

4inch Square Downlight



ALTLED®
Orion

Series

Specification Sheet

Product Introduction

The ALTLED® Uniqube™ is especially designed for new or renovation projects on luxury venues requiring high brightness. From boutiques, fashion stores, mansions and the like. The Uniqube™ Square downlight series comes in three sizes: 2 inch, 4 inch and, 6 inch. Each is more than 100 lm/w and High CRI available. The 2 inch and 4 inch downlight have a 75-degree adjustable angle, allowing rotation of the light. Using special optical processing, an optional translucent colored frame around the light source can also emit uniform lighting: blue for a cool and modern ambiance; red for warmer effect and better color rendering; and green for better eyesight and a more environmental image; or leave it just white for simple and understated beauty.

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°	
	Colour Range	TW / NW / WW	
	Lumen Maintenance	50,000 hours	
Electrical	Input Voltage	15V DC	
	Input Current	0.8 / 1.25A	
	Power Consumption	T15 - 15 Watts	
		T20 - 20 Watts	※Including power consumption
	Output Voltage	15-20V DC (power supply)	
	Output Current	1.25A (power supply)	
	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	105*105mm	
	Adjustable	20° horizontal	
	Certifications	UL (only T20)	
Certification and Safety	Environment	Suitable for damp location	
	Warranty	3 years	
Two Million Worldwide Product Liability Insurance.			

Chipset Luminous Flux

Chipsets		CREE XT-E	
Type		T15	T20
Power Consumption		15W	20W
Beam Angle	10%	45°, 60°, 80°	
True White	CRI 70	2100 lm	2800 lm
Natural White	CRI 80	1800 lm	2450 lm
Warm White	CRI 80	1500 lm	2000 lm
	CRI 90	1200 lm	1600 lm

Chipsets		OSRAM Square	
Type		T15	T20
Power Consumption		15W	20W
Beam Angle	10%	45°, 60°, 80°	
True White	CRI 70	2250 lm	2950 lm
Natural White	CRI 70	1950 lm	2600 lm
Warm White	CRI 80	1600 lm	2150 lm
		1250 lm (2400K)	1680 lm (2400K)
	CRI 92	1300 lm	1700 lm

※All Chipset Luminous Flux Data are indicated in max values

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

Mechanical Dimensions

Unit:mm

