Pan American
Professional Lighting Manufacturer



UFO-F

LED High Bay Light

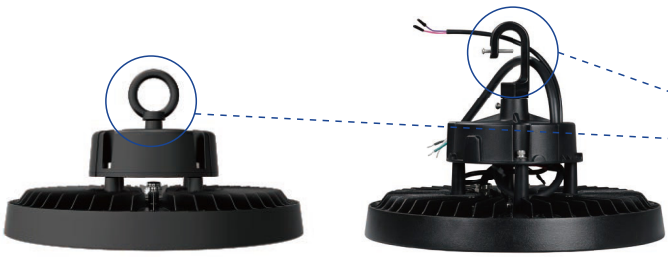
This newly designed UFO-F series LED high bay has the most cost-effective quality and the best-in-class efficiency level - up to 150 lumens per watt for standatd unit (max. 170 lumens per watt).

CE CB

Details Display.



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

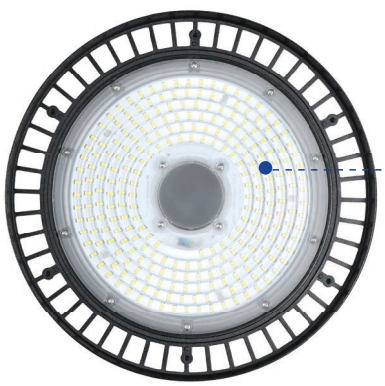


Ring Hook

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.

IP 65 IK09 DIMMABLE 5 years warranty 150 lm/W

Web: www.panamericanelectronics.com E-mail: sales@panamericanelectronics.com

Add: Building 6, Zhongtang Tian'an Digital City, No. 88 Jinyuan Road, Zhongtang Town, Dongguan, Guangdong . Zip code 523220

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Technical Parameter

- Electrical

Model	U-100W F1DXXYYYY	U-150W F1DXXYYYY	U-150W F2DXXYYYY	U-200W F2DXXYYYY	U-200W F3DXXYYYY	U-240W F3DXXYYYY
Power (Tunable) Tolerance: ±10%	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 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	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%	150lm/W (standard); 170lm/W (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

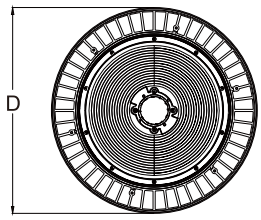
Model	U-100W F1DXXYYYY	U-150W F1DXXYYYY	U-150W F2DXXYYYY	U-200W F2DXXYYYY	U-200W F3DXXYYYY	U-240W F3DXXYYYY
Ambient Temperature	-40°C to +45°C (-40°F to+113°F)					

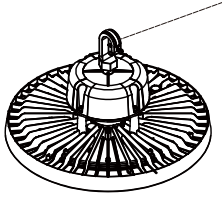
- Mechanical

Model	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					

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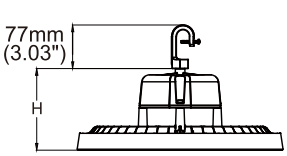
Product Dimension (Unit: mm)

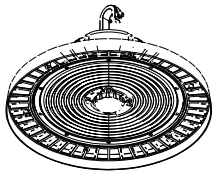




The hook can be replaced with hanging ring.







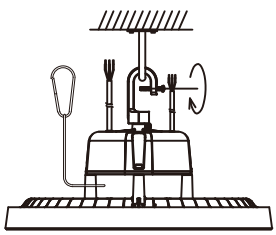
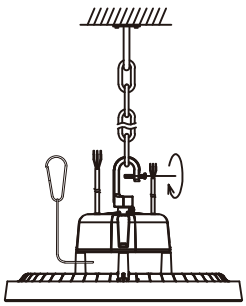
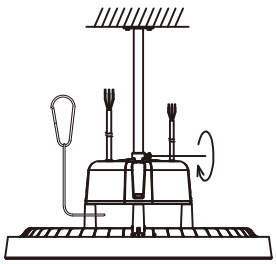
Size Table

Model	Power (Maximum)	∅D (tolerance: ±5mm)	H (tolerance: ±5mm)
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-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

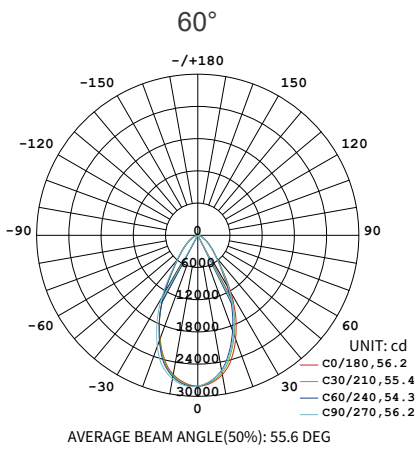
Installation

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

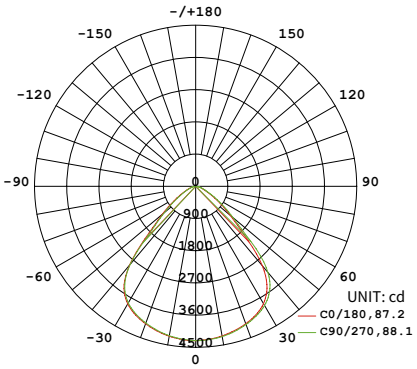
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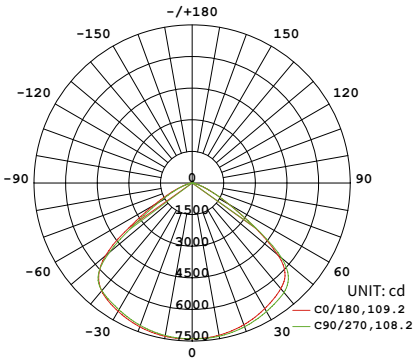
Photometry



AVERAGE BEAM ANGLE(50%): 55.6 DEG



AVERAGE BEAM ANGLE(50%): 87.7 DEG



AVERAGE BEAM ANGLE(50%): 108.7 DEG

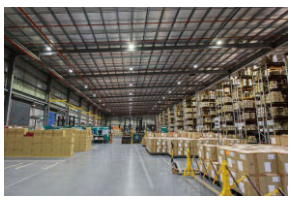
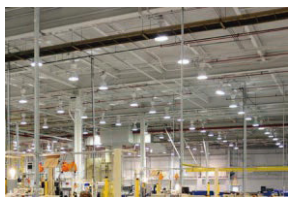
Ordering Guide (based on CB certificate)

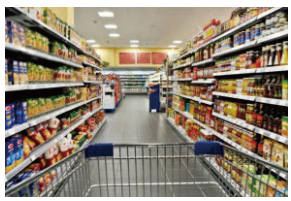
U	-	AAA	W	Fx	D	XX	YYYY
1		2		3		4	5

1. Product Categories	2. Rated Power	3. Shell Shape Series	4. Color Temperature (CCT)	5. Beam Angle
U = UFO high bay light	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	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



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