



Since 1993



UFO-F

LED High Bay Light

This newly designed UFO-F series LED high bay has the most cost-effective quality and the best-in-class efficiency level - up to 150 lumens per watt for standard unit (max. 170 lumens per watt).

CE CB



OVERSEA LIGHTING & ELECTRIC (M) SDN. BHD. (272782-K)

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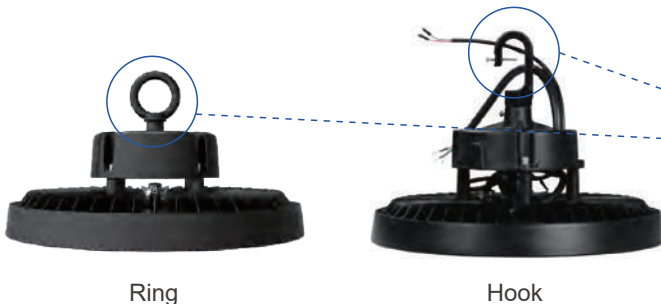


Since 1993

Details Display.



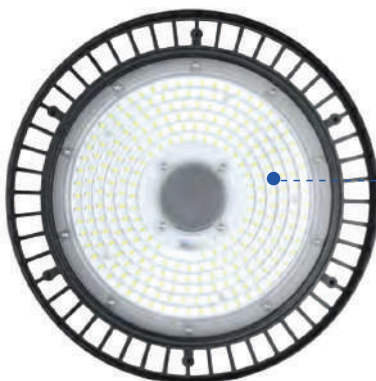
- ▶ Standard unit comes without sensor. Sensor can be optional if required.



- ▶ Hanging ring and hook optional, suitable for pendant mount.



- ▶ Professional fin-shaped die-cast aluminum heat sink, excellent heat dissipation.



- ▶ Lens made of anti-UV PC optical material, great impact resistance with IK09 certified, high visual comfort and uniform lighting distribution.



Technical Parameter

• Electrical

Model	U-100W F0DXXYYYY	U-100W F1DXXYYYY	U-150W F1DXXYYYY	U-150W F2DXXYYYY	U-200W F2DXXYYYY	U-200W F3DXXYYYY	U-240W F3DXXYYYY
Power (Tunable) Tolerance: $\pm 10\%$	100/80/50W	100/80/50W	150/100/80W	150/100/80W	200/150/100W	200/150/100W	240/200/150W
Input Voltage	AC200-240V						
Input Frequency	50/60Hz						
Power Factor	> 0.95						
Surge Protection	6kV						

• Optical

Model	U-100W F0DXXYYYY	U-100W F1DXXYYYY	U-150W F1DXXYYYY	U-150W F2DXXYYYY	U-200W F2DXXYYYY	U-200W F3DXXYYYY	U-240W F3DXXYYYY
Lumens (lm) @150 lm/W	15,000/12,000/ 7,500	15,000/12,000/ 7,500	22,500/15,000/ 12,000	22,500/15,000/ 12,000	30,000/22,500/ 15,000	30,000/22,500/ 15,000	36,000/30,000/ 22,500
Lumens Per Watt Tolerance: ±10%	150 (standard); 170 (optional)						
CCT (Tunable)	2700K-6500K (Non tunable)			2700K-6500K (tunable CCT can be customized)			
CRI	70						
Beam Angle	60°/90°/110°						
Dimming	0-10V dimming						
Sensor	Standard unit comes without sensor. Sensor can be optional if required.						
Lumen maintenance	Up to 70% (L70) at 50,000 hours@25°C						

• Environmental

Model	U-100W F0DXXYYYY	U-100W F1DXXYYYY	U-150W F1DXXYYYY	U-150W F2DXXYYYY	U-200W F2DXXYYYY	U-200W F3DXXYYYY	U-240W F3DXXYYYY
Ambient Temperature	-40°C to +50°C (-40°F to +122°F)						

• Mechanical

Model	U-100W F0DXXYYYY	U-100W F1DXXYYYY	U-150W F1DXXYYYY	U-150W F2DXXYYYY	U-200W F2DXXYYYY	U-200W F3DXXYYYY	U-240W F3DXXYYYY
Housing	Die-cast aluminum						
Diffuser	Anti-UV polycarbonate optical material						
Screws	Stainless steel SUS304						
Fixture Color	RAL9005 Black (standard)						
Mounting	Top mounting, Chain mounting, Connecting rod mounting						
Protection	IP65/IK09/120 hours salt spray						
Protection Class	Class I						
Blue Light Risk Group	RG1						
Outlet Length	Default 0.3 meters. Other length can be customized.						
Compliance	CB / CE / UL1598						
Warranty	5 years						



Product Dimension (Unit: mm)

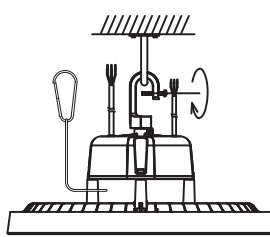
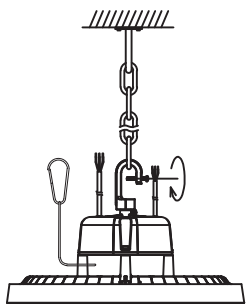
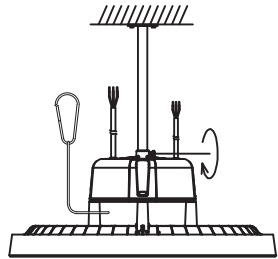
Size Table

Model	Power (Maximum)	Ø D (tolerance: ±5mm)	H (tolerance: ±5mm)
UFO-F0	100/80/50W	238mm (9.37")	130mm (5.12")
UFO-F1	100/80/50W or 150/100/80W	255mm (10.04")	135mm (5.31")
UFO-F2	150/100/80W or 200/150/100W	300mm (11.81")	138mm (5.43")
UFO-F3	200/150/100W or 240/200/150W	365mm (14.37")	138mm (5.43")

Packing Information

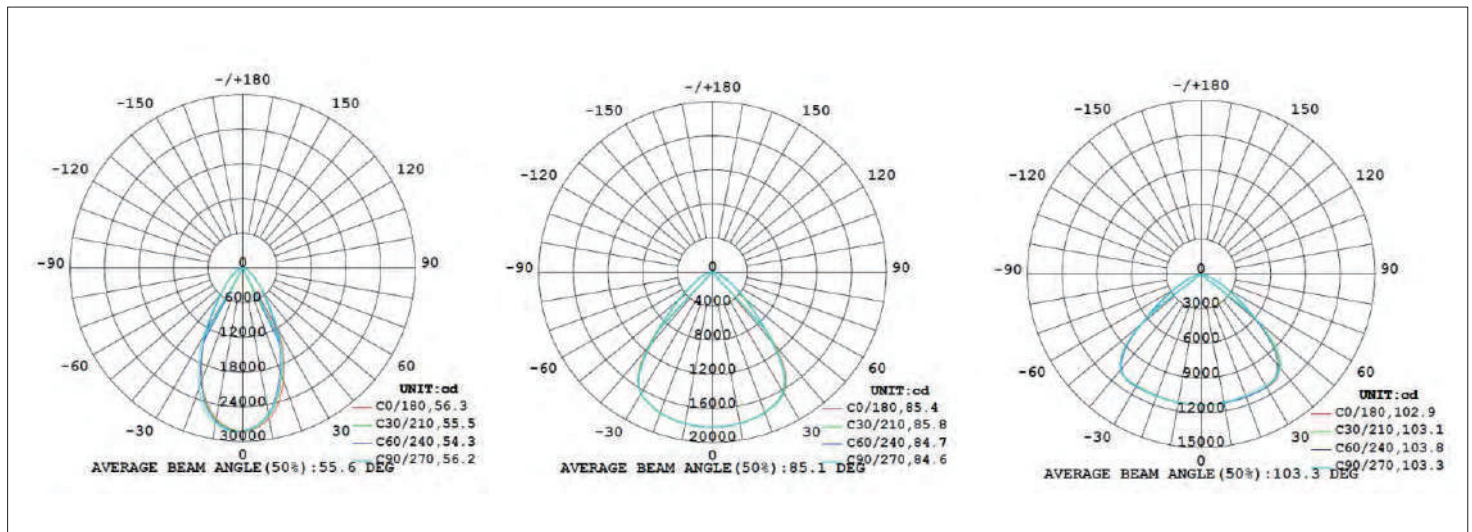
Model	Net Weight (tolerance: ±0.3kg)	Gross Weight (tolerance: ±0.3kg)	Quantity/Carton	Package Dimensions (LxWxH) (tolerance: ±5mm)
UFO-F0	1.4 kg/3.09 lb	1.8 kg/3.97 lb	1 pc	250x250x160mm/9.84x9.84x6.30inch
UFO-F1	1.6 kg/3.53 lb	2.1 kg/4.63 lb	1 pc	300x300x165mm/11.81x11.81x6.50inch
UFO-F2	1.9 kg/4.19 lb	2.4 kg/5.29 lb	1 pc	335x335x165mm/13.19x13.19x6.50inch
UFO-F3	2.3 kg/5.07 lb	3.2 kg/7.05 lb	1 pc	410x410x170mm/16.14x16.14x6.69inch

Installation

1. Top Mount	2. Chain Mount	3. Connecting Rod Mount
		



Photometry



Ordering Guide (based on CB certificate)

U - **AAA** **W** **Fx** **D** **XX** **YYYY**

1 2 3 4 5

1. Product Categories	2. Rated Power	3. Shell Shape Series	4. Color Temperature (CCT)	5. Beam Angle
U = UFO high bay light	F0: 050=50W, 080=80W, 100=100W F1: 050=50W, 080=80W, 100=100W, 150=150W F2: 080=80W, 100=100W, 150=150W, 200=200W F3: 100=100W, 150=150W, 200=200W, 240=240W	F0 F1 F2 F3	27=2700K, 30=3000K, 35=3500K 40=4000K, 45=4500K, 50=5000K 55=5500K, 60=6000K, 65=6500K	D060 = 60° D090 = 90° D110 = 110°
Example: U-100W F1D40D110				
U	100W	F1	40	D110
UFO high bay light	Rated Power 100W	F1 shell shape	CCT 4000K	Beam angle 110°

Applications

- ✓ Workshop
- ✓ Warehouse
- ✓ Exhibition hall
- ✓ Garage
- ✓ Shipyard
- ✓ Stadium
- ✓ Indoor court
- ✓ Factory
- ✓ Retail
- ✓ Shopping mall

