LUTRON | S-600H-WH | 600W |
| LEVITON | IPL06 | 600W |
| LEVITON | IPI06 | 600W |
| LEVITON | R60-6684-1IW | 600W |

| Compatible Dimmers List | | |
|-------------------------|----------------------------|------------|
| 220V~240V AC Types | | |
| Brand | Type | Max. Watts |
| CLIPSAL | TRAILING EDGE 32E450TM | 450W |
| CLIPSAL | UNIVERSAL EDGE 31E2RUDM | 350W |
| HPM | TRAILING EDGE - Cat 400T | 400W |
| Hagerblu | LEADING EDG WBMD401TO | 400W |

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