



JellyFish Series

KHJ-Industrial Lighting

V.0

★ LED Floodlight

★ INTRODUCTION



Features and benefits

1. Energy saving. Reduce the number of luminaires needed, providing excellent luminaires' efficiency more light where you need it.
2. Anti-glare, reduces glare in applications where the user may have direct visual contact with the light source.
3. Shock and vibration resistant tempered glass, reduces the risk of premature failure.
4. OSRAM LED source. High efficiency lumen output and high CRI.
5. Driver module assembly High efficiency LED drivers are designed to provide reliable operation in even the harshest environments.
6. High strength aluminum alloy housing.
7. IP66, can be used in wet locations robust construction, suitable for corrosive applications.
8. 80W and 100W available. Optional luminous intensity distribution for different applications.
9. Ambient temperature from -40°C to 55°C.

Application:

1. Power Generation Industry, Power Transmission Industry, Stadium Lighting, Machine Manufacturing, Shipping Industry, etc.
2. Coal washery, factories, warehouse, street light, gymnasium, hypermarket, etc.
3. Applicable to all non-explosive areas.



Executive standard:

IEC 60598-1:2008 Luminaires - Part 1:
General requirements and tests

IEC60598-2-5:1998 Luminaires - Part 2-5:
Particular requirements - Floodlights

Product certification:

The series of products carry CE and RoHS
Certification,



★ CHARACTERISTIC DETAILS

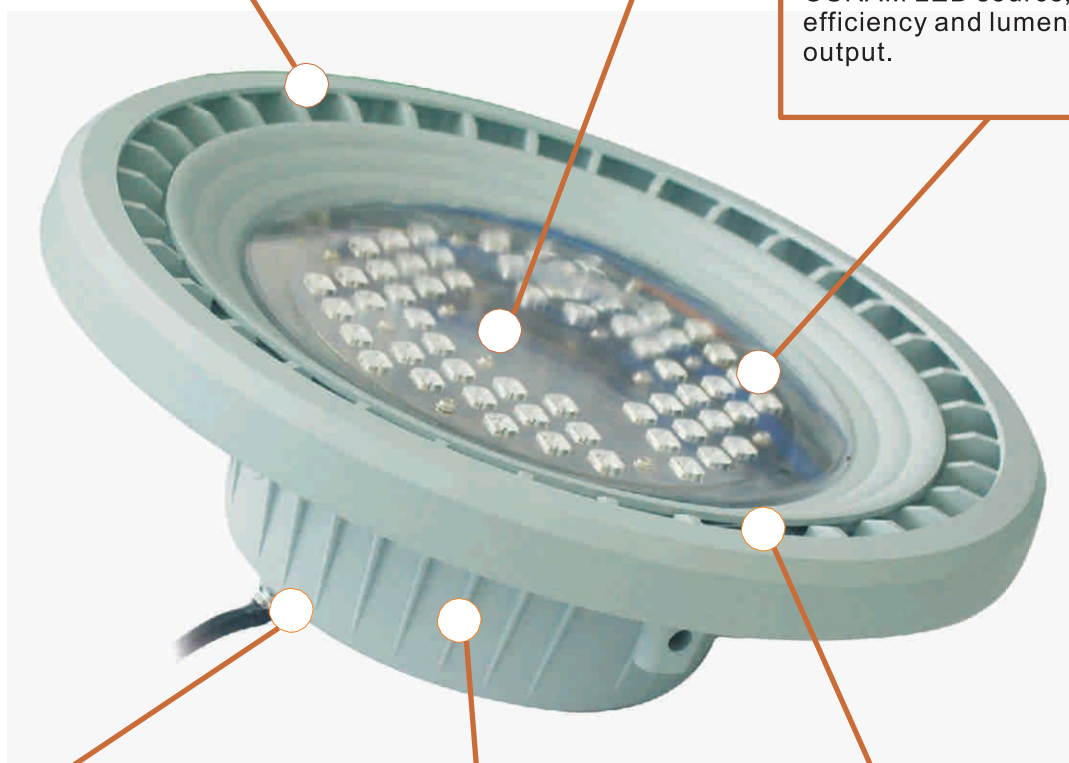


Perfect heat dissipation design, extending the LED lifespan



The led is clung to the enclosure, which can make the heat sink very fast, low down the junction temp.

OSRAM LED source, high efficiency and lumen output.



With 1.5m cable, can be directly connected to AC Power. Easy for installation.



Apply high performance component which can work at -40°C to 55°C.



The housing surface is coated with high quality paint, rust-proof and corrosion-proof.

★ PERFORMANCE PARAMETER



Product Definition

K	JF	XXX	X	XXXX	XX
Brand	Series	Power	Voltage	Candela Distribution	CCT
K-KHJ	JF-Jellyfish	80-80W 100-100W	Default-AC100~240V	H1V1 H3V3 H4V4 H5V5 H6V6 H6V4 FW	WM-2800~3300K NH-4700 ~5400K CH-6000 ~7100K

Electrical parameters

Product type	Rated input voltage (V AC)	Rated input Current (A)	Voltage Frequency (Hz)	Rated Power (W)	Input Current (mA)	PF
KJF80	100~240	0.38~0.94	50/60	80	400	>0.95
KJF100	100~240	0.45~ 1.2	50/60	100	520	> 0.95

Photometric parameter

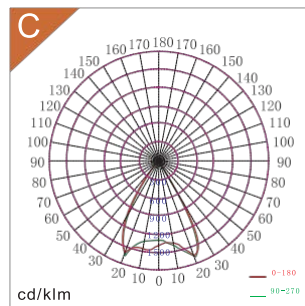
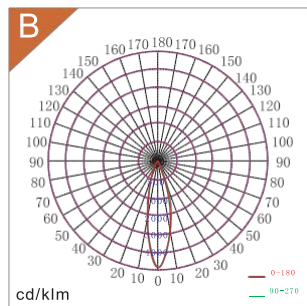
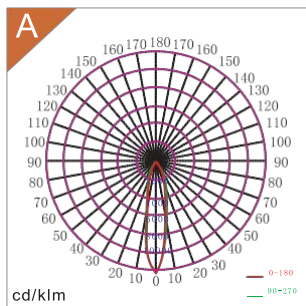
Product type	P/N	Temp.	CRI	CCT (K)	Luminous Flux (lm)	Type	Beam Angle (°)	Candela Distribution
KJF80	KJF80*WM	Warm white	82	2800~3300	6050	H1V1	15	A
	KJF80*NH	Natural white	82	4700~5400	6700	H3V3	40	B
	KJF80*CH	Cool white	70	6000~7100	7200	H4V4	60	C
KJF100	KJF100*WM	Warm white	82	2800~3300	7400	H5V5	80	D
	KJF100*NH	Natural white	82	4700~5400	8200	H6V6	120	E
	KJF100*CH	Cool white	70	6000~7100	8850	H6V4	C0-180°:120 C90-270°:60	F
						FW	C0-180°: 120 C90-270°:110	G

Remarks: *Stands for candela distribution, including H1V1, H3V3, H4V4, H5V5, H6V6, H6V4, FW.

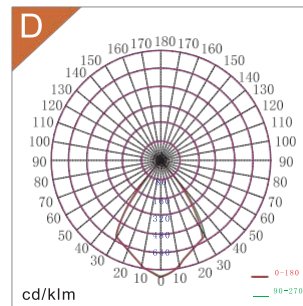
Other Parameters

Product Type	Size (mm)	Weight (Kg)	Ambient Temp. (°C)	Max. Surface Temp. (°C)	IP Code	Insulation
KJF80	Φ380×145	5	-40~ +55	45	IP66	I
KJF100	Φ380×145	5	-40~ +55	49	IP66	I

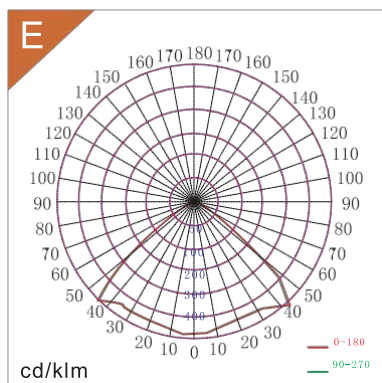
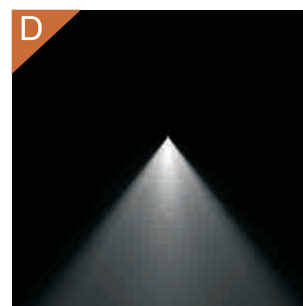
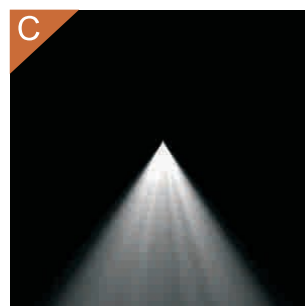
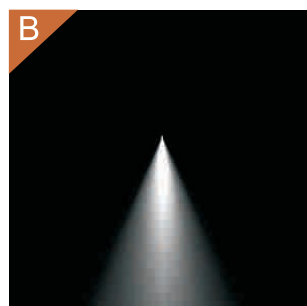
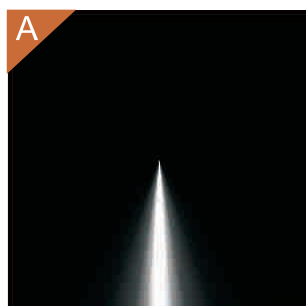
★ CANDELA DISTRIBUTION



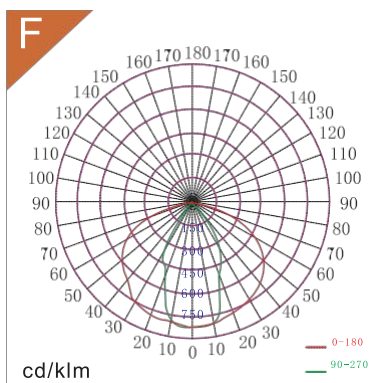
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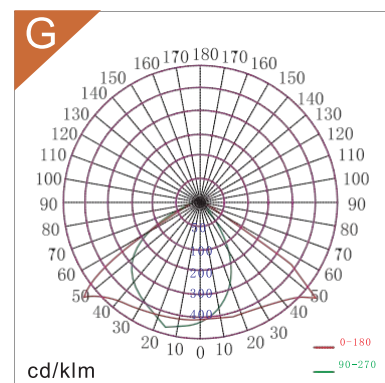
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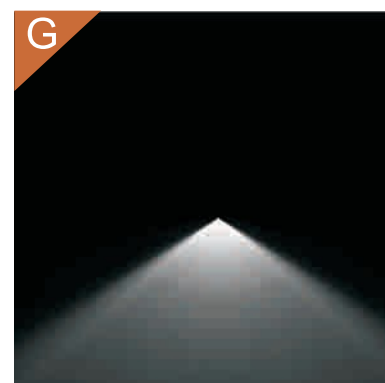
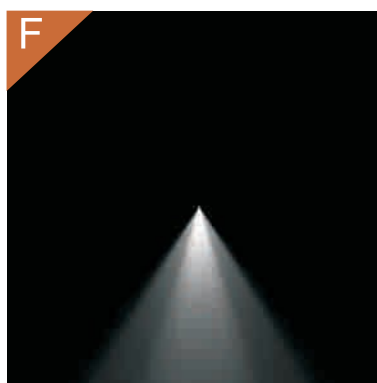
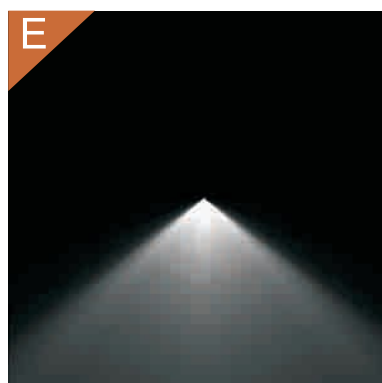
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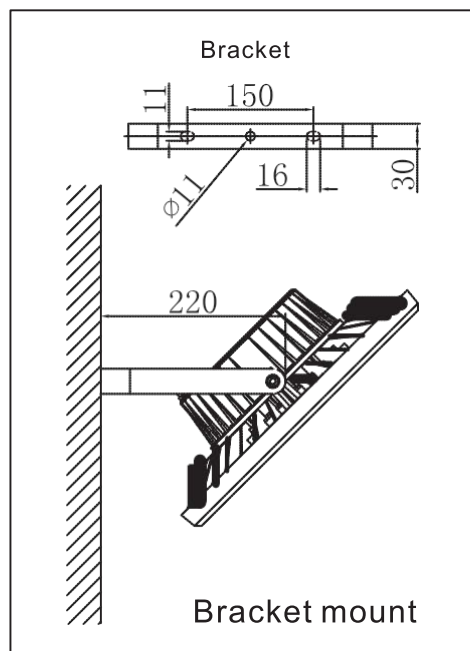
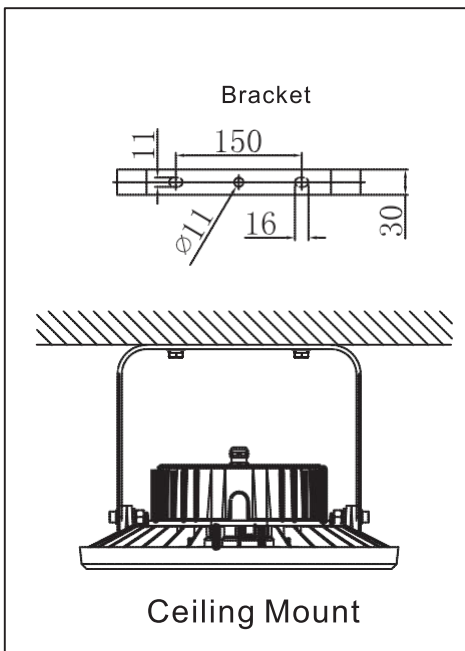
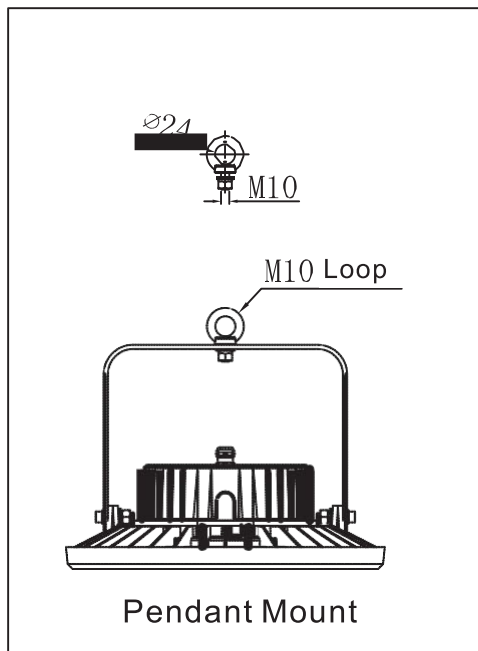
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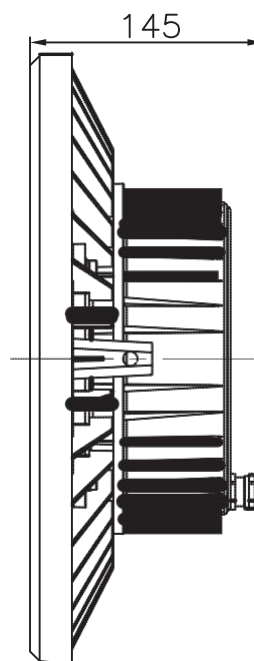
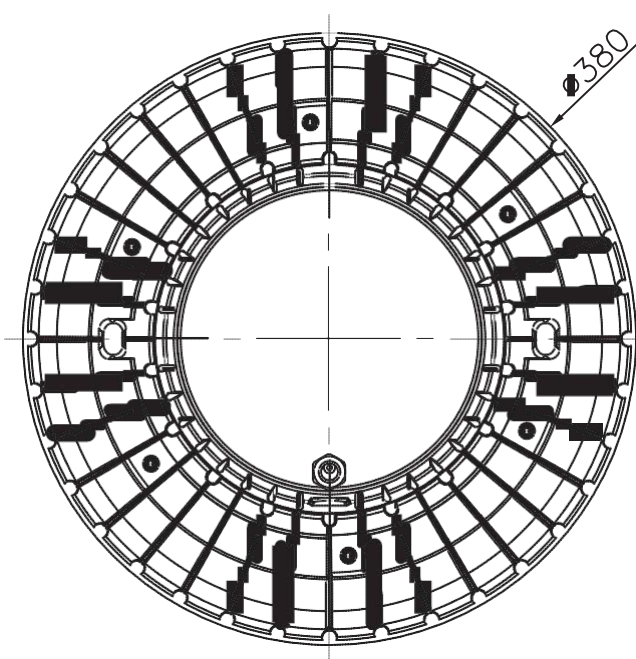
★ INSTALLATION METHOD



Installation method (unit:mm)





Size (unit:mm)



★ ACCESSORIES



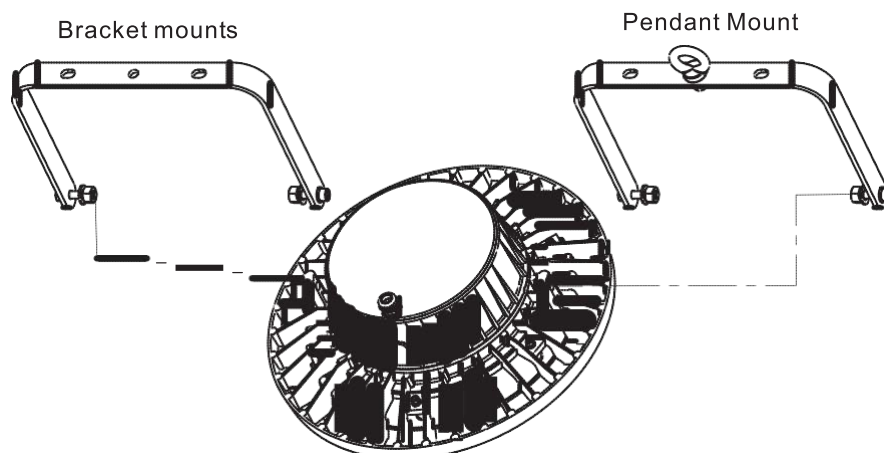
Optional parts

NO.	Installation on accessories	Picture	Material	Weight (Unit: Kg s)	QTY	Remarks
1	Bracket mount		Q235	0.83Kg	1	Bracket mount / Ceiling Mount
2	Pendant Mount		Q235	0.93Kg	1	Pendant Mount

Optional parts

No.	Name	Qty/luminaire	Remarks
1	Power supply	4	voltage :100~ 240VAC current: 50 V 400mA
2	Power supply	4	voltage: 100~240VAC current: 50 V 520mA
3	PCB-1VA	2	H1V1/H3V3/H4V4/H5V5/H6V6
4	PCB-2VA	2	H1V1/H3V3/H4V4/H5V5/H6V6
5	PCB-1VA	2	FW/H6V4
6	PCB-2VA	2	FW/H6V4
7	Covers rubber seal	1	
8	side cover rubber seal	1	

Accessories



★ SERVICE



Caution

1. To avoid the risk of fire, explosion, or electric shock, this product should be installed, inspected, and maintained by a qualified electrician only, in accordance with all applicable electrical codes.
2. To avoid electric shock:
Be certain electrical power is OFF before and during installation and maintenance.
Luminaire must be supplied by a wiring system with an equipment grounding conductor.
3. To avoid burning hands:
Make sure lens and housing are cool when performing maintenance.
4. To avoid explosion:
 - 1) Make sure the supply voltage is the same as the luminaire voltage.
 - 2) Do not install where the marked operating temperatures exceed the ignition temperature of the hazardous atmosphere.
 - 3) Do not operate in ambient temperatures above those indicated on the luminaire nameplate.
 - 4) Use proper supply wiring as specified on the luminaire nameplate. All gasket seals must be clean.
 - 5) Before opening, electrical power to the luminaire must be turned off. Keep tightly closed when in operation.

Package Check

1. Check the carton and all the components according to the packing list.
2. Make sure the product is in good conditions.

Transportation:

Please keep this product from heavy mechanical shock, exposure to strong sunshine, throwing, rolling and stress during transport

Storage:

Keep in dry, clean and well-ventilated, non-corrosive medium warehouse, the ambient temperature should be -40 C to 55 C.

After-sales service

Installation and maintenance must be according to the instruction.

If customer cannot deal with it by themselves, please contact with sales department.

Contact

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