



[www.truelite.us](http://www.truelite.us)

## LED DOWN LIGHT-SL

12W

Truelite slim series led down light is a high grade indoor lighting for illumination and decoration, using Epistar led as light source. With aluminum body case made by precise CNC machine, soft light and uniform illuminance, this is the best green light option for home and commercial lighting application. The long lived LED luminaires are designed to meet the most demanding specification criteria while offering maximum energy savings, reduced maintenance costs, and a superior quality of light. LEDs are extremely durable and built with sturdy components that are highly rugged and can withstand even the roughest conditions.

### Features

- Wide input voltage range
- Long life and high reliability
- Small in Size and Easy to mount
- High Luminous Efficiency
- Epistar, high brightness and powerful, low light decay
- Instant start, no noise, no flickering and work steadily
- Eco friendly and energy savings
- Constant current drives give stable and safe working
- Good thermal property with special design aluminum housing
- White, warm white, cool white colors are available
- High precision optics helps to uniform illuminance, no light spot and no dark space
- Milky diffuser, no glare
- CE, RoHS certifications

## Product Specification

Electrical Data	
Operating Voltage	AC 90 ~ 265 VAC
Frequency	50/60Hz
Driver Power Efficiency	>80%
Rated power	12W
Power Factor(PF)	>0.9
Total Harmonic Distortion	NA
Power supply	Isolated type
Dimming	No
Light Data	
Color Temperature	3000-6000K
Color Rendering Index	>75
Beam Angle	100°
LED Luminous efficiency	80 lm/W
Luminous flux	960lm
Led chip	Epistar
LED Type	2835
Service Life	>50000 Hours
Environmental Data	
Working Ambient Temperature	-10° To +60°
Storage temperature	-20° To +80°
IP Grade	IP 44
Cooling	Conventional
Certificate	CE,RoHS
Mechanical Data	
Product finish	White
Light Fixture Material	Aluminum body , Poly carbonate Diffuser (milky)
Dimension	R Ø -170x20mm,S 170x170x20mm
Model geometry	Round(R),Square(S)
Luminaire Fixing	Recess mounted type
Cut Out	R-Ø150mm,S-150X150mm
*All parameters are measured @ ambient temperature Tc 25 degree	

## Application Area

Down lights are commonly used for ambient and directional lighting in both residential and commercial buildings. One of the earliest applications of solid-state lighting for general illumination, LED down lights are now widely available in a range of sizes and lumen packages, offering a viable alternative to incandescent and compact fluorescent products. Mainly used in Hotels, conference room, office, factories, hospitals, schools, homes and public building etc.

## Ordering Code

### Round

TLBSDL-R6IW012-IH (Warm white)

TLBSDL-R6IP012-IH (Pure white)

TLBSDL-R6IC012-IH (Cool white)

### Square

TLBSDL-S6IW012-IH (Warm white)

TLBSDL-S6IP012-IH (Pure white)

TLBSDL-S6IC012-IH (Cool white)