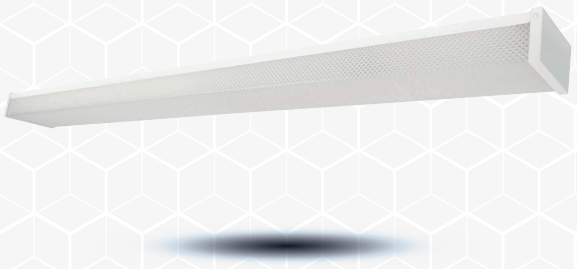
ORTECH®

Product Specification Sheet

WRAP AROUND LIGHTS

4WA-PG-3CCT+W+S



HIGHLIGHTS

4 FT. Wrap-Around Light With Selectable CCT & Wattage, Perfect For Any Setting And Any Mood

- Available with surface-mounted installation
- Wide application for: school, hospital, super market, office, parking garage and warehouse
- Daisy chain up to 25pcs (347v), 20pcs (277v) and 9pcs (120v)
- 0-10v dimming
- **PNP-SENSOR-DS** is a motion sensor capable of dimming/timing/sensitivity settings

130 LM/W | 120-347V AC | 80+Ra CRI | 120°

CERTIFICATIONS

Intertek | DIMMABLE | DLC LISTED

COLOUR TEMPERATURE

3500K/ 4000K / 5000K (Selectable)

SPECIFICATIONS

MODEL	4WA-PG-3CCT+W+S
Wattage	30W/40W/50W
Voltage	120-347V AC, 60Hz
Max. Lumens	6500 lmn
Beam Angle	120°
Lifetime	50,000 hours
Dimmable	Yes (0-10v dimming)
CRI	80+Ra
Rating	IC rated/Indoor use/ Dry Location
Lumens per Wattage	130 lm/W
Grade of Protectione	IP20
Lens/Diffuser Material	PMMA
THD (Total Harmonic Distortion)	<20%
Operating Temperature	-20°C ~ +45°C
Case Quantities	6

WRAP AROUND AND SHINE ON

5 YEAR WARRANTY

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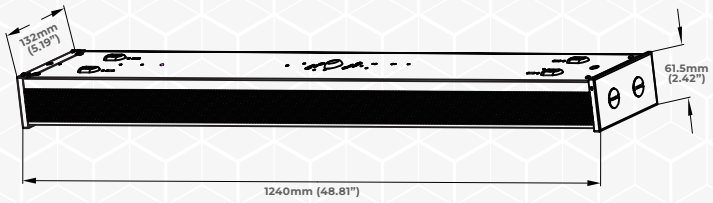
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Product Specification Sheet

WRAP AROUND LIGHTS

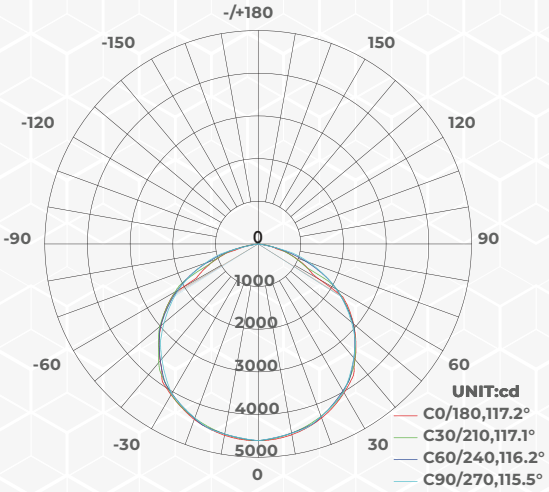
4WA-PG-3CCT+W+S

DIMENSIONS



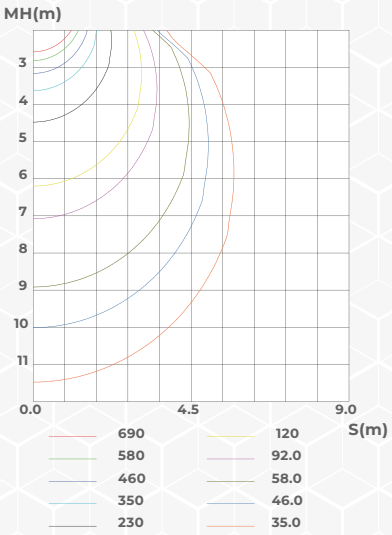
TESTING REPORT

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%): 116.5 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



ACCESSORIES (SOLD SEPARATELY)

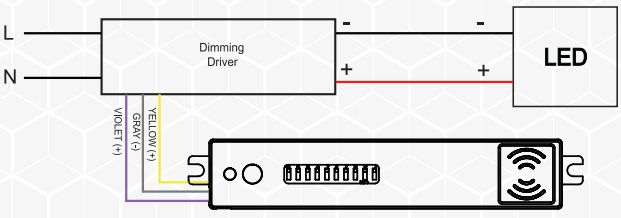


PNP-SENSOR-DS
adjustable settings w/ dip switch

MOTION SENSOR

PNP-SENSOR-DS is a moving object sensor that can detect range of 360° and it's working frequency is 5.8GHz. The advantage of this product is stable working state(stable working temperature: -40°C~+70°C). It is safe and performs better than infrared sensor.

NOTE: The high-frequency output of this sensor is <0.2mW-that is just one 5000th of the transmission power of a mobile phone or the output of a microwave oven.



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Product Specification Sheet

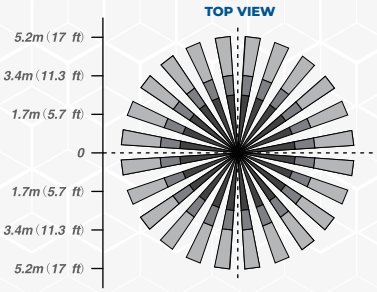
WRAP AROUND LIGHTS

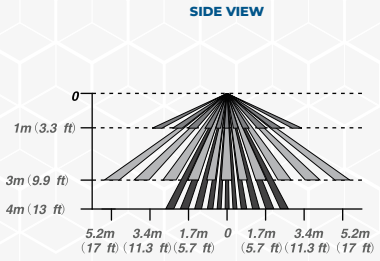
4WA-PG-3CCT+W+S

MOTION SENSOR SPECIFICATIONS

MODEL	PNP-SENSOR-DS
Power Supply	12V-24V DC, >50mA
HF System	5.8GHz±75MHz
Dim Control Output	0-10V, max. 25mA sinking current
Detection Radius	Max. 17 ft. (5.2m)
Mounting Height	Max. 13 ft. (4m)
Detection Angle	360°
Humidity	Max. 95% RH
Temperature	-40°F ~ 158°F (-40°C ~ 70°C

MOTION SENSOR COVERAGE



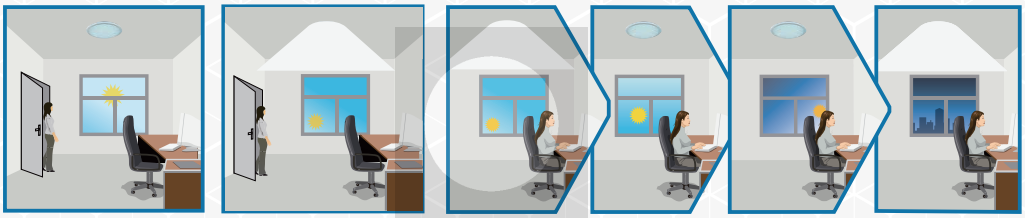


WARNING

- Warm up time is 15 seconds. After the sensor connects input power first time, the light will keep on 15 seconds, then go to dimming to work normally.
- Factory default setting: 100% sensitivity, Hold on time: 1 min, Daylight sensor disable, Dimming level: 10%, Dimming time: 60 minutes.
- Any setting changed by DIP switch, the led light that sensor connect will on/off as confirm.

MOTION SENSOR FUNCTION AND OPTIONS

The microwave sensor to achieve tri-level dimming control, for same areas that require a light change notice before switch off. It offers 3 levels of the light control: 100%-dimming kight (0,10%,30%,50%)-off and 2 periods of selectable waiting time: motion hold-time and stand-by-time. Selectable daylight threshold and choice of detection area.



The light will not switch on when natural light is sufficient, even there is motion detected.

The light switches on automatically with presence when natural light is insuficient.

The light turns on at full or dims to maintain the lux level. The light output regulates according to the level of natural light available.



The light dims to stand-by period after hold-time and stays on selected minimum dimming level.

The light switches off completely after the stand-by period.

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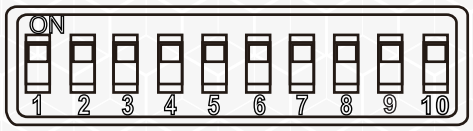
Product Specification Sheet

WRAP AROUND LIGHTS

4WA-PG-3CCT+W+S

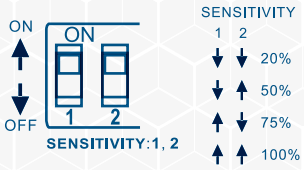
MOTION SENSOR SETTINGS

Consider the picture: 1,2 set sensitivity; 3,4 set hold time; 5,6 set the lux; 7,8 stand-by light level; 9, 10 set stand-by time:



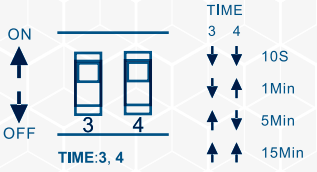
DETECTION RANGE SETTING (SENSITIVITY)

Detection range can be reduced by selecting the combination on the DIP switches to fit precisely each application:



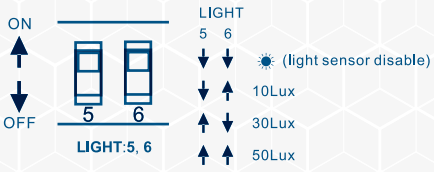
HOLD TIME SETTING

The lamp can be set to stay ON for any period of time between approx. 10 sec and a maximum of 15 min. Any movement detected before this time elapse will re-start the timer. It is recommended to select the shortest time for adjusting the detection zone and for performing the walk test. Switch location and hold time of the corresponding table as follow:



LIGHT-CONTROL SETTING

The chosen lamp response threshold can be infinitely from approx. 10-50lux, switch location and light-control of the corresponding table is as follow:



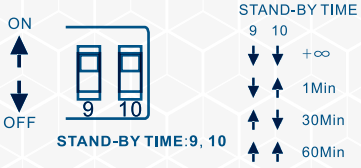
STAND-BY LIGHT LEVEL SETTING

The corresponding file of switch location and stand-by level as follow:



STAND-BY TIME SETTING

The corresponding file of switch location and stand-by time setting as follow:





REFERENCE	QUANTITY	REMARKS	PROJECT DETAILS
			Project:
			Location
			Architect:
			Engineer:
			Contractor:
			Submitted By:
			Date:

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