

4" Downlight



ALTLED®
Orion

Series

Specification Sheet

Product Introduction

ALT's 4inch Downlight can be presented as a strong, smart and efficient light. ALT's 4inch Downlight series guarantees the outstanding efficiency and quality of High Power Products. All these make our 4inch Downlight 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. 4inch Downlight 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	45°, 60°, 80°, 135°
	Colour Range	TW / NW / WW
	Lumen Maintenance	50,000 hours
Electrical	Input Voltage	15V / 15.6V DC
	Input Current	0.8 / 1A
	Power Consumption	T15 - 15 Watts
		T20 - 18 Watts ※Including power consumption
	Weight	14.10 oz. (400 g)
	Lens	Optics PMMA
	Operating Temperature	-4° F to 104° F (-20°C to 40°C)
	Humidity	0 – 95%, non-condensing
	Installation Diameter	Ø106mm
	Certification and Safety	Certifications
Environment		Suitable for damp location
Warranty		3 years
Two Million Worldwide Product Liability Insurance.		

Optical Characteristics

Dominant Wavelength (nm) or Colour Temperature (K)

CREE LED chips

Correlated Colour Temperature	Min.	Typ.	Max.
True White	4550K	6000K	10000K
Natural White	3250K	4000K	4750K
Warm White	2100K	3000K	3500K

OSRAM LED Chips

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

Chipset Luminous Flux

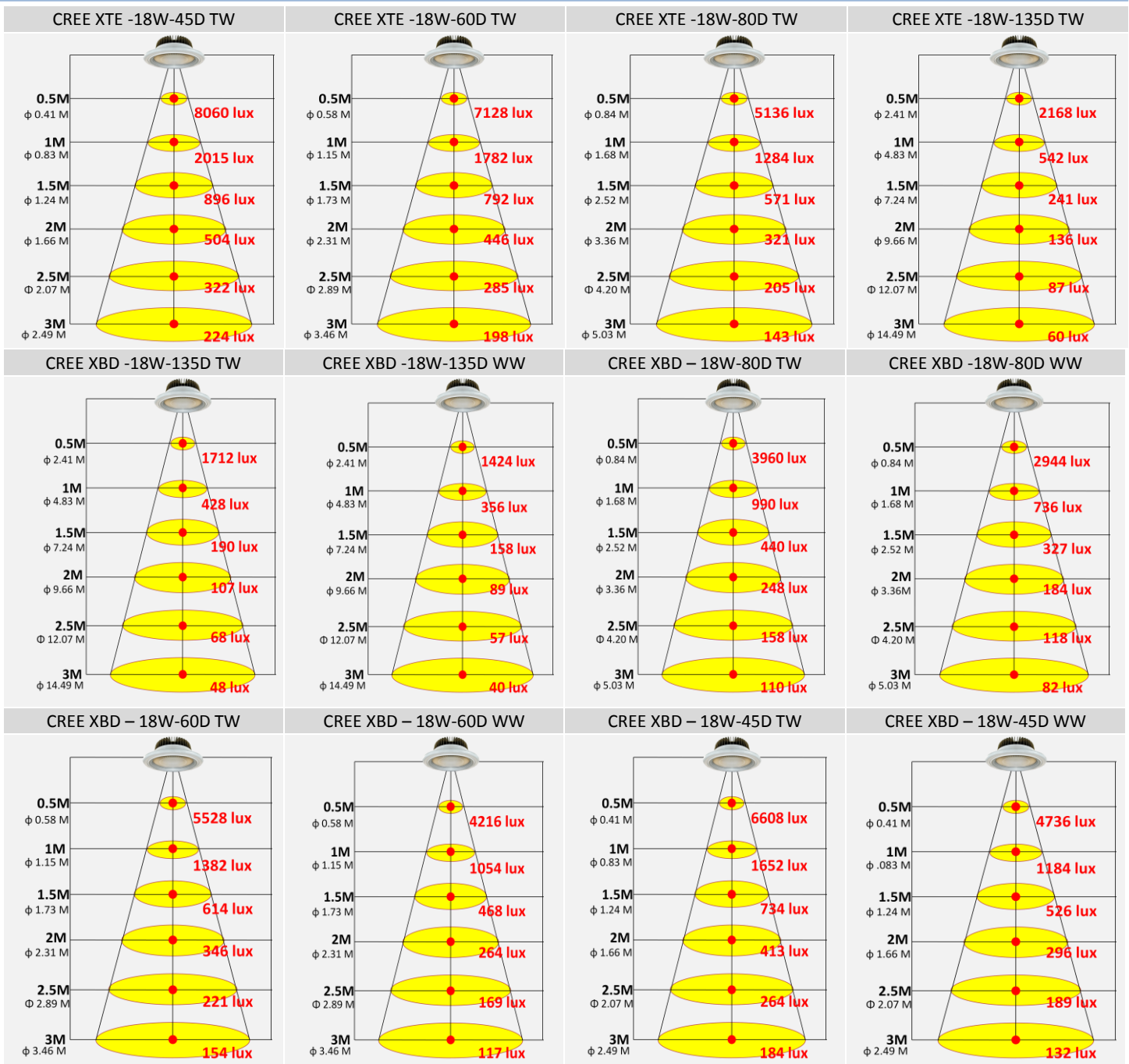
Chipsets		CREE XT-E	
Type		T15	T20
Power Consumption		15W	18W
Beam Angle	10%	45°, 60°, 80°, 135°	
True White	CRI 70	1650 lm	2000 lm
Natural White	CRI 80	1350 lm	1650 lm
Warm White	CRI 80	1200 lm	1450 lm
	CRI 90	1000 lm	1250 lm (2200K)
		950 lm	1160 lm

Chipsets		CREE XB-D	
Type		T15	T20
Power Consumption		15W	18W
Beam Angle	10%	45°, 60°, 80°, 135°	
True White	CRI 70	1500 lm	1850 lm
Natural White	CRI 80	1250 lm	1550 lm
Warm White	CRI 80	1100 lm	1350 lm

Chipsets		OSRAM Square	
Type		T15	T20
Power Consumption		15W	18W
Beam Angle	10%	45°, 60°, 80°, 135°	
True White	CRI 70	1850 lm	2250 lm
Natural White	CRI 70	1700 lm	2000 lm
Warm White	CRI 80	1450 lm	1700 lm
	CRI 92	1050 lm (2400K)	1280 lm (2400K)
		1150 lm	1350 lm

※All Chipset Luminous Flux Data are indicated in max values

Illuminance at Distance



Mechanical Dimensions

Unit:mm

