



UFO GEN V

LED High Bay Light

Up to 180lm/W - 100w/150w/200w



Dimming
Control



DALI
Control



Microwave
Sensor



RoHS

5
Years
Warranty

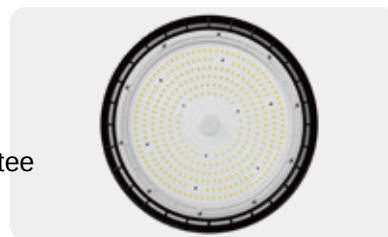
Version:1.3
2023-08

APPLICATIONS

- ✓ Warehouse
- ✓ Supermarket
- ✓ Workshop
- ✓ Exhibition hall

FEATURES

- ✓ Patented product.
- ✓ Unique mold design improves product performance, cost-effectiveness and market competitiveness.
- ✓ Fast heat dissipation and good performance with high-quality the-cast aluminum radiator.
- ✓ Special materials of radiator give support of no rust, anti-corrosion, anti-oxidation and other characteristics, which can meet the requirements of different location.
- ✓ Unique cooling fin design not only increases the air convection space, but also meet the requirement of aesthetic.
- ✓ The circular power supply is installed externally, which can reduce the influence of luminaire radiation on power supply and effectively guarantee the lifetime of power supply.



Fast heat dissipation



Build-in sensor



PRODUCT DATA

General Information

LED Type	Lumileds 2835
Light Efficacy	130lm/W,140lm/W,145lm/W,150lm/W,180lm/W
CCT	4000K/5000K/6500K
CRI	70,80
LED Lifespan	119,000h@L70B50 75,000h@L80B50 35,000h@L90B50
Power Supply	PHILIPS/ Sosen/ Lifud
Type of Driver	Non-isolated
Driver efficiency	>90%
Protection class	IEC65
Warranty	5 Years Warranty
Certificate	CE, RoHS , ENEC

Application Conditions

Operating Temperature	-30C to +45C (with sensor) -30C to +50C (without sensor)
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Approval and Application

Ingress protection code	IP65
Mech.impact protection code	IK08
Surge protection	4KV/2KV

Light Distribution Curve



Operating and Electrical

Input voltage	220-240Vac/100-277Vac
Input Frequency	50/60Hz
Inrush current	-
Power Factor	> 0.95
THD	<10%

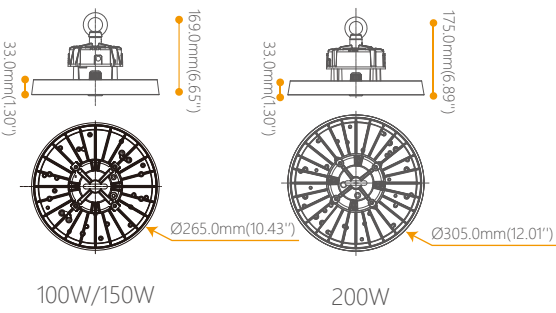
Mechanical and Housing

Structure Material	The casting ADC12
Finish Material	Powder coated
Lens Material	Polycarbonate
Bracket	Aluminum
Fixture Color	Matte Black
Mouting Option	Suspended/ Ceiling Mounted / Wall Mounted

Controls and Dimming

Dimmable	0-10V / 1-10V / DALI dimming
Intelligent Control	Occupancy / Dimming / DALI Microwave motion sensor & Photoreceptor sensor

Drawing



PRODUCT PARAMETER

Model Number	Power Consumption (±10%)	Input voltage	Light Efficiency	Luminous Flux (lm) (±10%)	Beam Angle	Correlated Color Temperature	LED Type	Driver Type
FK-IX100-090N-FU5	100W	220-240VAC 100-277VAC	130lm/W	12610lm 13000lm 12610lm	90deg	4000K 5000K 6500K	Lumileds 2835	PHILIPS/Sosen /Lifud
FK-IX150-090N-FU5	150W			18915lm 19500lm 18915lm				
FK-IX200-090N-FU5	200W			25220 lm 26000 lm 25220 lm				
FK-IX100-090N-FU5	100W	220-240VAC 100-277VAC	150lm/W	14550lm 15000lm 14550lm	90deg	4000K 5000K 6500K	Lumileds 2835	PHILIPS/Sosen /Lifud
FK-IX150-090N-FU5	150W			21825lm 22500lm 21825lm				
FK-IX200-090N-FU5	200W			29100lm 30000lm 29100lm				

3-Power in 1

FK-IX200-090N-FU5	110W	100-277VAC	150Lm/W	16500lm	90deg	4000K 5000K 6500K	Lumileds 2835	Lifud
	150W		145Lm/W	21750lm				
	200W		140Lm/W	28000lm				

PACKAGE

Item.	Luminaire Net Weight	Packing Info	Dimmension (Product) (mm)	Dimmension (outer carton) (mm)	GW (Outer carton)	20ft GP	40ft GP	40 HQ
100W	2.4kg±0.3kg	1pc/ctn without inner box	Ø265*169	L320*W320*H165	3.5 kg±0.3kg	1764 pcs	3626 pcs	4144 pcs
150W	2.7kg ±0.3kg		Ø265*169	L320*W320*H165	3.8 kg±0.3kg	1764 pcs	3626 pcs	4144 pcs
200W	2.9kg ±0.3kg		Ø305*175	L360*W360*H165	4.0 kg ±0.3kg	1744 pcs	2772 pcs	3234 pcs

ERP REQUIREMENT

Instant Full Light Dimmable	SDCM <5	Starting Time <0.5s	Switching Cycles 25,000times	Life Time 50,000h	L70B50 119,000h L80B50 75,000h L90B50 35,000h	Lumen Maintenance 97%
						
Horizontal Light Distribution Test	Intelligent Life Tester	Strobe Test	Integrating Sphere Spectrometer	8000h Life Time Test		

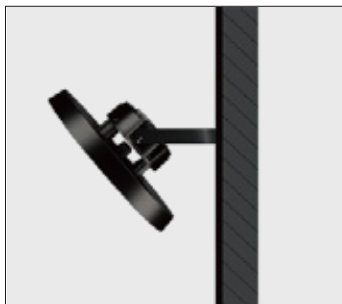
MOUNTING OPTIONS



Suspending



Ceiling Mounting



Wall Mounting

ACCESSORIES

Mounting Accessories



Safety Chain



± 45 Deg Bracket



Hanging Loop



Diameter of loop's