



MAIN APPLICATIONS



INDUSTRIAL
HALLS &
WAREHOUSES



LARGE
AREAS



SPORT
FACILITIES



CAR PARKS

- ▶ Efficiency: 160lm/W
- ▶ High Quality Philips and Cree etc LED Chip
- ▶ PC cover with special reflector design for 60° | 90° | 120° beam angle
- ▶ Special anti-corrosion ADC12 aluminum
- ▶ Moisture tolerant IP65

UFO22

CE ErP

The Adjustable Philips UFO Smart 100-300W 160lm/W Industrial LED High Bay Light uses the latest generation technology to allow you to have excellent power in a very small space. It is one of the best LED high bay lights on the market because of the energy savings it produces, no maintenance, long average lifespan, and the excellent reliability and flexibility it offers.

It is equipped with energy-efficient PHILIPS Lumileds SMD 3030 LEDs, which together with other high-quality built-in components can achieve LED outputs up to 160 lm/W. Its innovative aluminum heat sink keeps the operating temperature constant and optimally dissipates the heat generated by the conversion of electrical energy into light energy.

The unit's Philips driver has integrated 6KV protection against overload, short circuit, temperature, high input and output voltages, making it a very safe driver. It has high efficiency, high protection factor and low THD.



① SWINGING RING

② HEX SOC SCREW

③ DRIVE POWER

④ SENSOR BRACKET

⑤ WATERPROOF SCREW / RESPIRATOR

⑥ HEAT SINK

⑦ PCB BOARD

⑧ SCREW FOR PCB LENS

⑨ LED LENS

⑩ SCREW FOR LED LENS

⑪ SENSOR

⑫ DECORATIVE COVER

Technical Data

Led Module

LED Chip Brand	Lumileds Cree Epistar plus
LED Chip Type	SMD3030
Luminous Efficacy	160LM/W
Color Rendering Index (RA)	> 70 80
Color Temperature	2400K 2700K 3000K 4000K 5000K
Beam Angle	60° 90° 120°
Number Of Leds	A:160Pcs B:240Pcs C:320Pcs D:400Pcs

Electrical Parameters

Power A	100W
Power B	150W
Power C	200W
Power D	300W
Voltage	AC100-240V
Frequency	50/60Hz
Electrical Class	Class I Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP65
IK Grade	IK08
SPD	10KV 20KV (Optional)

Driver

Driver Type	Non-lalolsted
Power Factor	>0.9
Performance	> 90%
IP Grade	IP20 to IP67
THD	< 15%

Materials and Properties

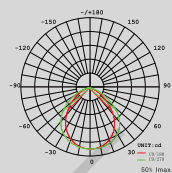
Material Of Shell	Aluminum (ADC12)
Material Of Lens	PC
Size 100W(mm)	253*253*111
Size 150W (mm)	308*308*117
Size 200W(mm)	354*354*122
Size 300W(mm)	405*405*130

Tested according to

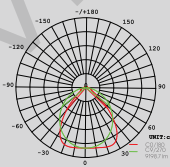
CE-LVD	EN 60598-2-3:2003 + A1:2011 EN IEC 60598-1:2021 EN 62471:2008 EN 62493:2015
CE-EMC	EN 55015:2013+A1:2015 EN 61547:2009 EN IEC 61000-3-2:2019 EN 61000-3-3:2013+A1:2019
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

Typical photometric features

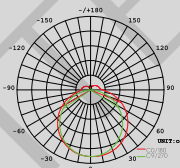
60°



90°

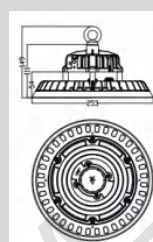


120°

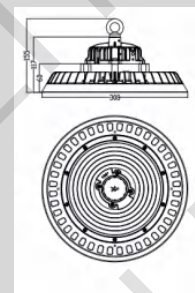


Product Size

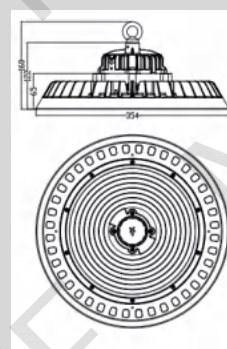
100W



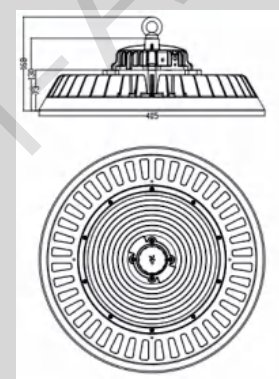
150W



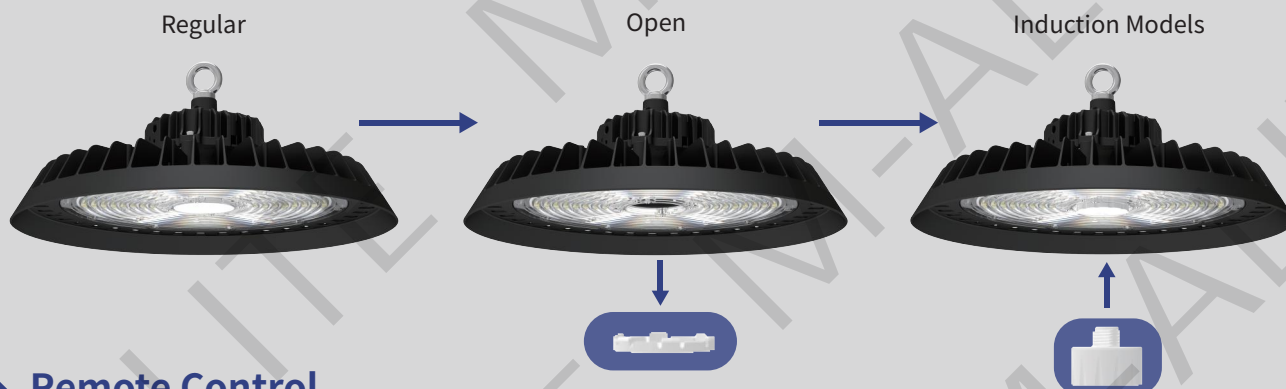
200W



300W



► Combination



► Remote Control

Remote Control Setting	Button	Remarks																												
		Press the "ON/OFF" button, the light goes to constant on/off mode, sensor is disabled. Press any button to quit from this mode and the sensor starts to work.																												
		Press "Reset" button, all parameters are same as setting of DIP switch or factory settings.																												
		Press "Sensor motion" button, the light quits from the constant on/ off mode, and the sensor starts to work (The latest setting stays in validity)																												
		Press "DIM Test" button, the 1-10 V dimming works to test whether the 1-10Vdc dimming ports are connected properly. After 2s, it returns to the latest setting automatically.																												
		Short press "DIM+ /DIM-" button to transmit dimming signal. The brightness of the lamp adjusts at 5% per unit. (only apply for sensor with daylight harvesting function)																												
		Long press>3s, sensor will take current light level as target lux level, to dim up/down load automatically according to the change of ambient light level. (only apply for sensor with daylight harvesting function)																												
		<table border="1"><thead><tr><th>Scene Options</th><th>Detection Area</th><th>Hold Time</th><th>Stand-by period</th><th>Stand-by dim level</th><th>Daylight Sensor</th><th>Induction model</th></tr></thead><tbody><tr><td>QS1</td><td>100%</td><td>5min</td><td>10min</td><td>10%</td><td>30Lux</td><td>HS</td></tr><tr><td>QS2</td><td>100%</td><td>10min</td><td>30min</td><td>10%</td><td>Disable</td><td>HS</td></tr><tr><td>QS3</td><td>100%</td><td>20min</td><td>30min</td><td>10%</td><td>Disable</td><td>HS</td></tr></tbody></table>	Scene Options	Detection Area	Hold Time	Stand-by period	Stand-by dim level	Daylight Sensor	Induction model	QS1	100%	5min	10min	10%	30Lux	HS	QS2	100%	10min	30min	10%	Disable	HS	QS3	100%	20min	30min	10%	Disable	HS
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	QS3	100%	20min	30min	10%	Disable	HS																							
		Note: Detection area / Hold time / Stand-by period / Stand-by dim level / Daylight sensor can be adjusted by pressing the corresponding button. The latest setting will stay valid.																												
		Press the "TEST 2S" button can enter the test mode anytime. At the mode, the sensor parameters as below: Detection Area is 100%, Hold Time is 2s, Stand-by Dim Level is 10%, Stand-by Period is 0s, daylight sensor disable. This function only for testing. Quit the mode by pressing "RESET" or any other function buttons.																												
		Press "HS" button to set the detection area to be high sensitive. Press "LS" button to set the detection area to be low sensitive. The adjustment bases on the "Detection Area" parameter you set.																												
		Daylight Sensor Set up daylight threshold: 5Lux/15Lux/30Lux/50Lux/100Lux/150Lux/Disable																												
	Stand-by period Set up stand-by time: 0S/10S/1min/3min/5min/10min/30min/+∞																													
	Hold time Set up hold time: 5S/30S/1min/3min/5min/10min/20min/30min																													
	Stand-by dim level Set up stand-by dim level: 10%/20%/30%/50%																													
	Detection Area Set up detection area: 25%/50%/75%/100%																													
	Remote Distance Toggle bottom can set the remote distance of remote control and sensor.																													

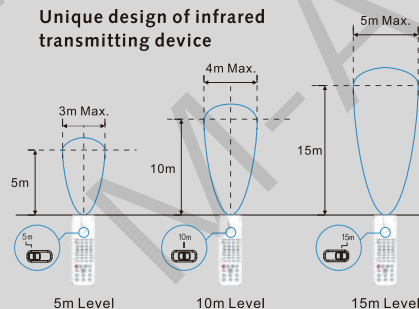
Remote control and code setting conversion

1. DIP switch setting convert to remote control Press any bottom except "RESET" on the remote control, and the sensor settings convert to the function currently selected by the remote control. (No function button settings invalid)

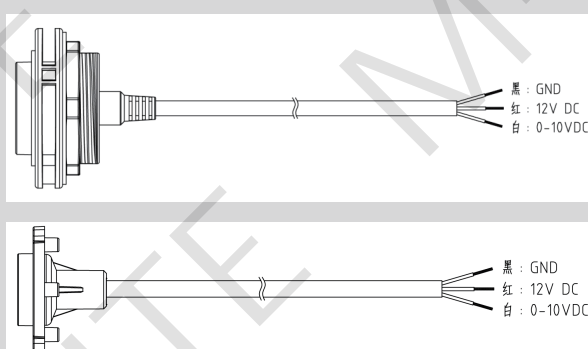
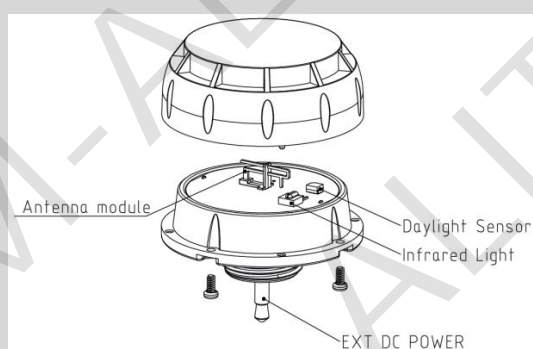
2 remote control convert to DIP switch setting

- Press the "RESET" button on the remote control, and all settings return to the DIP switch settings of the sensor.
- Turn off the power, toggle any DIP switch, connect to the power, and all settings return to the DIP switch settings when supply power again.

Unique design of infrared transmitting device



► Wiring Diagram





ALITE