



www.truelite.us

VIVID

LED High Bay Light

90W

Truelite VIVID LED High bay and low bay luminaries are designed to replace conventional high bay lighting fixtures. Its compact design allows increased mounting versatility and ease of installation. High bay is used in high ceiling areas such as industrial manufacturing and mining industry. In addition to provide illumination under normal condition, some high bay series also have features of explosion proof and anti-corrosion. The luminaire comes with high-quality optics, ensuring excellent lighting performance in different application areas. Advantages of high power led high bay include high thermal conductivity, low lumen decay, high color purity, no flickering etc. LED High bay Light CREE original LED high luminous flux. Energy saving obviously compared with the sodium light energy saving more than 60%.

Features

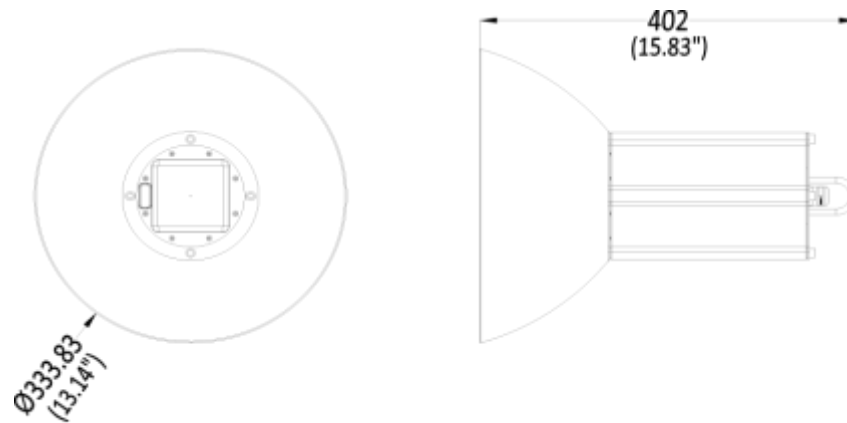
- Wide input voltage range
- High power factor
- Low harmonic Distortion
- High driver efficiency
- Wide working ambient temperature.
- High luminous efficiency
- Eco friendly, no harmful element like lead and mercury
- Special heat release system & lamp body integration design
- Special finish process, various surface colors are available for option
- Easy and convenient installation
- Two beam angle options are available
- Low electromagnetic emission
- Instant on/off.
- Maintenance free.
- No UV or IR.
- Resistant to shock and vibration
- Temperature compensation technology for long life
- Unique optical design for better light distribution and uniformity
- CE, RoHS Certification



Product Specification

Electrical Data		
Operating Voltage	AC 90 ~ 305 VAC	
Frequency	50/60Hz	
Driver Power Efficiency	>90%	
Rated power	90W	
Power Factor(PF)	>0.95	
Total Harmonic Distortion	< 15%	
Power supply	Isolated type	
Light Data		
Color Temperature	4000K/5000K	
Color Rendering Index	>70	
Beam Angle	80°/115°	
Efficacy of led	96 lm/W	
Light distribution curve	Lambert type light distribution(circular spot)	
Luminous flux(80°/115°)	8492lm	
Led chip	Cree XT-E	
Optic(IESNA)	T5R Reflector	
Service Life	>50000 Hours	
Environmental Data		
Working Ambient Temperature	-40° To +50°	
Storage temperature	-45° To +80°	
IP Grade	IP 65	
Relative Humidity(RH)	10%-95%	
Cooling	Conventional	
Certification	UL/ CUL /DLC/ LM79 / CB/CE/RoHS	
Mechanical Data		
Color option	Gray	
Light Fixture Material	Aluminum alloy body + PC diffuser	
Dimension(80°/115°)	Ø330XH400mm Ø11.81"XH15.75"	555X415X210mm 21.85"X16.34"X8.27"
Weight(80°/115°)	4.37kg (15.74lbs)	
Luminaire Fixing	Pendant mounted	
*All parameters are measured @ ambient temperature Tc 25 degree		

DIMENSIONAL DRAWING



TLBLD 40-60-90

Application Area

Wide range of Truelite high bay lighting fixtures provide specific light patterns for your high bay lighting applications, including maintenance lighting, warehouse lighting, recreation center lighting, hangar lighting and storage lighting. Truelite high bay lighting fixtures provide industrial and commercial lighting to help improve safety and energy efficiency while enhancing productivity

Ordering Code

MODEL	OPTIC LENS	CCT(ANIS)	OPTICAL COLOR	LIGHTING CONTROL
TLBLD90 90w	T5R Reflector	40K* 3985 ± 275 50K* 5028 ± 283	GR* Gray (Ral: 7004)	00 Not required 02 Motion sensor 05 0-10VDimming

Example 1: TLBLD90-T5R-50K-00



VIVID Series combines unique optic solutions with traditional bell shaped appearance, Which performs much better than traditional high bay lights and conventional COB LED bay lights.