



Lighting your ways..

COPTOR PRO

LED HIGHBAY LUMINAIRE



COPTOR PRO is ELTON's LED high-bay luminaire for highly difficult applications. Housing made of high quality, corrosion resistant aluminum alloy, corrosive resistant polyester powder coat finish.

Features

- > System Light Efficacy 145 Lumen per watt.
- > IP66 rated
- > Optional Plug-and-play Motion Sensor
- > IK10 rated .
- > Easy Installation & Maintenance.

Application Areas

- > Warehouse/Manufacturing Facilities.
- > Convention Centers/Sporting Arenas.
- > Big-Box Retail Stores.
- > Cold Storage Facilities.

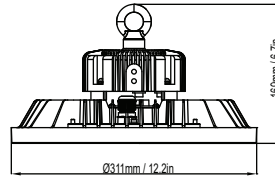
Dimensional Details

Picture	Power	Lumen/Watt	Total Lumen	Net Weight	Chip	Product Dimensions
	100W	145LPW	14,500lm	3.4kg/7.5lbs	Philips Lumileds 2835	311×311×169mm 12.2×12.2×6.7in
	150W	145LPW	21,750lm	3.4kg/7.5lbs	Philips Lumileds 2835	311×311×169mm 12.2×12.2×6.7in
	200W	145LPW	29,000lm	3.4kg/7.5lbs	Philips Lumileds 2835	311×311×169mm 12.2×12.2×6.7in
	240W	145LPW	34,800lm	3.4kg/7.5lbs	Philips Lumileds 2835	311×311×169mm 12.2×12.2×6.7in
	300W	145LPW	43,500lm	6.0kg/13.2lbs	Philips Lumileds 3030	382×382×182mm 15×15×7.2in

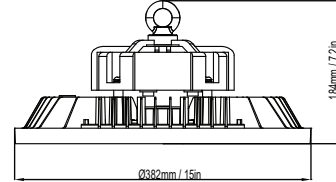
Dimensional Drawing



100W~240W

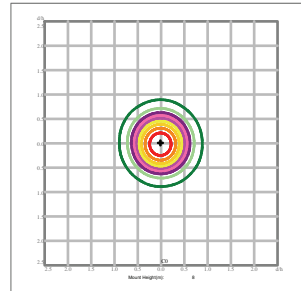
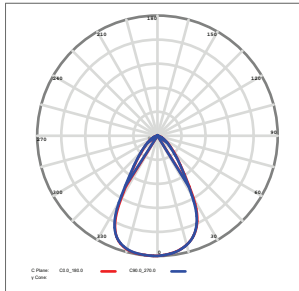


300W

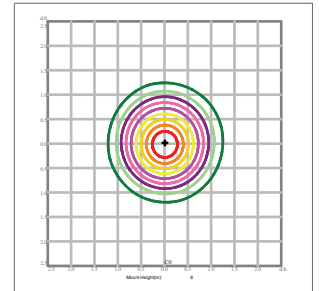
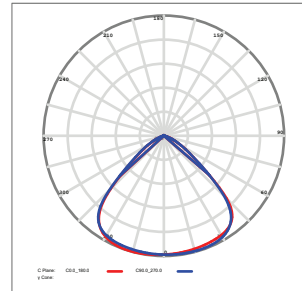


Photometrics

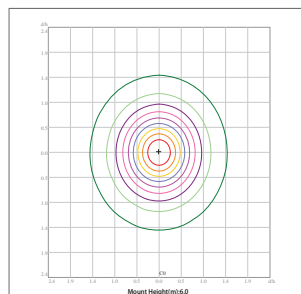
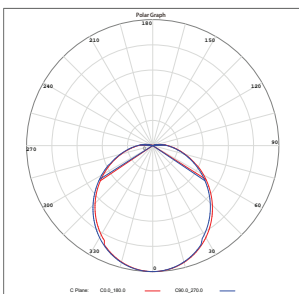
60° Ribbed Lens



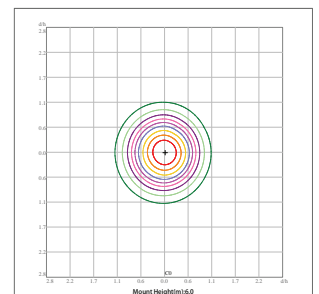
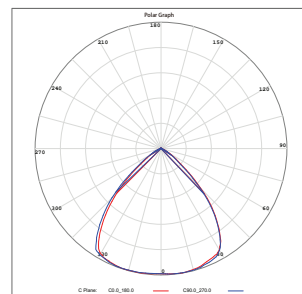
90° Ribbed Lens



120° Diffused Dome Lens



90° Reflector



Dimming Control



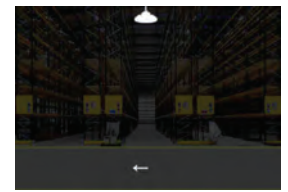
- ① With sufficient ambient light, the sensor does not switch on the lamp.
Setting
Daylight sensor:
10lux/30lux/50lux;



- ② With a low light level, the sensor switches on the lamp when motion is detected.
Setting
Detection sensitivity:
20%/50%/75%/100%; Hold-time:
10s/1min/5min/10min/15min/20min/30min/60min;

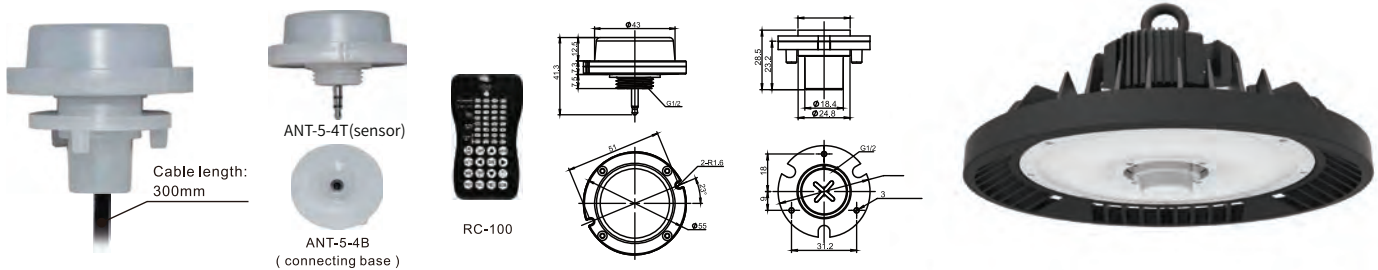


- ③ After hold time, the sensor dims the lamp at a low light level if no new motion trigger.
Setting
Stand-by dimming level:
0%/10%/30%/50%; Stand-by period:
1min/30min/60min/+∞



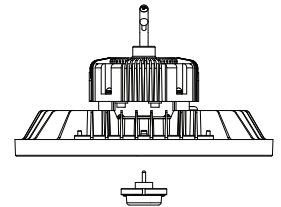
- ④ After stand-by period, the sensor switches off the lamp if no motion is detected in its detection zone.

Plug and Play Microwave Motion Sensor



SPECIFICATIONS

Operating voltage	12~24Vdc
Max. current sink	50mA±5%
HF System	5.8GHz±75MHz
Transmission power	<0.2mW
Dim control output	0-10V
Detection radius	20%/50%/75%/100%(1-8m)
Mounting height	Max 50ft.(15meters)
Time setting	10s/1min/5min/10min/15min/20min/30min/60min
Light-control	24H/10LUX/30LUX/50LUX
Temperature	-4°F ~ +140°F (-20°C ~ +60°C)
IP	IP65



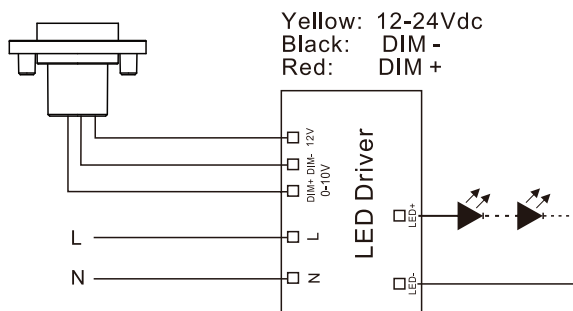
⚠ WARNING

NOTE: Warm up time is 15seconds. After the sensor connects input power first time, the light will keep on 15seconds, then go to dimming to work normally.

NOTE: Factory Default Setting: 100% sensitivity, Hold on time: 5min, Daylight sensor is ☀, Dimming level: 30%, Dimming time: 60minutues.

NOTE: Any setting changed by remote control, the led light that sensor connect will on/off as confirm.





WIRING DIAGRAMS



Yellow: 12-24Vdc
Black: DIM -
Red: DIM +

Cable specifications:
AWM 2464 /22AWG /80°C /300V

Accessories

Image	Applicable Power	Product Code	Product Description
	100W-300W	SE	Plug-and-play Microwave Motion Sensor
	100W-300W	HR	Hang Ring
	100W-300W	HK	Hook Ring
	100W-300W	UB	Standard U Bracket
	100W-300W	NPT	1/2' NPT Nipple
	100W-300W	CM	Chain Mount
	100W-300W	60	60° Ribbed Lens (PC)
	100W-300W	90	90° Ribbed Lens (PC)
	100W-300W	120	120° Diffused Dome Lens (PC)
	100W-300W	RF	90° Reflector (PC)
	100W-300W	PM	Protection Mask

Product Images



Parameters

AC Input Range	100-277V (50/60Hz)
LED Chip	Philips Lumileds
CRI	>70 / >80 / >90
Installation	Pendent
CCT Range	3000K, 4000K, 5000K, 5700K
Lifetime(Hr)	L70>120,000Hours(Calculated Using Tm-21 Calculator)
Working Temp.	-30 to +50°C
Storage Temp.	-40 to +80°C
Humidity	15%-95% RH
Ingress Protection	IP66
IK Rating	IK10
Housing Material	Die Cast Aluminum
Sensor	Microwave
Finish	RAL9010(White)/RAL9017(Black)
Surface Treatment	Corrosive resistant polyester powder coat finish
LED Driver	Built -In
Warranty	5 years

Ordering Info.

