



www.truelite.us

LED BULB

5W

Truelite LED bulbs deliver superior-quality light that enhances product appearance and the working environment. Truelite LED bulbs are the preferred alternative to heat-producing halogen lamps, CFLs and HID bulbs that contain harmful mercury. LED lights use 75 to 80 percent less energy than older incandescent lights. LED light bulbs are more cost-effective than their incandescent or CFL counterparts. LED light bulbs have a longer life than traditional incandescent light bulbs and require less energy. They come in a variety of shapes, offer a variety of sheens, and come in different base widths to match almost any light fixture. Truelite has a wide selection of LED light bulbs to help create the lighting effect you desire. LEDs reduce the potential for safety risks such as burns and fires.

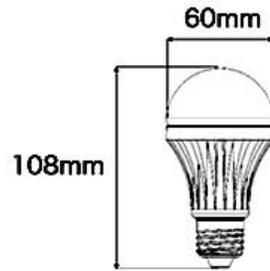
Features

- Wide input voltage range
- High efficiency, long life and high reliability
- High CRI
- 100% full load burn-in test
- High operating temperature range
- Easy installation
- Low maintenance cost
- E27/B22 base models
- Luxury out looking and enhanced heat sink construction
- LED bulb contains no toxic materials and is 100% recyclable
- No UV emissions
- LED bulbs are ideal for operation under cold and low outdoor temperature settings
- LED lights brighten up immediately and when powered on, also, LED lights can be switched off and on frequently and without affecting the LED's lifetime or light emission
- LEDs reduce the potential for safety risks such as burns and fires
- CE, RoHS certifications

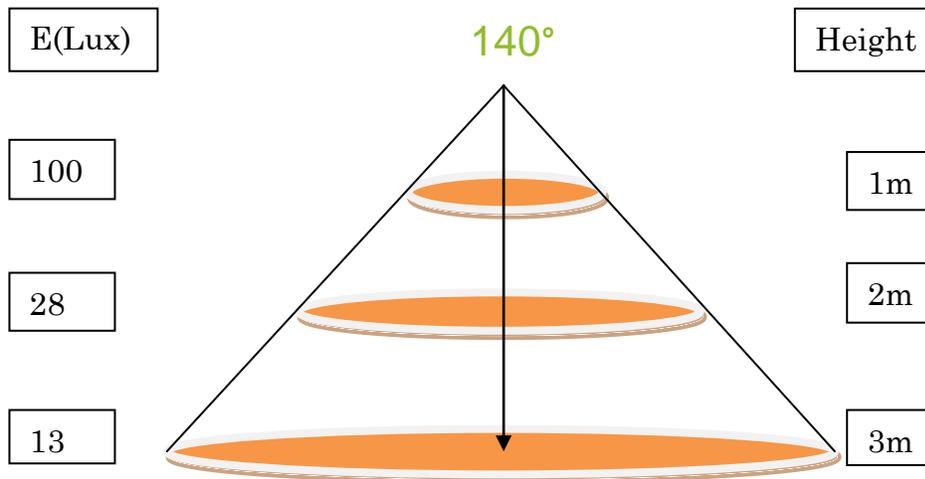
Product Specification

Electrical Data	
Operating Voltage	AC 90 ~ 260 VAC
Frequency	50/60Hz
Driver Power Efficiency	>80%
Rated power	5W
Power Factor(PF)	>0.75
Total Harmonic Distortion	< 30%
Power supply	Isolated type
Dimming	Optional
Light Data	
Color Temperature	2700-6500K
Color Rendering Index	>80, >70
Beam Angle	140°
LED Luminous efficiency	95 lm/W@CRI>80, 100lm/W@CRI>70
Luminous flux	500lm@RA>70, 480lm@RA>80
Led chip	CREE
LED Type	5730
Service Life	>50000 Hours
Environmental Data	
Working Ambient Temperature	-20° To +50°
Storage temperature	-20° To +80°
IP Grade	IP 20
Cooling	Conventional
Certificate	CE,RoHS
Mechanical Data	
Product finish	Gray
Light Fixture Material	Aluminum, Poly carbonate diffuser (milky)
Dimension	Ø60*108mm(DxH)
Base	E27,B22D
Weight	0.1kg
*All parameters are measured @ ambient temperature Tc 25 degree	

Fixture



Isolux Diagram



Application Area

Widely used in indoor places like museums, hotel, restaurants, conference rooms, bar, office, showrooms, and home lighting. The LED bulb is an ideal replacement for high energy consuming incandescent, CFL, halogen etc.

Ordering Code

E27 BASE

TLBBUB-E27W005-IH (Warm white)

TLBBUB-E27P005-IH (Pure white)

TLBBUB-E27C005-IH (Cool white)

B22D BASE

TLBBUB-B22W005-IH (Warm white)

TLBBUB-B22P005-IH (Pure white)

TLBBUB-B22C005-IH (Cool white)