Tunable CCT
LED UFO Highbay Light

Product Appearance

RTIFIED
AFETY US
E470607

FC

DLC LISTED PREMIUM

5 Years warranty

DIMMERS

3000K 5000K
CCT TUNABLE

CE

RoHS COMPLIANT

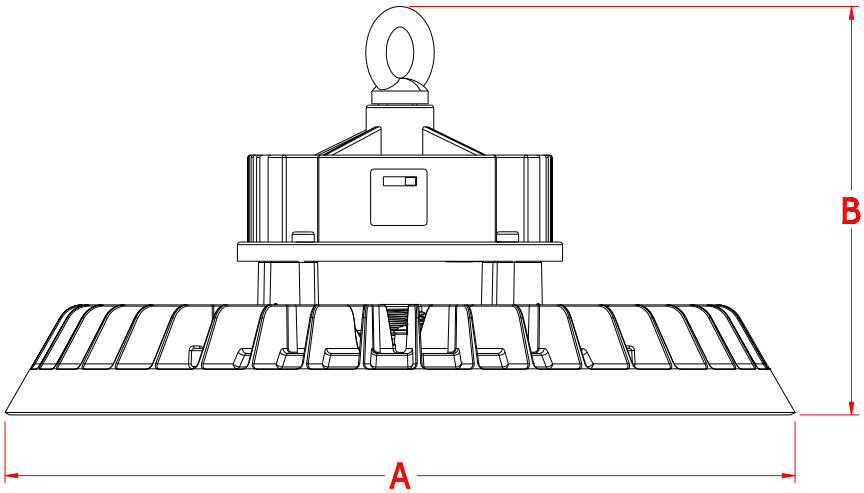
IP65

IK09

Product Features

- 1. DIP Switch: 3 different Power Tunable
- 2. Certification: UL, DLC
- 3. Color: black
- 4. Wire length: 6FT
- 5. Workable height： 6M-12M
- 6. Lighting angle: 60°, 90°, 120° optional
- 7. Accessories: photocell sensor, photocell sensor + microwave sensor, emergency backup battery, reflector optional
- 8. With high transmittance of PC lens
- 9. Die-casting radiator with excellent heat dissipation, overall power-der-coated and trough 2000hrs' salt spray testing
- 10. Using the appropriative water-proof connector and silicone ring to seal, protecting level reaching IP65, suitable for different kinds of outdoor harsh working environment.

Product Dimension



Model	A (inch)(mm)	B (inch)(mm)
	253mm (9.96″)	154mm (6.06″)
	308mm (12.13″)	160mm (6.30″)
	308mm (12.13″)	160mm (6.30″)
	354mm (13.94″)	165mm (6.50″)

Specification

Model	Power	Input Voltage	Dimmable	Lumens	Luminous Efficiency	PF	Ra	CCT
HU-100W-D1CS40U	100W	AC100-277	0-10V	17,000 lm	170lm/w	>0.9	80	4000K-5700K
HU-150W-D2CS40U	150W	AC100-277	0-10V	25,500 lm	170lm/w	>0.9	80	4000K-5700K
HU-200W-D2CS40U	200W	AC100-277	0-10V	34,000 lm	170lm/w	>0.9	80	4000K-5700K
HU-240W-D3CS40U	240W	AC100-277	0-10V	40,800 lm	170lm/w	>0.9	80	4000K-5700K

GENERAL INFORMATION

Driver included	Yes
CE mark	Yes
RoHS compliant	Yes
Safety features	Open circuit protection Short circuit protection Overvoltage protection
Testing standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)

HOUSING AND FINISH

Housing	Aluminium
Optic	Polycarbonate
Protector	Polycarbonate (with integrated lenses)
Housing finish	Electrostatic polyester powder coating
Standard colour(s)	RAL 9017 black
Tightness level	IP 65
Impact resistance	IK 09

OPERATING CONDITIONS

Operating temperature range (Ta)	-30°C to + 45°C
Operating Humidity	10-90%RH
Mounting Option	Loop Hanging Bracket Mounting
Warranty	5 years

Performance

Power	100W/150W/200W/240W
Efficacy	170lm/W
Power Efficiency	≥93%
Start Time	≤0.2S
Warm-up time to 60%	0.5S

ELECTRICAL INFORMATION

Electrical class	Class I EU
Nominal voltage	120-277V | 50/60Hz
Power factor (at full load)	0.9
Surge protection options (kV)	6KV-Line-Line 6KV-Line-Earth
Electromagnetic compatibility (EMC)	EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015
Control protocol(s)	1-10V, DALI2 (optional)
Sensor	Motion sensor (optional)
Emergency	Optional auxiliary battery
Total Harmonic Distortion(THD)	IEC 61000-3-2 Class C <20%
Driver Type	Constant current(CC)

For fixed Class 1 luminaires, overvoltage protective devices which comply with IEC 61643-11 shall be disconnected from the circuit.

withstand voltage	1.5KV 60S 10mA

OPTICAL INFORMATION

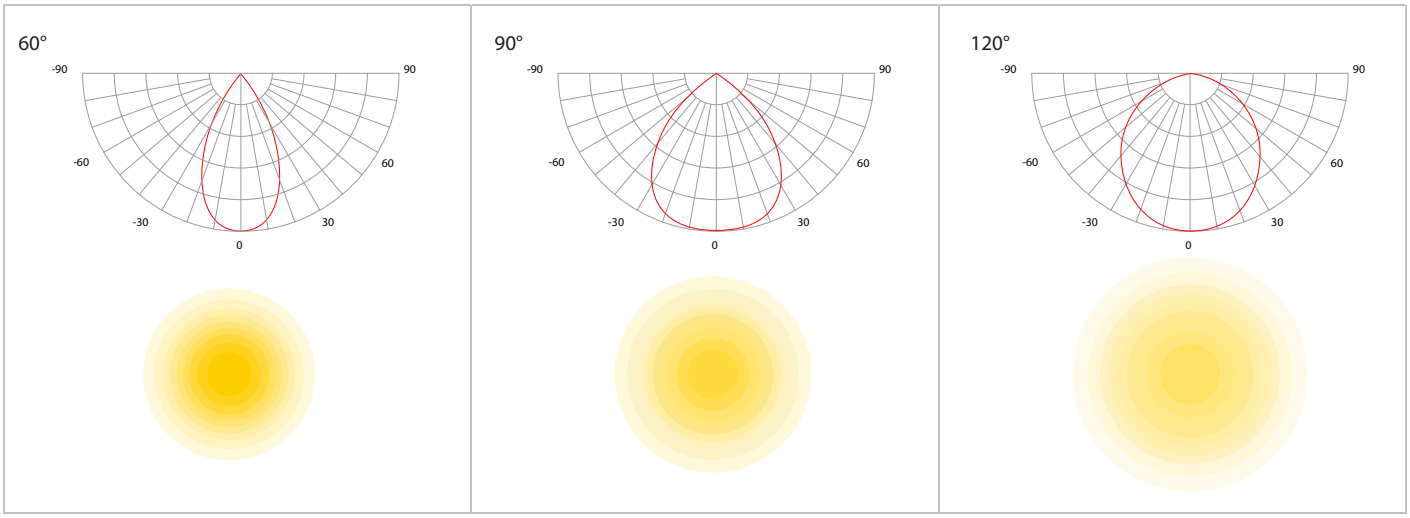
LED Type	SMD2835
Beam Angle	60° / 90° / 120°
Recommended installation height	4m to 12m
Color Tolerance	Ra70 ≤7 Ra80 ≤5
LED colour temperature	3000K / 4000 K / 5000K / 5700K / 6500K
Colour rendering index (CRI)	CRI>70 standard CRI>80 optional
Upward Light Output Ratio (ULOR)	0%

※Ra measurement tolerance is ±2.

LIFETIME OF THE LEDS @ TA 25°C

All configurations	
L70B10	>100,000h
L80B10	>50,000h
L90B10	>30,000h
Switching Cycles	>100,000 times

Light Distributions



Optional Accessories

Philips Led Driver

Sosen Led Driver

Lifud Led Driver

60°/90° PC Lenses

120° PC Lenses

120° Tempered Glass

Alum Reflector (Standard)

Alum Reflector (Tall)

PC Reflector

Universal Rotatable Bracket

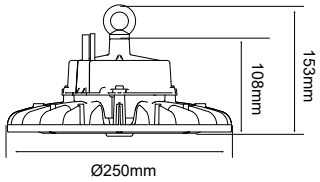
Sensor

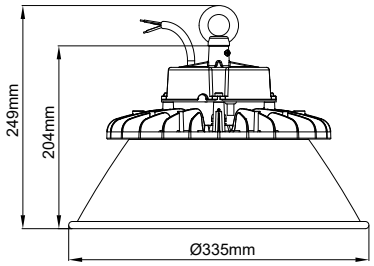
Safety Chain

Safe Guard

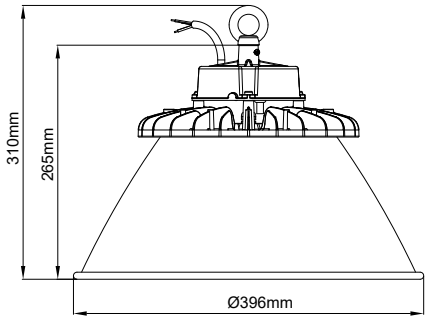
Product dimensions

100W



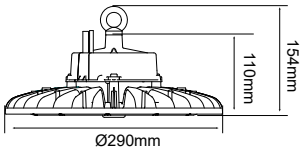


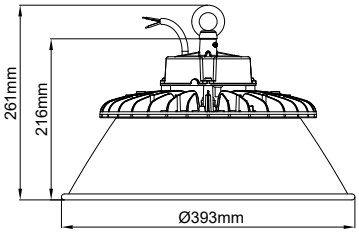
Universal Reflector



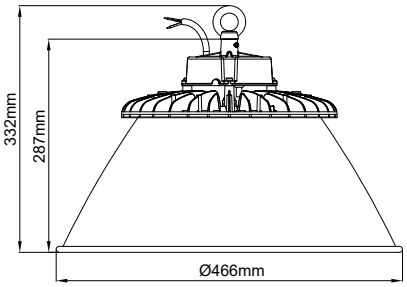
Tall Reflector

150W



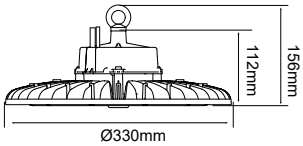


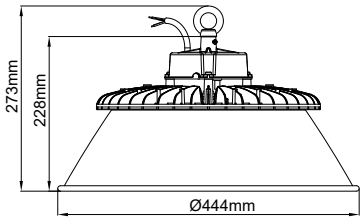
Universal Reflector



Tall Reflector

200W





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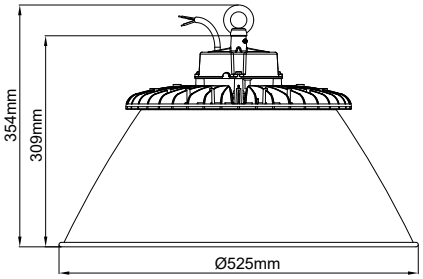
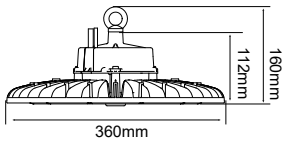
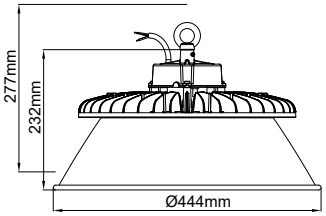


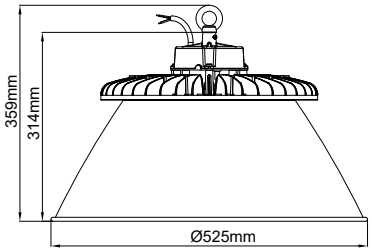
Tall Reflector

240W





Universal Reflector



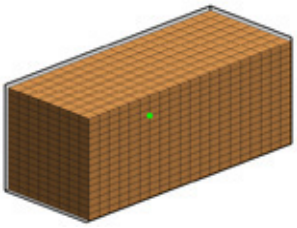
Tall Reflector

Packaing

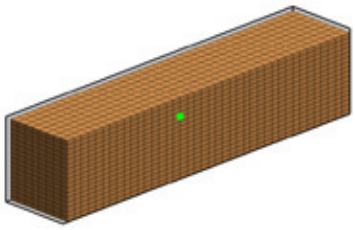
PACKAGING

POWER	PACKAGE SIZE	QTY/CTN	SINGLE PIECE VOLUME	NET WEIGHT	GROSS WEIGHT	20GP	40HQ
100W	L300*W300*H160mm	1PCS/CTN	0.0144m ^{3}	1.7kg	2.3kg	2280pcs	5168pcs
150W	L350*W350*H160mm	1PCS/CTN	0.0196m ^{3}	2.0kg	2.7kg	1550pcs	3520pcs
200W	L380*W380*H165mm	1PCS/CTN	0.0238m ^{3}	2.4kg	3.2kg	1350pcs	3003pcs
240W	L410*W410*H170mm	1PCS/CTN	0.0286m ^{3}	2.9kg	3.8kg	1064pcs	2369pcs

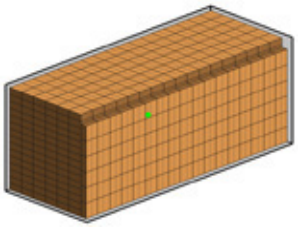
2280PCS
100W/20GP



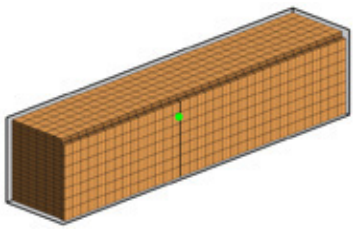
5168PCS
100W/40HQ



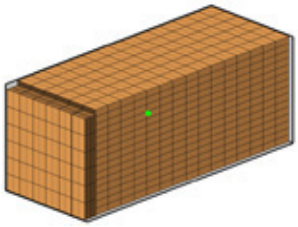
1550PCS
150W/20GP



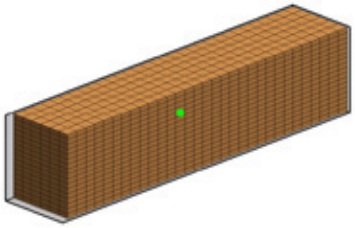
3520PCS
150W/40HQ



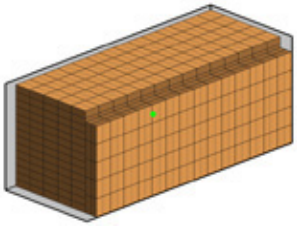
1350PCS
200W/20GP



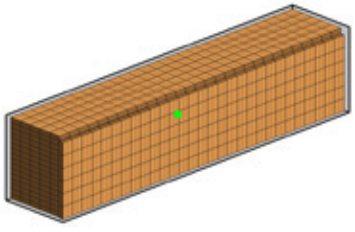
3003PCS
200W/40HQ



1064PCS
240W/20GP



2369PCS
240W/40HQ



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