



J-Series

The Toughest & Most Versatile UFO High Bay Light in the Market

It's commercial-grade durable properties make it



High Power LED High Bay Up to 500W

500W



1500W HID /
METAL HALIDE LAMP

500W High Ceiling Lighting Fixture

Fully Replace 1500W HID / Metal Halide Lamp



Tailored Square Power Solutions:

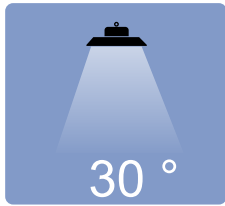
Enhance your lighting experience by opting for square power supply solutions that suit your installation.

Advanced Dali 2 Integration:

Unlock the potential of your lighting setup with the power of Dali 2 technology.

Narrow Angle

We provide lenses for common lighting angles such as 60°, 90°, and 120°, along with super-focused beams at 15°, 30°, and 45°, specially designed for high-wattage scenarios, delivering pinpoint illumination.



APPLICATION



SPECIFICATIONS TABLE

GENERAL INFORMATION	
Driver included	Yes
CE mark	Yes
RoHS compliant	Yes
Safety features	Open circuit protection Short circuit protection Overvoltage protection
Testing standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)
HOUSING AND FINISH	
Housing	Aluminium
Optic	Polycarbonate
Protector	Polycarbonate (with integrated lenses)
Housing finish	Electrostatic polyester powder coating
Standard colour(s)	RAL 9017 black
OPERATING CONDITIONS	
Operating Temperature Range (Ta)	-30°C to + 50°C
Operating Humidity	10-90%RH
Mounting Option	Loop Hanging Bracket Mounting
Warranty	5 years
PERFORMANCE	
Power	100W/150W/200W/240W/300W/400W/500W
Efficacy	210lm/W, 190lm/W, 170lm/W, 150lm/W
Efficacy(3CCT Model)	185lm/W, 170lm/W
Efficacy(Sensor Model)	190lm/W, 170lm/W, 150lm/W
Power Efficiency	≥93%
Start Time	≤0.2S
Warm-up time to 60%	0.5S

ELECTRICAL INFORMATION	
Electrical Class	Class I EU
Nominal Voltage	120-277V 50/60Hz
Power factor (at fullload)	0.9
Surge Protection Options (KV)	6KV-Line-Line 6KV-Line-Earth
Electromagnetic Compatibility (EMC)	EN 55015:2019/A11:2020, EN 61000-3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015
Total Harmonic Distortion(THD)	IEC 61000-3-2 Class C <20%
Driver Type	Constant current(CC)
Withstand Voltage	1.5KV 60S 10mA
OPTICAL INFORMATION	
LED Type	SMD2835
Beam Angle	15° / 30° / 45° / 60° / 90° / 120°
Beam Angle(Sensor Model)	90°
Recommended installation height	4m to 12m
Color Tolerance	Ra70 ≤7 Ra80 ≤5
LED colour Temperature	3000K / 4000K / 5000K / 5700K / 6500K
Colour Rendering Index (CRI)	CRI>70 standard CRI>80 optional
Upward Light Output Ratio (ULOR)	0%
LIFETIME OF THE LEDS @ TA 25°C	
All configurations	
L70B50	> 100,000h
L80B20	>50,000h
L90B10	>30,000h
Switching Cycles	> 100,000 times

※Lamp switch must control L line or control L and N lines.
 ※Ra measurement tolerance is ±2.

PACKAGING

POWER	PACKAGE SIZE	QTY/CTN	SINGLE PIECE VOLUME	NET WEIGHT	GROSS WEIGHT	20GP	40HQ
60W	L300*W300*H160mm	1PCS/CTN	0.0144m ³	1.9kg	2.3kg	1806pcs	4583pcs
100W	L300*W300*H160mm	1PCS/CTN	0.0144m ³	1.9kg	2.3kg	1806pcs	4583pcs
150W	L350*W350*H165mm	1PCS/CTN	0.0202m ³	2.3kg	3.0kg	1286pcs	3265pcs
200W	L390*W390*H170mm	1PCS/CTN	0.0259m ³	2.9kg	3.7kg	1006pcs	2553pcs
240W	L390*W390*H170mm	1PCS/CTN	0.0259m ³	2.9kg	3.7kg	1006pcs	2553pcs
300W	L480*W480*H220mm	1PCS/CTN	0.0464m ³	4.9kg	6.0kg	560pcs	1423pcs
400W	L610*W610*H235mm	1PCS/CTN	0.0259m ³	8.5kg	10kg	342pcs	779pcs
500W	L610*W610*H235mm	1PCS/CTN	0.0464m ³	8.5kg	10kg	342pcs	779pcs

PERFORMANCE

PREMIUM VERSION

POWER	LUMENS	EFFICACY
100W	21,000LM	210LM/W(Ra70)
	19,000LM	190LM/W(Ra80)
150W	31,500LM	210LM/W(Ra70)
	28,500LM	190LM/W(Ra80)
200W	42,000LM	210LM/W(Ra70)
	38,000LM	190LM/W(Ra80)
240W	50,400LM	210LM/W(Ra70)
	45,600LM	190LM/W(Ra80)
300W	63,000LM	210LM/W(Ra70)
	57,000LM	190LM/W(Ra80)
400W	84,000LM	210LM/W(Ra70)
	76,000LM	190LM/W(Ra80)
500W	105,000LM	210LM/W(Ra70)
	95,000LM	190LM/W(Ra80)

PRO VERSION

POWER	LUMENS	EFFICACY
100W	19,000LM	190LM/W(Ra70)
	18,000LM	180LM/W(Ra80)
150W	28,500LM	190LM/W(Ra70)
	27,000LM	180LM/W(Ra80)
200W	38,000LM	190LM/W(Ra70)
	36,000LM	180LM/W(Ra80)
240W	45,600LM	190LM/W(Ra70)
	43,200LM	180LM/W(Ra80)
300W	57,000LM	190LM/W(Ra70)
	54,000LM	180LM/W(Ra80)
400W	76,000LM	190LM/W(Ra70)
	72,000LM	180LM/W(Ra80)
500W	95,000LM	190LM/W(Ra70)
	90,000LM	180LM/W(Ra80)

PERFORMANCE

STANDARD VERSION

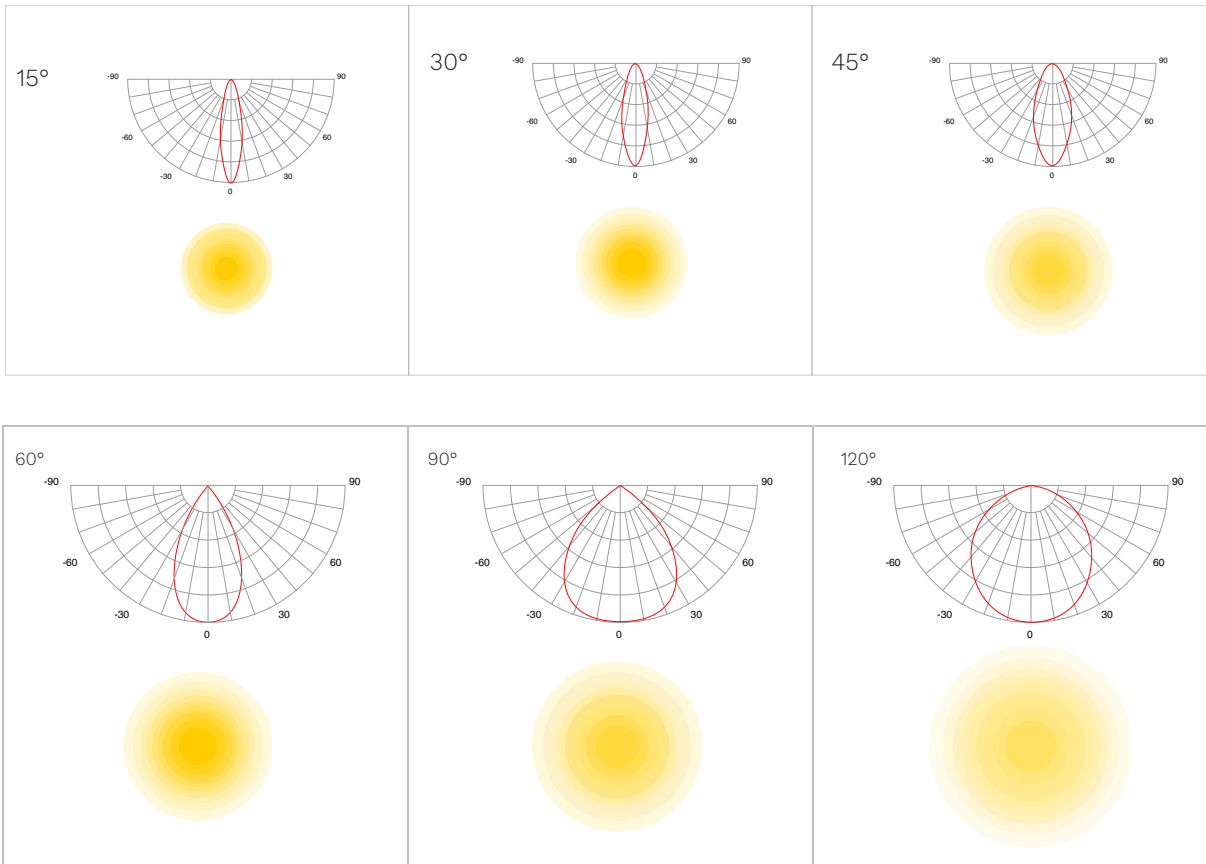
POWER	LUMENS	EFFICACY
100W	17,000LM	170LM/W(Ra70)
	15,000LM	150LM/W(Ra80)
150W	25,500LM	170LM/W(Ra70)
	22,500LM	150LM/W(Ra80)
200W	34,000LM	170LM/W(Ra70)
	30,000LM	150LM/W(Ra80)
240W	40,800LM	170LM/W(Ra70)
	36,000LM	150LM/W(Ra80)
300W	51,000LM	170LM/W(Ra70)
	45,000LM	150LM/W(Ra80)
400W	68,000LM	170LM/W(Ra70)
	60,000LM	150LM/W(Ra80)
500W	85,000LM	170LM/W(Ra70)
	75,000LM	150LM/W(Ra80)

ECO VERSION

POWER	LUMENS	EFFICACY
100W	15,000LM	150LM/W(Ra70)
	14,000LM	140LM/W(Ra80)
150W	22,500LM	150LM/W(Ra70)
	21,000LM	140LM/W(Ra80)
200W	30,000LM	150LM/W(Ra70)
	28,000LM	140LM/W(Ra80)
240W	36,000LM	150LM/W(Ra70)
	33,600LM	140LM/W(Ra80)
300W	45,000LM	150LM/W(Ra70)
	42,000LM	140LM/W(Ra80)
400W	60,000LM	150LM/W(Ra70)
	56,000LM	140LM/W(Ra80)
500W	75,000LM	150LM/W(Ra70)
	70,000LM	140LM/W(Ra80)

※The Performance Data is tested base on 230VAC, 90° and 4000K for all versions
 ※Power Consumption Tolerance ±5% (Apply to all versions)
 ※Lumen Efficiency Tolerance ±5% (Apply to all versions)

LIGHT DISTRIBUTIONS



PENDANT MOUNTING

Power	Size
100W	Φ 260*H162mm
150W	Φ 310*H169mm
200W/240W	Φ 350*H177mm
300W	Φ 400*H197mm
400W	Φ 490*H231mm
500W	Φ 490*H231mm

