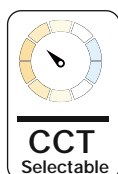# P-Series

Give Out More lumens in a Smaller Package

Easy to use & install, it is the improved version of our flagship model. This model stands on the edge with our technology growing in efficiency & light output .

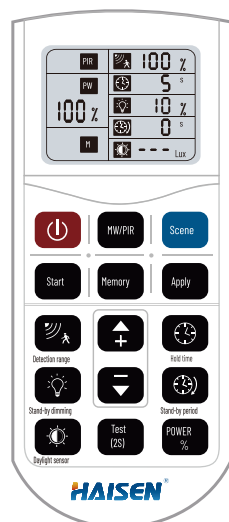| Wattage Selectable | CCT Selectable | IP65 | Kg IK09 | 6KV | W 5yrs Warranty |

Plug & Play Sensor

Integrated motion sensor can be programmed to increase energy-saving, customized detection range daylight, threshold, timer, and dimming settings.
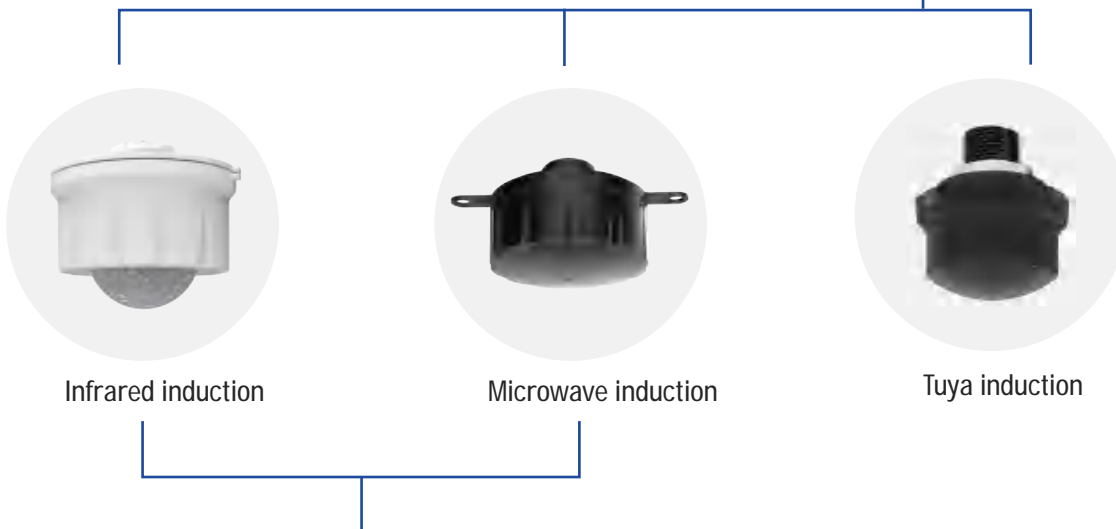
Infrared induction

Microwave induction

Tuya induction

Remote-Controlled UFO Light

Step into smart lighting with our Intelligent UFO High Bay Light. Whether microwave or infrared sensor, your choice. Adjust brightness, color, and timers seamlessly through the remote control. Illuminate instantly with sensor control. Manage groups of lights effortlessly.
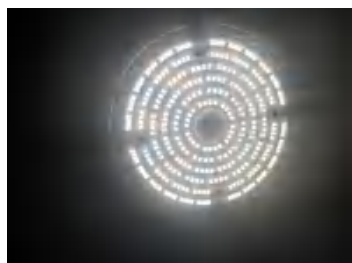
Excellent Heat Dissipation

The well-proportioned ribs lay the foundation for the high-quality heat dissipation of the product.

Luminous Effect Diagram

Innovative dual-color temperature crossover design for more uniform lighting, enhanced depth, and a more comfortable illumination experience.

Old version

New version

Anti-Glare Reflector

Use this reflector to reduce glare from your 100-, 150-, 200-Watt UFO LED High-Bay Light and to create a traditional high-bay look. The reflector installs around the fixture's lens and comes with 4 screws to secure it in place.

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 + 45°C
Operating Humidity	10-90%RH
Mounting Option	Loop Hanging Bracket Mounting
Warranty	5 years

PERFORMANCE	
Power	100W/150W/200W
Efficacy	210lm/W,190lm/W, 170lm/W,150lm/W
Efficiency(3CCT Model)	185lm/W, 170lm/W
Efficiency(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 Woltage	1.5KV 60S 10mA

OPTICAL INFORMATION	
LED Type	SMD2835
Beam Angle	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 L80B20 L90B10	>100,000h >50,000h >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	L320*W320*H150mm	1PCS/CTN	0.0154m3	1.6kg	2.0kg	1693pcs	4297pcs
100W	L320*W320*H150mm	1PCS/CTN	0.0154m3	1.6kg	2.0kg	1693pcs	4297pcs
150W	L360*W360*H150mm	1PCS/CTN	0.0194m3	1.9kg	2.5kg	1337pcs	3395pcs
200W	L400*W400*H150mm	1PCS/CTN	0.024m3	2.4kg	3.1kg	1083pcs	2750pcs

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)

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)

STANDARD VERSION

POWER	LUMENS	EFFICACY
100W	17,000LM	170LM/W(Ra70)
	15,700LM	157LM/W(Ra80)
150W	25,500LM	170LM/W(Ra70)
	24,000LM	160LM/W(Ra80)
200W	34,000LM	170LM/W(Ra70)
	32,000LM	160LM/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)

※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)

APPLICATION

LIGHT DISTRIBUTIONS
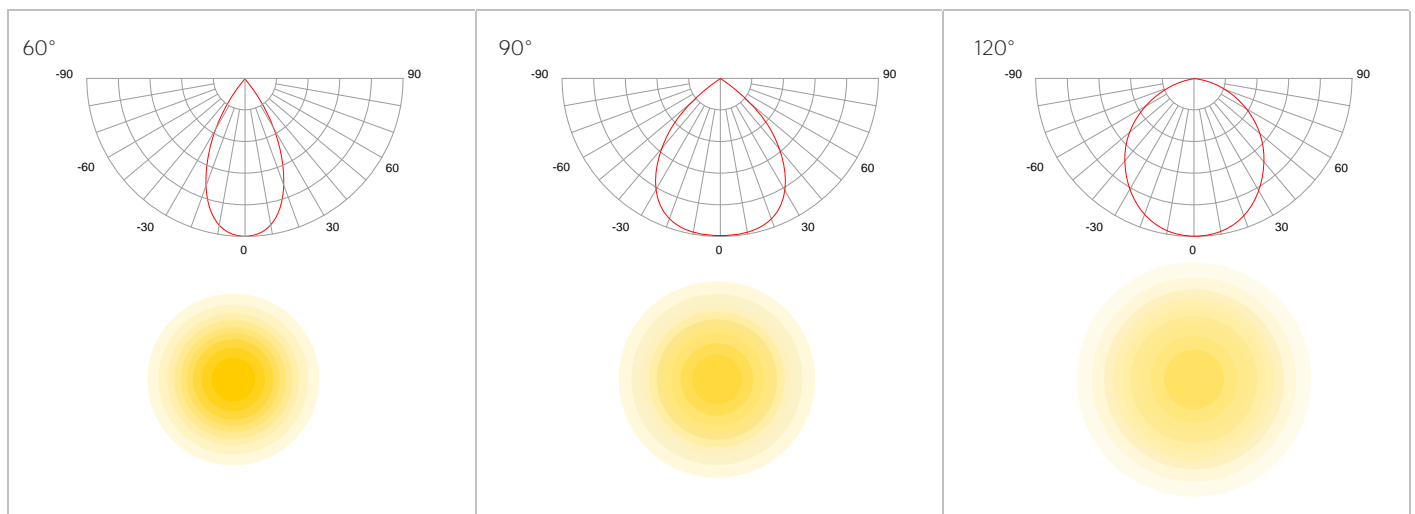
PENDANT MOUNTING

Power	Size
100W	D278*H138mm
150W	D320*H138mm
200W	D360*H145mm