

LF22 High Bay Light



Products description and application

LF22 series high bay lights are mainly used in large space venues, such as factories, stadiums, hypermarkets, supermarkets, exhibition hall, buildings, and other indoor lighting. The light efficiency can reach 140lm/W, creating more value for customers.

Standard: IEC60598-2-5\IEC60068-2\IEC60529\IEC62262\EN55015

Certificate: CE



Features

- Integrated die-casting structure, metal lamp housing, high strength capacity.
- Hollow air duct design for efficient heat dissipation.
- Human-friendly light distribution, soft light, and uniform illumination.
- Anti-dust and water-proof design to reduce cleaning and maintenance cost.
- 60°\90° beam angle are optical.
- Various installation methods: Lifting mounting, Pipe mounting, Bracket mounting, etc.

General Specifications

Electrical		Mechanical	
Rated voltage	AC100V~AC240V	Body material	Aluminum alloy
Frequency	50Hz~60Hz	Cover material	PC
Rated power consumption	60W/100W/150W/200W	Safety wire material	SS
Power factor	>0.9	Operating temperature	Ta-30°C ~ +70°C
EMC	IEC61000-4-2	IP Rate	IEC60529 IP65
	CLASS 3	Anti-vibration	IEC60068-2-6 2G
	IEC61000-4-3	IK rate	IEC62262 IK04
	CLASS 3	Salt spray rate	ISO9227 240H
	IEC61000-4-4	Body color	Black
	CLASS 3	Weight	60W: 2kg
	IEC61000-4-5		100W: 2.8kg
	CLASS 3		150W: 3.9kg
	EN55015		200W: 4.7kg
Photometric			
LEDs life span	≥50000h		
Color temperature	Cold white: 5500K-6000K		
Lumen per Watt	Cold white: 140 lm/w		
CRI	Cold white: CRI≥70		
Beam angle	60W: 110°		
	Other: 60° \90° \120°		
		Warm white:2700K-3000K	
		Warm white:120 lm/w	
		Warm white: CRI≥80	

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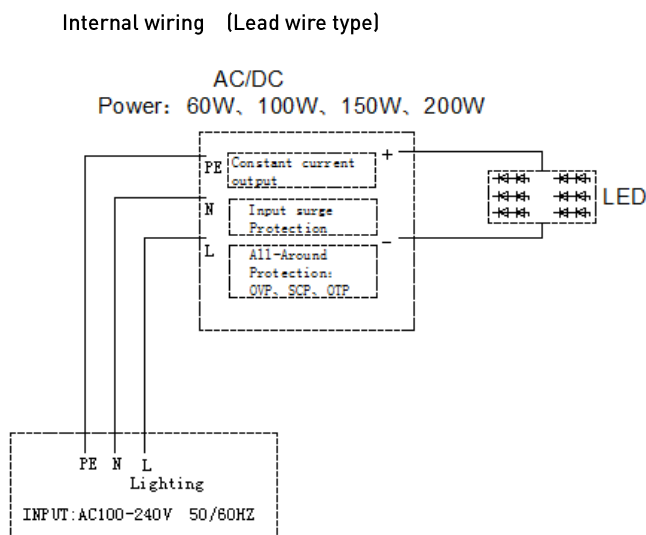
Mounting dimensions

Power	Rings installed	stent installation
60W		
100W		
150W		
200W		

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Wiring diagram



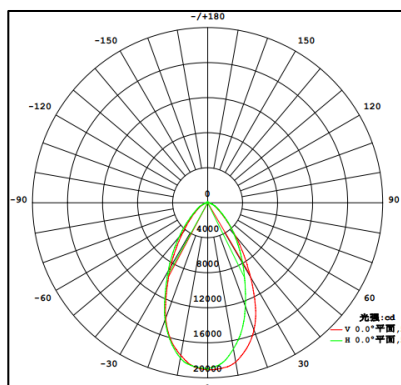
Caution

- It is normal phenomenon that the lighting surface temperature rising while it is operating.
- It is suggest the distance more than 3 meters between product and illuminated objective, prevent burns or fire.
- Do not cover the lamp with any objectives while the lamp is working.
- Turn off the power when repair or maintain the product, all wiring should be done by a licensed electrician.

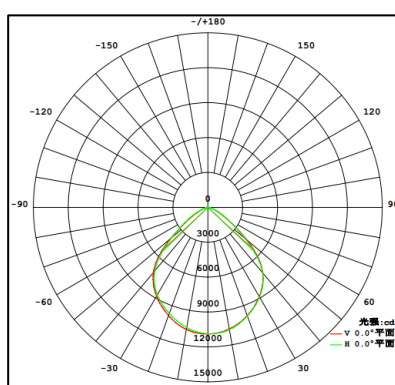
Installation and Operation

- Various installation methods: Lifting mounting, pipe mounting, bracket mounting and ensure mount surface is flat and has enough mechanical strength.
- Secure safety wire to suitable position, ensure the position has enough mechanical strength
- Connect cable L, N, PE to terminal blocks.
- Power on after checking the wiring, then the lamp can be worked.

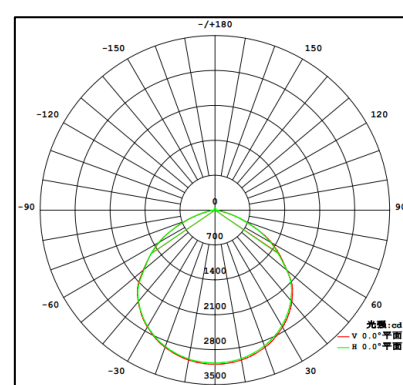
Light distribution curve



60°



90°



120°

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How to Order

P/N	Model	Power	Voltage	CCT	Beam angle	Wiring	Mount	Remark
1000376-001	LF22	60W	100-240VAC	2700K-3000K	110°	0.4m lead wire	Rings installed	
1000376-002	LF22	100W	100-240VAC	2700K-3000K	60°	0.4m lead wire	Rings installed	
1000376-003	LF22	150W	100-240VAC	2700K-3000K	60°	0.4m lead wire	Rings installed	
1000376-004	LF22	200W	100-240VAC	2700K-3000K	60°	0.4m lead wire	Rings installed	
1000376-005	LF22	100W	100-240VAC	2700K-3000K	90°	0.4m lead wire	Rings installed	
1000376-006	LF22	150W	100-240VAC	2700K-3000K	90°	0.4m lead wire	Rings installed	
1000376-007	LF22	200W	100-240VAC	2700K-3000K	90°	0.4m lead wire	Rings installed	
1000376-008	LF22	60W	100-240VAC	5500K-6000K	110°	0.4m lead wire	Rings installed	
1000376-009	LF22	100W	100-240VAC	5500K-6000K	60°	0.4m lead wire	Rings installed	
1000376-010	LF22	150W	100-240VAC	5500K-6000K	60°	0.4m lead wire	Rings installed	
1000376-011	LF22	200W	100-240VAC	5500K-6000K	60°	0.4m lead wire	Rings installed	
1000376-012	LF22	100W	100-240VAC	5500K-6000K	90°	0.4m lead wire	Rings installed	
1000376-013	LF22	150W	100-240VAC	5500K-6000K	90°	0.4m lead wire	Rings installed	
1000376-014	LF22	200W	100-240VAC	5500K-6000K	90°	0.4m lead wire	Rings installed	
1000376-015	LF22	200W	100-240VAC	5500K-6000K	120°	0.4m lead wire	Rings installed	

Thanks for choosing our products, NANHUA Electronics is the professional brand of signal transmission and high quality industrial lighting which is trusted and loved by global users from various industries. Read and understand these instructions completely and carefully. Wrong installation and operation may lead to fires, electric shock, and others. Due to our continued efforts to improve our products, product specifications are subject to change without notice.

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