

Dimmable A55



ALTLED®
Metis
Series
Specification Sheet

Product Introduction

Succeed from ALT original design concept , Metis A55 series has the biggest heat-dissipation area among other similar products with pure aluminum heat fins. High efficient thermal conduct and heat dissipation will definitely increase product life span. Sketching from traditional A55 light bulb, Metis A55 series is able to replace original 60~80W incandescent lamp directly without alternation of original light fixture. It would save lots cost for users, and use for indoor lighting widely.

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 | Light Distribution | 180°, 360° |
| | Colour Range | TW / NW / WW |
| | Lumen Maintenance | 40,000+ hours |
| Electrical | Input Voltage | 220 ~ 240V AC |
| | Power Consumption | 9 Watts |
| Physical | Bases | · E26 / 24 (US) |
| | | · E26 / 27 (EURO) |
| | | · E17 |
| | | · B22D |
| | Weight | 90 ~100 g |
| Certification and Safety | Lens | Optics PMMA |
| | Operating Temperature | -85° F to 104° F (-65°C to 40°C) |
| | Humidity | 0 – 95%, non-condensing |
| | Certifications | Rohs,Laser Testing,LVD,CE |
| Environment | Environment | Not for use in totally enclosed fixtures Suitable for damp location |
| | Warranty | 3 year |
| Two Million Worldwide Product Liability Insurance. | | |

Optical Characteristics

Dominant Wavelength (nm) or Colour Temperature (K)

LUXEON LED chips

| Correlated Colour Temperature | Min. | Typ. | Max. |
|-------------------------------|-------|-------|--------|
| True White | 4500K | 6500K | 10000K |
| Natural White | 3500K | 4100K | 4500K |
| Warm White | 2540K | 3100K | 3500K |

EPISTAR LED chips

| Correlated Colour Temperature | Min. | Typ. | Max. |
|-------------------------------|-------|-------|--------|
| True White | 4750K | 5000K | 10000K |
| Warm White | 2600K | 3000K | 3250K |

CREE LED chips

| Correlated Colour Temperature | Min. | Typ. | Max. |
|-------------------------------|-------|-------|--------|
| True White | 4500K | 6500K | 10000K |
| Natural White | 3500K | 4100K | 4500K |
| Warm White | 2150K | 3100K | 3500K |

CREE MT-G LED chips

| Correlated Colour Temperature | Typ. |
|-------------------------------|-------|
| True White | 5000K |
| Natural White | 4000K |
| Warm White | 3000K |
| | 2700K |

Lamp Luminous Flux

| Chipsets | CREE MT-G | CREE XP-G | CREE XP-E HEW |
|--------------------|--------------------------------|---------------|---------------|
| Power Consumption | 9 W | 9 W | 9 W |
| Light Distribution | 180° / 360° (Omni direction) | | |
| True White | CRI 80 | CRI 75 650 lm | 630 lm |
| Natural White | CRI 80 | 610 lm | 540 lm |
| Warm White | CRI 80 | 590 lm | 485 lm |

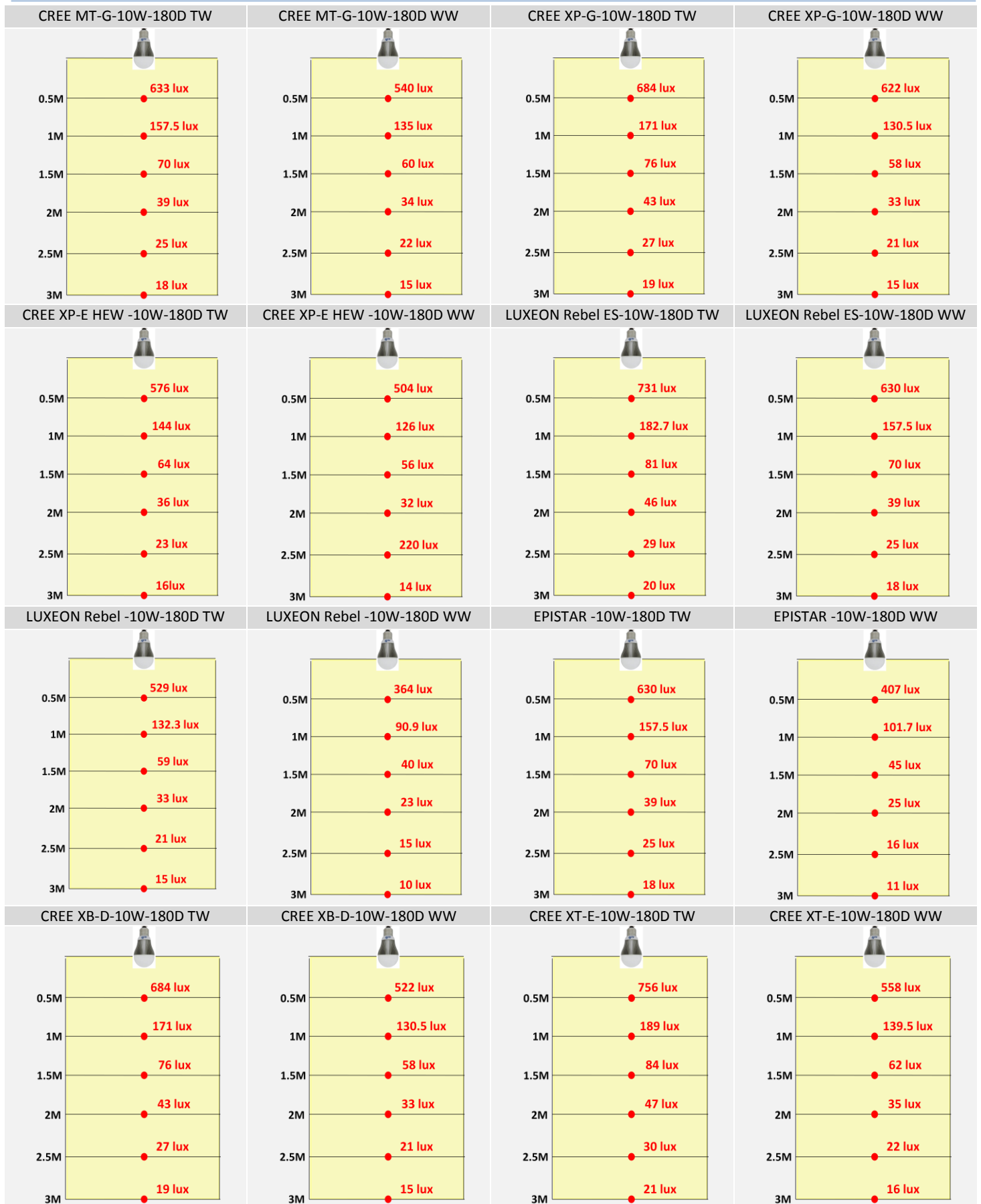
| Chipsets | LUXEON Rebel ES | LUXEON Rebel |
|--------------------|--------------------------------|--------------|
| Power Consumption | 9 W | 9 W |
| Light Distribution | 180° / 360° (Omni direction) | |
| True White | CRI 80 | 630 lm |
| Natural White | CRI 80 | 585 lm |
| Warm White | CRI 80 | 465 lm |
| | CRI 90 | 380 lm |

| Chipsets | EPISTAR | CREE XM-L |
|--------------------|--------------------------------|-----------|
| Power Consumption | 9 W | |
| Light Distribution | 180° / 360° (Omni direction) | |
| True White | CRI 70 | 490 lm |
| Natural White | CRI 80 | - |
| Warm White | CRI 80 | 360 lm |

| Chipsets | CREE XB-D | CREE XT-E |
|--------------------|-----------|----------------|
| Power Consumption | 9 W | |
| Light Distribution | 180° | |
| True White | CRI 70 | 630 lm |
| Natural White | CRI 80 | 540 lm |
| Warm White | CRI 80 | 610 lm |
| | | 520 lm (2200K) |

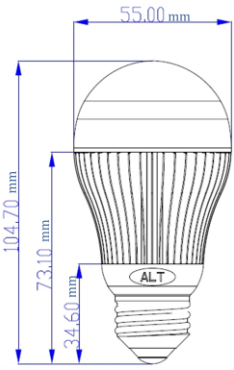
※All Lamp Luminous Flux Data are indicated in max values.

Illuminance at Distance

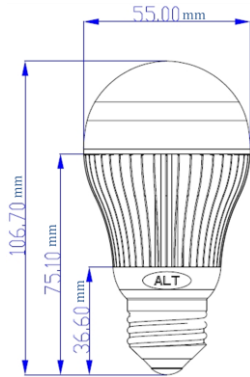


Mechanical Dimensions

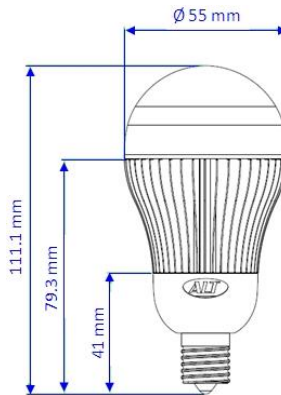
Design E26/24 (US)



Design E26 / 27 (EURO)



Design E17



Design B22D

