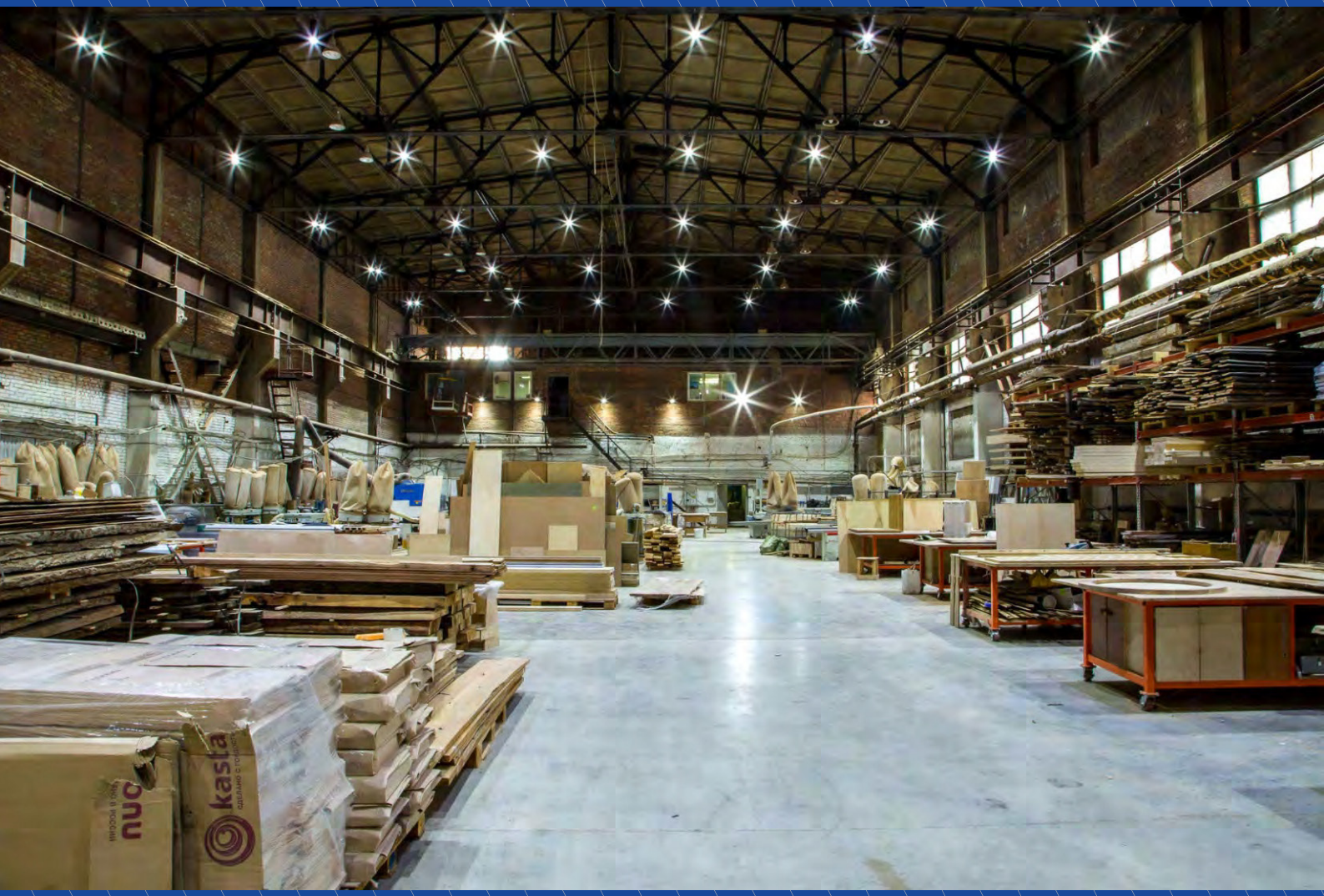
Durable Solution Designed for Industrial Lighting



LED High Bay

UFO-F Series

Pan American

Professional lighting manufacturer



Product Description

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).

Professional construction design comes with integral die-cast aluminum heat sink, optical-grade PC lens, and electronic circuit design with series and parallel connection.

Safety standard IP65 rating and excellent impact resistance level up to IK09 make it ideal for use in both industrial and commercial locations, such as workshop, warehouse, store, indoor court, etc.

Features

Performance:

- Field power selectable.
- CCT tunable (can be customized).
- High luminous efficacy - standard 150 lm/W, maximum 170 lm/W.
- 0-10V dimming.
- Motion sensor is optional.

Finish:

- Corrosion-resistant and high temperature resistant black finish.

Lens:

- Clear polycarbonate lens protects LEDs.

Installation:

- Heavy duty hook provided for connection to customer-supplied suspension.

Lumen maintenance:

- Up to 70% (L70) at 50,000 hours@25°C

Compliance

IP65
IK09
120 hours salt spray
6kV surge protection



Application

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





Warranty

5-year design lifespan

LED lumen maintenance: L70> 50,000 operation hours@25°C

Technical Parameter

• Electrical

Specification	U-100W F1DXXYYYY	U-150W F1DXXYYYY	U-150W F2DXXYYYY	U-200W F2DXXYYYY	U-200W F3DXXYYYY	U-240W F3DXXYYYY	U-300W F4DXXYYYY*
Power (Tunable)	100/80/50W	150/100/80W	150/100/80W	200/150/100W	200/150/100W	240/200/150W	300/240/200W
Input Voltage	AC120-277V						
Input Frequency	50/60Hz						
Power Factor	> 0.95						
Surge Protection	6kV						

• Optical

Specification	U-100W F1DXXYYYY	U-150W F1DXXYYYY	U-150W F2DXXYYYY	U-200W F2DXXYYYY	U-200W F3DXXYYYY	U-240W F3DXXYYYY	U-300W F4DXXYYYY*
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	45,000/36,000/ 30,000
Lumens Per Watt	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.						

*Note: Model with * cannot be installed with sensor, and 60° and 110° beam angles are not available.*

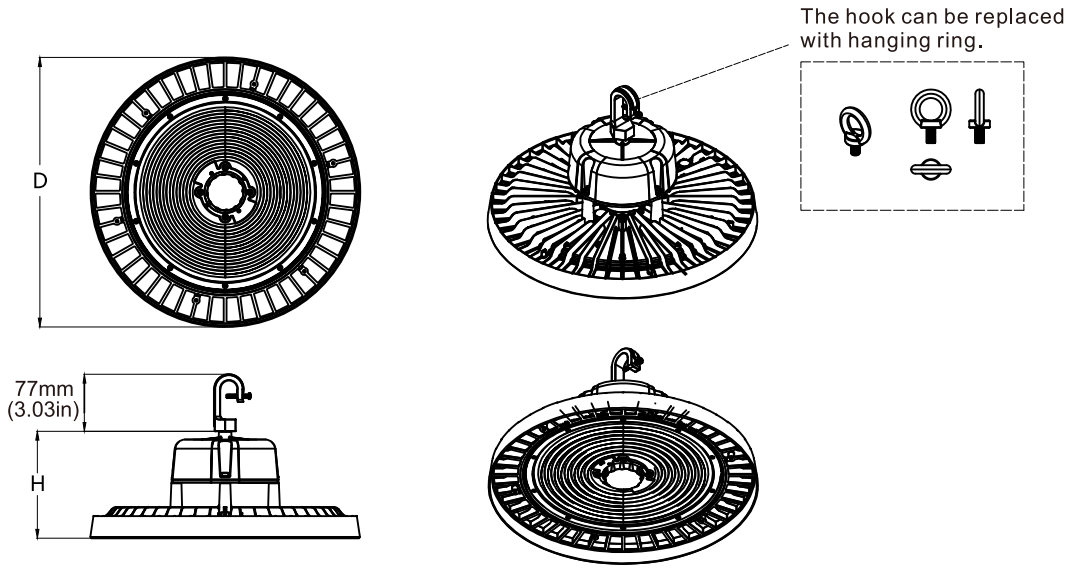
• Environmental

Specification	U-100W F1DXXYYYY	U-150W F1DXXYYYY	U-150W F2DXXYYYY	U-200W F2DXXYYYY	U-200W F3DXXYYYY	U-240W F3DXXYYYY	U-300W F4DXXYYYY*
Ambient Temperature	-40°C to +45°C (-40°F to +113°F)						

• Mechanical

Specification	U-100W F1DXXYYYY	U-150W F1DXXYYYY	U-150W F2DXXYYYY	U-200W F2DXXYYYY	U-200W F3DXXYYYY	U-240W F3DXXYYYY	U-300W F4DXXYYYY*
Housing Material	Die-cast aluminum						
Diffuser	Anti-UV polycarbonate optical material						
Screws	Stainless steel SUS304						
Fixture Color	RAL9005 Black (standard)						
Protection	IP65/IK09/120 hours salt spray						
Mounting	Top mounting, Chain mounting, Connecting rod mounting						
Outlet Length	Default 0.3 meters. Other length can be customized.						

Product Dimensions



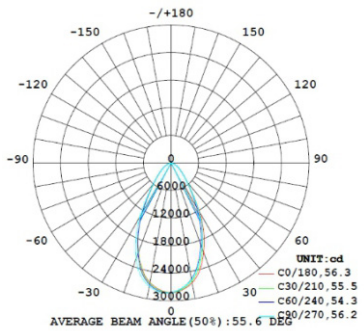
Size Table

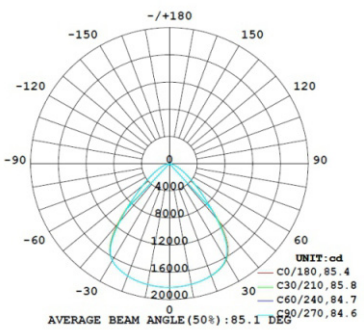
Model	Power (Maximum)	∅D	H
UFO-F1	100/80/50W or 150/100/80W	255mm (10.04in)	135mm (5.31in)
UFO-F2	150/100/80W or 200/150/100W	300mm (11.81in)	138mm (5.43in)
UFO-F3	200/150/100W or 240/200/150W	365mm (14.37in)	138mm (5.43in)
UFO-F4	300/240/200W	385mm (15.16in)	153mm (6.02in)

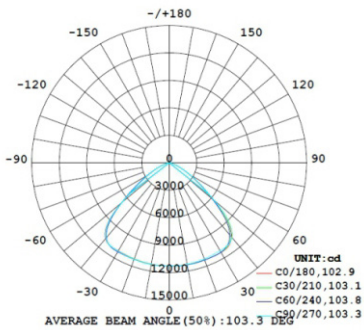
• Packing Information

Model	Net Weight	Gross Weight	Quantity/Carton	Package Dimensions (LxWxH)
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
UFO-F4	3.2 kg/7.05 lb	4.4 kg/9.70 lb	1 pc	425x425x185mm/16.73x16.73x7.28inch

Photometric







Ordering Guide

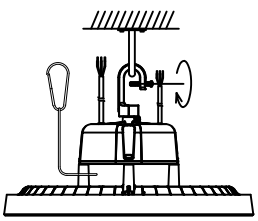
U	-	xxxW	Fx	D	XX	YYYY
1		2	3	4	5	6

1. Product Categories	2. Wattage (Tunable)	3. Shell Shape Series
UFO Light	F1: "100W"=100/80/50W; "150W"=150/100/80W F2: "150W"=150/100/80W; "200W"=200/150/100W F3: "200W"=200/150/100W; "240W"=240/200/150W F4: "300W"=300/240/200W	"Fx" Can be: F1/F2/F3/F4

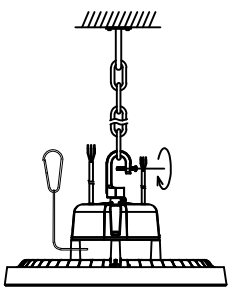
4. Dimming Option	5. Color Temperature	6. Beam Angle
D = Dimmable	"XX" can be: 27 = 2700K, 65 = 6500K, ...	D60 = 60°, D90 = 90°, D110 = 110°

Mounting Methods and Accessories

- Option 1: Top Mounting



- Option 2: Chain Mounting



- Option 3: Connecting Rod Mounting

