

Model: SD144 LED Tunnel Light will replace the 400W HPS bulb.
Power Consumption: 150W (For LED consumption only, the system with the power supply is about 180W)
Working Voltage: 100-240VAC, 12 or 48V DC
Luminous Flux: 15,000lm (equal to 400W HPS Lamp)
Certificates: CE (UL Pending)
Special Features: Integrated LED Tunnel light with Heater and Lamp Bracket all-in-one, IP65.
Applications: Street Lighting, Roadway Lighting, Parking Lot Lighting, Ramp Lighting, Private Road Lighting, Perimeter Security Lighting, Farm & Ranch Lighting, Wildlife Area Lighting, Park Lighting, Campus Lighting, Boat Dock Lighting, Remote Area Lighting, Military Base Lighting, Shopping Mall Lighting, **Warehouse Lighting**, Indoor Parking Lot Lighting, etc.



LED Tunnel Light Features

High Power LED Tunnel Lights, is a new, energy-saving product that utilizes high power LED's as light source that can be directly connected with a 100-240VAC power supply. With the LED color spectrum, there is no ultraviolet light, no infrared rays, no heat, and no radiation produced. As a result, our LED Tunnel Light series are a conventional "green" lighting source.

The lamp casing is made of aluminum-alloy through die-casting that is covered with fluorocarbon powder that is sprayed in electrostatic sprayed. The LED Tunnel Light lamp lens is made of material that use high quality transparent polycarbonate, is highly lucent, dust-proof, and waterproof. Our whole set LED Tunnel Light uses Aluminum for fasteners, the product is safe, reliable, and has low energy-consumption and a long life span. Our LED Tunnel lights are especially suitable to use in public places such as open squares, Tunnels, and roads.

Our LED Tunnel Light got CE, UL certificates once we finished paperwork, except supply our standard LED Tunnel Lights,

For more information:

Visit our website; www.beoffthegrid.com

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LED SD144 SPECIFICATIONS

Model Number	SD144
Input Voltage	100-240VAC
Frequency Range	47~63 Hz
Power Factor(PF)	>0.95
Total Harmonic Distortion(THD)	<10%
Power Efficiency	90%
LED Working Voltage	48VDC
LED Consumption	100W
Power Supply Consumption	180W
LED Luminous Efficiency	>90LM/W
LED Initial FLux	15,000lm (Tj=25°C)
LED Maintain FLux	14,400lm(Tj=60°C,Ta=25°C)
Lamp's FLux	14,200lm(Tj=60°C, Ta=25°C)
Lamp's Efficiency(%)	>90%
Illumination(E)	(Height=5m)≥112 Lux (Replace Sodium light of 132 Lux) (Height=6m) ≥91Lux (Replace sodium light of 45 Lux) (Height=7m) ≥77 Lux (Replace sodium light of 33 Lux) (Height=8m) ≥68 Lux (Replace sodium light of 33 Lux)
Effective Illuminated Area	(Height=5m):16 x 8m (Height=6m):20 x 8m (Height=7m):23 x 9m

(Height=8m):26 x 10m

Color Temperature(CCT)	Pure White:5,000~7,000K,Warm White:3,000~4,000K
Color Index(CRI)	>75
Light Source	BBE Emitter(1 Watt)
Light Distribution Curve/Beam Pattern	Asymmetric(Bat Wing)/Rectangular Beam
The Maximum Light Intensity Angle	The Horizontal Axis:110°C, The Vertical Axis:45°C
Light Beam Angle	The Horizontal Axis:120°C, The Vertical Axis:60°C
Junction Temperature(Tj)	60°C±10%(Ta=25°C without wind)
System Resistance(Rja)	0.5°C/W
Working Temperature	-30°C~50°C
Working Humidity	10%~90%RH
Storage Temperature	10°C~85°C
Working Life	>50,000Hrs
Light Body & Lampshade Material	Aluminum Alloy and PC
Dimensions(mm)	910(L) × 345(W) × 250(H)
Net Weight	9.5 Kgs
IP Rating	IP65
Packing	1 pc /Carton
Carton Size	910 x 345 x 250 mm
Container Q'ty (pcs)	20'Q: 430 pcs 40'Q: 8,90 pcs, 40'HQ: 1,046 pcs