



HBUE SERIES

UFO HIGH BAY

INTRODUCTION

The FGE-HBUE Series High Bay is UL-listed for wet locations, featuring long-life, high-efficiency surface-mount LEDs with a 100,000-hour lifespan, backed by IES LM-80 results and TM-21 calculations for reliable performance in demanding environments.

It offers flexible power select options, with adjustable wattage across multiple configurations: 240W (240W/200W/150W), 200W (200W/150W/100W), 150W (150W/100W/80W), and 100W (100W/80W/50W), allowing precise adaptation to project needs.

It features 0-10V dimming, and an optional reflector is available to improve lighting efficiency by up to 20% and minimize light loss.

Housed in ADC12 die-cast aluminum with a standard black finish (customizable options available), the HUBE combines durability, versatility, and advanced lighting control for commercial and industrial applications.



FEATURES



Wattage Selectable: Multi-wattage options in a single fixture for flexible applications and reduced inventory.



Extended Lifetime: >100,000 hours (L70, TM-21), minimizing maintenance costs.



High Efficacy & Energy Saving: Up to 150 lm/W, reducing energy consumption by over 60% compared with HID fixtures.



Reliable Warranty: 5 Years Warranty.



Smart Control Ready: Compatible with 0-10V/1-10V dimming, optional microwave/infrared sensor, and emergency kit.

- Advanced Optical Design:

High-transmittance PC lens with 60° / 90° / 110° beam options, ensuring uniform illumination and glare reduction.

- Robust Protection:

IP65 waterproof & dustproof, IK08 impact resistance for harsh industrial environments.

- Superior Thermal Management:

ADC12 die-cast aluminum housing with optimized heat sink for reliable performance.

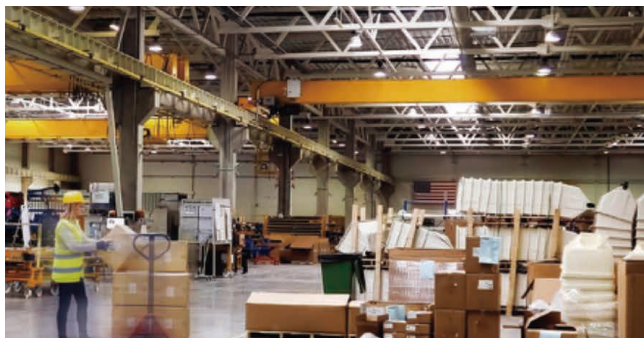
- Versatile Mounting Options:

Hook, pendant, and chain mounting for flexible installation.

- Wide Input Voltage:

AC120-277V, suitable for global power grids.

APPLICATIONS



Industrial Applications: Ideal for warehouses, factories, and logistics centers, delivering high-rack aisle lighting with exceptional uniformity and energy efficiency. Its durable, flicker-free design ensures safe, reliable illumination for demanding industrial operations, supporting productivity while reducing operational costs.

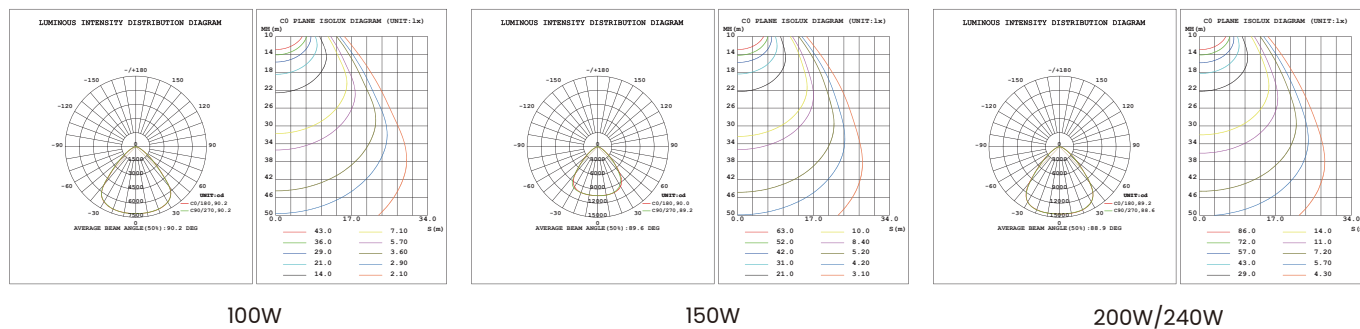


Commercial Applications: Perfect for exhibition rooms, supermarkets, and retail spaces, providing uniform, high-CRI lighting to enhance product displays and customer experiences. With low maintenance and 24/7 reliability, it creates comfortable, visually appealing environments while optimizing energy savings for commercial use.

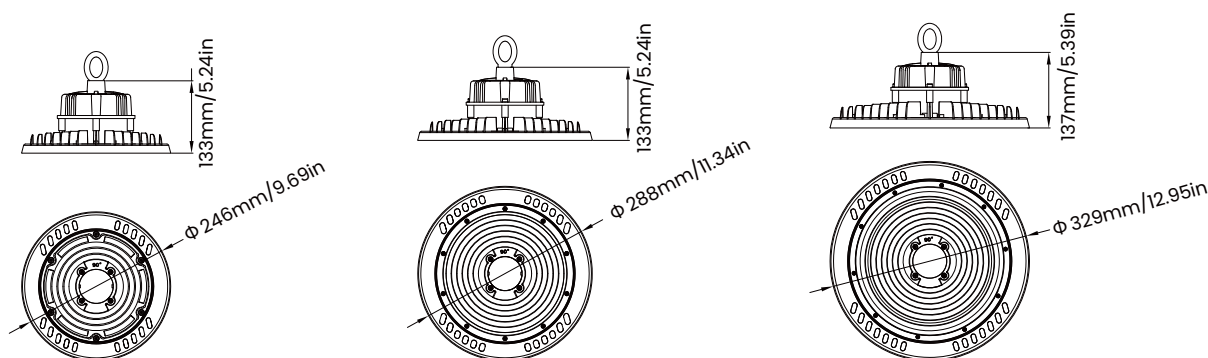
TECHNICAL PARAMETERS

Product Model	HBUE-100W	HBUE-150W	HBUE-200W	HBUE-240W
Electrical Performance				
Wattage Selectable	100W/80W/50W	150W/100W/80W	200W/150W/100W	240W/200W/150W
Input Voltage	AC120-277V	AC120-277V	AC120-277V	AC120-277V
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Power Factor (PF)	>0.95	>0.95	>0.95	>0.95
Surge Protection	6KV	6KV	6KV	6KV
THD	<15%	<15%	<15%	<15%
Optical Performance				
Luminous Efficacy	150lm/W	150lm/W	150lm/W	150lm/W
Luminous Flux	15000lm/12000lm/7500lm	22500lm/15000lm/12000lm	30000lm/22500lm/15000lm	36000lm/30000lm/22500lm
CCT	5000K	5000K	5000K	5000K
CRI	Ra>70	Ra>70	Ra>70	Ra>70
Beam Angle	60°/90°/110°	60°/90°/110°	60°/90°/110°	60°/90°/110°
Unified Glare Rating (UGR)	<28	<28	<28	<28
Reliability				
Lifetime	>100,000h	>100,000h	>100,000h	>100,000h
Operating Temperature	-40 ~ +45°C	-40 ~ +45°C	-40 ~ +45°C	-40 ~ +45°C
Storage Temperature	-40 ~ +70°C	-40 ~ +70°C	-40 ~ +70°C	-40 ~ +70°C
Ingress Protection	IP65	IP65	IP65	IP65
Impact Resistance	IK08	IK08	IK08	IK08
Control				
Dimming	0-10V/DALI	0-10V/DALI	0-10V/DALI	0-10V/DALI
Sensor	-	-	-	-
Communication Protocol	-	-	-	-
Emergency Kit	-	-	-	-
Mechanical				
Housing Material	ADC12 Die-cast Aluminum	ADC12 Die-cast Aluminum	ADC12 Die-cast Aluminum	ADC12 Die-cast Aluminum
Lens Material	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
Coating	Black	Black	Black	Black
Net Weight	1.5Kg	1.5Kg	1.8Kg	2.1Kg
Dimensions	Φ246mmx133mm	Φ246mmx133mm	Φ288mmx133mm	Φ329mmx137mm
Warranty	5 Years	5 Years	5 Years	5 Years

PHOTOMETRICS

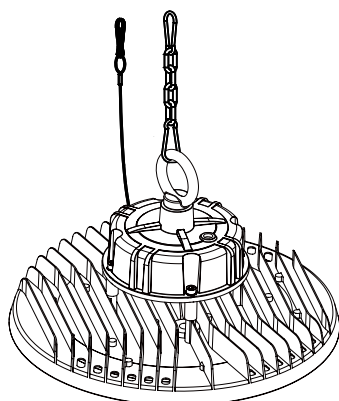


MECHANICAL DIMENSIONS



Product Model	HBUE-100W	HBUE-150W	HBUE-200W	HBUE-240W
Wattage Selectable	100W/80W/50W	150W/100/80W	200W/150W/100W	240W/200W/150W
Outer box (L*W*H)	290x290x147mm (11.42"x11.42"x5.79")	290x290x147mm (11.42"x11.42"x5.79")	323x323x155mm (12.72"x12.72"x6.10")	366x366x155mm (14.41"x14.41"x6.10")
Qty/Ctn	1pc	1pc	1pc	1pc
N.W./Ctn	1.5kg/3.31lbs	1.5kg/3.31lbs	1.8kg/3.97lbs	2.1kg/4.63lbs
G.W./Ctn	2.0kg/4.41lbs	2.0kg/4.41lbs	2.3kg/5.07lbs	3.0kg/6.61lbs
Remarks	0.3M cable	0.3M cable	0.3M cable	0.3M cable

INSTALLATION



Ceiling with Loop



ORDER INFORMATION

HBUE-YY-YY-YY-Y

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① HBUE Series UFO High Bay

② Wattage

100W	100W/80W/50W
150W	150W/100W/80W
200W	200W/150W/100W
240W	240W/200W/150W

③ Color Temperature

50K	5000K
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④ Voltage

(Blank)	120-277V
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⑤ Dimmable

D	0-10V Dimming
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⑥ Optics

N	60°
M	90°
W	110°

⑦ Options

(Blank)	0.3M cord
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WARRANTY PERIOD
**5 YEARS
WARRANTY**



WARRANTY COVERAGE
**LED LIGHT SOURCE,
DRIVER**



AFTER-SALES
SERVICE COMMITMENT
24H RESPONSE



AFTER-SALES
SERVICE COMMITMENT
72H RESOLUTION/REPLACEMENT