

TY-BU-100 Retrofit Bulb Specification



Our high-power bulb light using modern high-tech forging technology, built-in the efficient isolation without electrolytic capacitor long life drive power, air-cooled design with a patented, high luminous flux maintenance rate and low wear and tear the whole lamp life of 30,000 hours, and can be completely replacing the high-power energy-saving lamps and mining lamp.

- Wattage: 100± 5W
- Input Voltage: 100-277V/AC (50-60Hz); Power Factor >0.90
- Light Source: Philips 3030 Ra>80
- Efficacy: up to 95lm/W; Lumen Output: 8850- 9050(lm)
- Beam Angle: 120°
- Housing: AL+PC
- Operation Temp: -20°C to +50°C
- Limited Warranty: 3 Years
- 400W MH/HPS Replacement
- Recommended Installation Height:8-10m

Models

Model No.	Power		Lumen Output (Lm)				Efficacy		Size	Weight
	(W)	3000K	4000k	5000K	6000K	3000-6000K	Holder	(mm)	(kg)	
TY-BU-100	100 ± 5W	8800	8850	9000	9050	90lm/W	E26/27	125.5(D) x 253(H)	0.946kg	

Technical Specification

Warranty: These LED products will be free from defects in materials and workmanship for a period of three(3) years from the date of delivery to the end user.

Qualifications: UL CE/Rohs Certificate, IESNA LM79&LM-80 Testing

LED Characteristics: 100,000-hours LED lifespan based on IES LM-80 results and TM-21 calculations. Multi-chip, high-output, long-life LEDs. Color Rendering Index>83, R9>18

Ambient Temperature: -20°C to +50°C

Application: Replace MH/HPS lamps, and any applicable lighting fixture with ballast and starter bypassed.

Thermal Management: Active thermal management (Fan) with external Heatsink.

Electrical: 100W, 100-277V, 50-60Hz, Power Factor>0.90 Not Dimmable

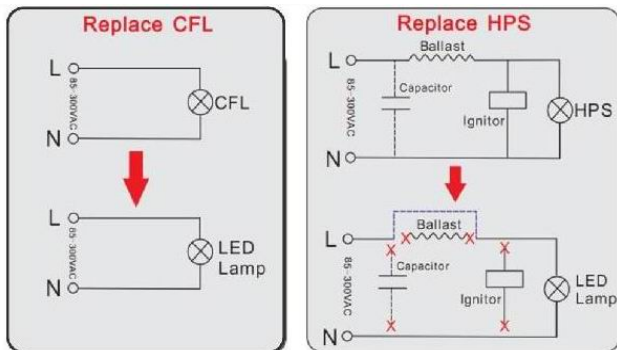
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Application

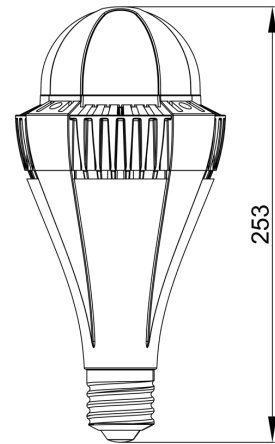
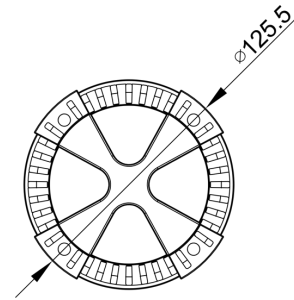
Replace MH/HPS lamps, and any applicable lighting fixture with ballast and starter bypassed.

e.g. Factory, Warehouse, Workshop, Exhibition Hall, Gymnasium, Shipyards, Mining, Gas Station, Supermarket, etc.

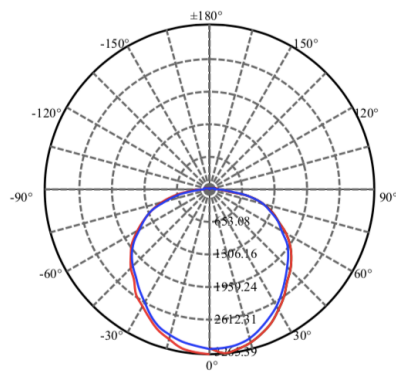
Notice



Dimensions(mm)



Light distribution curve



BU100W

Illuminance at Distance

Distance	Center Beam	Beam Width
17 ft	10.2 fc	150 ft
34 ft	2.7 fc	203 ft
51 ft	1.2 fc	240 ft
68 ft	0.7 fc	280 ft
85 ft	0.5 fc	283 ft
102 ft	0.3 fc	320 ft

Packing

Model No:	Power (W)	Inner box (Size: mm)	Outer box (Size: mm)	Net Weight/ Carton (KG)	Gross Weight/ Carton (KG)	Qty/ Carton (PCS)
TY-BU-100	100W	174*174*304	532*402*290	12.3kg	13.5kg	12pcs

Notice for user:

- Ensure that the lighting in the applicable voltage range
- Do not disassemble lamps