BIG SHINE LED
BE BRILLIANT

DLC LISTED PREMIUM

c ETL us Intertek

Electrical Information

Model No	TK7-100	TK7-120	TK7-150	TK7-200
Power Consumption(±5%)	100W	120W	150W	200W
Power Supply	LIFUD			
Input Voltage	100-277VAC, 50 / 60 Hz			
Power Factor	>0.95			
Surge Protection	4kV line-line, 6kV line-earth			
Driver Type	Constant Current (CC)			
Control	Microwave Motion Sensor, PIR sensor			
	Dimmable			
	Beam Angle & Power Selectable			

Optic Information

LED Type	LED 2835			
Luminous Flux (±10%)	15000lm	18000lm	22500lm	30000lm
Efficacy (5000K Ra80)	150lm/w			
Correlated Color Temperature	3000K, 4000K, 5000K			
Color Rendering Index	Ra70 (Ra80 optional)			
Beam Angle	H00176		H00175	
UGR level	N/A			

Dimensions and Mounts

Product Dimension	φ269x181mm		φ295x181mm	φ295x187mm
Luminaire Net Weight	2.3±0.3kg		3.0±0.3kg	3.5±0.3kg
Export Carton Size	330x330x180mm		360x360x190mm	
Gross Weight	3.3±0.3kg		4.0±0.3kg	4.6±0.3kg
Mounting Option	Hook Mount			
	U-Bracket Mount			
Material	Aluminum alloy			
	Polycarbonate optical lens			
Finish	Powder Coating			
Fixture Color	Black (RAL9017)			
EPA	NA			
IK Rating	IK08			
IP Rating	IP65			

Lifespan and Warranty

Operating Temperature	-22°F to 122°F
Life Time of LED @Ta=25°C	31000Hrs-L90
	64000Hrs-L80
	101000Hrs-L70
Warranty	5 Years

Description

TK7 has an efficacy of 150 lm/W, 200W/150W/120/100W full wattage range. Three heat sinks including large, medium, and small, which allows us to be more competitive in cost. Optic lens 60°/85°/105° adjustable, 3000K 4000K 5000K adjustable as well, making it very much advantageous.

Key Features

- Power selectable
- Beam angle & Power selectable
- Built-in sensor
- Various accessories are available
- IP65 & IK08

Applications

- Industrial and commercial facilities

Safety Certifications

Luminaire (UL 1598:2021 Ed.5)
Luminaire (CSA C22.2#250.0:2021 Ed.5)

Photometry

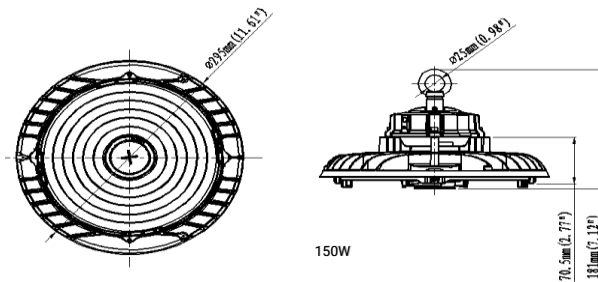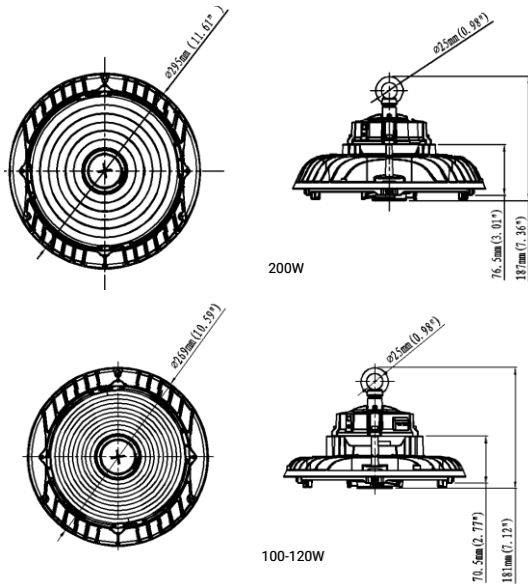**100W/120Wbeam angle**

(H00176)
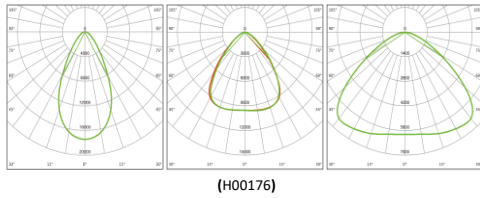
150W/200W beam angle

(H00175)
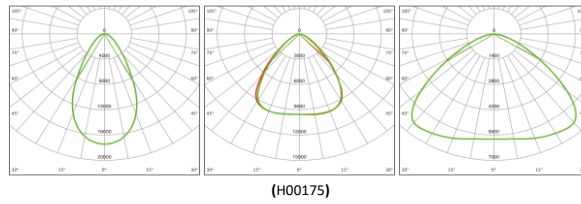
Mounting Options

Hook Mount

U-Bracket Mount

Dimensions

Unit: mm

200W

150W

100-120W

Accessories

Optic lens
High transmittance PC materials,
UV test approval.

Code: please refer to **Photometry** for different
beam angle.

Aluminium reflectors
Different beam angle, anti glare effect, black/silvery color options.

100W/120W:
Code: H00D59 (90°)
150W/200W:
Code: H00D02 (90°), H00D04 (110°), H00D03 (65°)

PC reflectors
90° PC reflector with lid.

150W/200W:
Code: H00C01A+H00C01B

±60° adjustable bracket
SPCC materials with outdoor
powder coating.

Code: BC-H38-01 (100-200W)

PIR sensor
PC
Φ61.4*28mm

Code: HD07VR-MH

Microwave sensor
PC
Φ52*20mm

Code: SR-H30-01

Safety chain
304 stainless steel, available for
0.25m, 1m, 1.5m and 5m long.

Code: SC-H01-01a

Big Shine LED
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