



PIR Occupancy Bi-level & Daylight Harvesting Sensor

ANT-15P

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The ANT-15P is passive infrared occupancy bi-level sensor, as a fixture sensor mounts in indoor light fixture and provides multi-level control based on motion and/or daylight contribution. It works by 10-14Vdc power, and controls 0-10VDC LED drivers or dimming ballasts. All controls parameters are adjustable via a wireless configuration tool capable of storing.



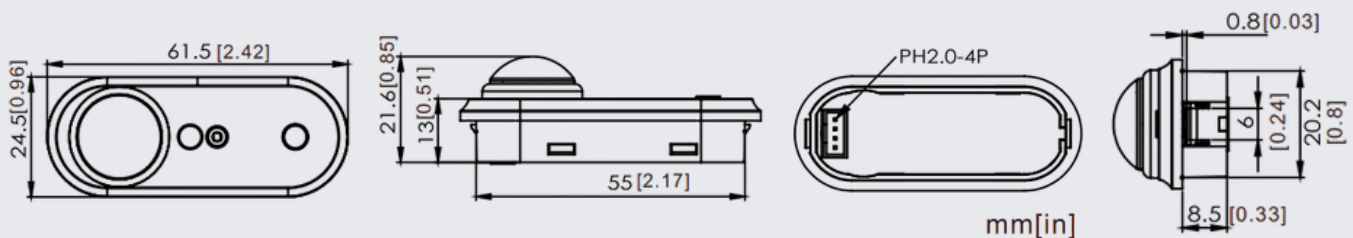
RC-100



SPECIFICATIONS

Power Supply	Dim Control Output	Mounting Height
10-14V DC, >50mA	0-10V, max. 25mA sinking current	12ft(4m) Max.
Detection Angle	Operating Temperature	IP Rating
360°	-20°C~60°C	IP20

Dimensions



⚠ WARNING

NOTE: Warm up time is 40 seconds. When the sensor is powered on for the first time, the light will remain on for 40 seconds before dimming and beginning normal operation.

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

NOTE: When settings are changed using the remote control, the connected LED light will turn ON/OFF to confirm the change.



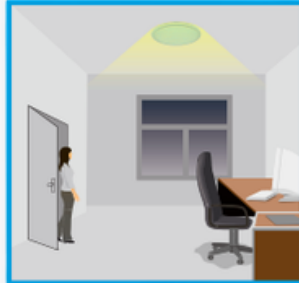
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DIMMING FUNCTION

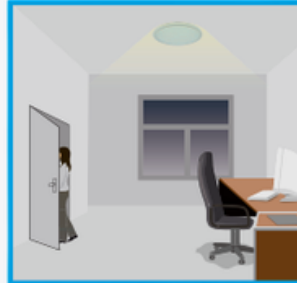
This function inside the motion sensor to achieve tri-level control, for some areas which require a light change notice before switch-off. The sensor offers 3 levels of light: 100%-->dimmed light (natural light is insufficient) -->off; and 2 periods of selectable waiting time: motion holdtime and stand-by period; Selectable daylight threshold and freedom of detection area.



With sufficient natural light, the light does not switch on when presence detected.



With insufficient natural light, the sensor will switch on the light automatically when a person enters the room.



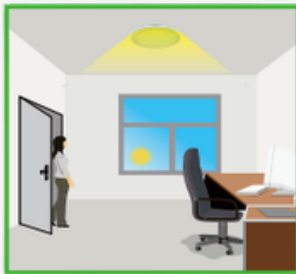
After people leave, the light still dims to 0/10/30/50% (options) standby level after the hold time.



Light switches off automatically after stand-by time elapsed.

DAYLIGHT HARVESTING FUNCTION (ONLY BY USING RC-100 REMOTE CONTROL)

Open the daylight harvesting function by choosing "👁️" button when remote control is in setting condition. Memory and maintain current ambient brightness.



When natural light is sufficient or it is dark, the light will turn on at 100% brightness when motion is detected.



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.



After hold time, light dims to the selected minimum level for stand-by period.



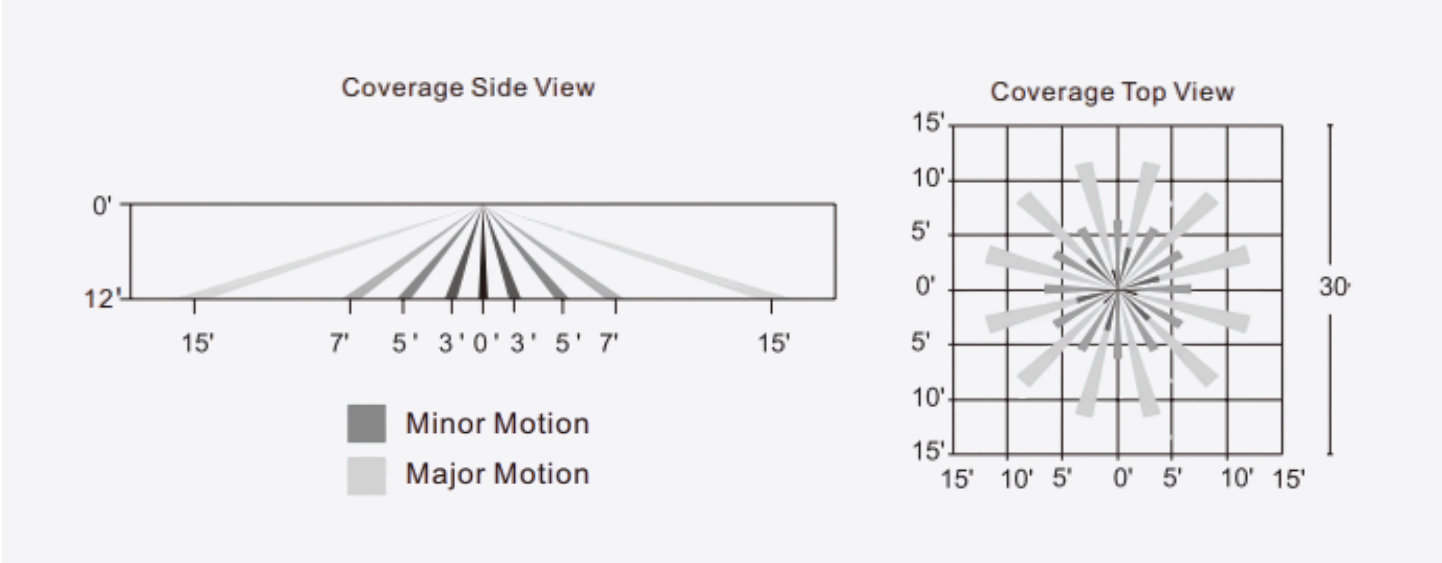
The light will switch off completely after the stand-by period.

Setting on this demonstration:
BRIGHTNESS: 100%
SENSITIVITY: 100%
HOLD TIME: 30MIN
DAYLIGHT SENSOR: 👁️
STAND BY DIM: 30%
STAND BY TIME: 1MIN

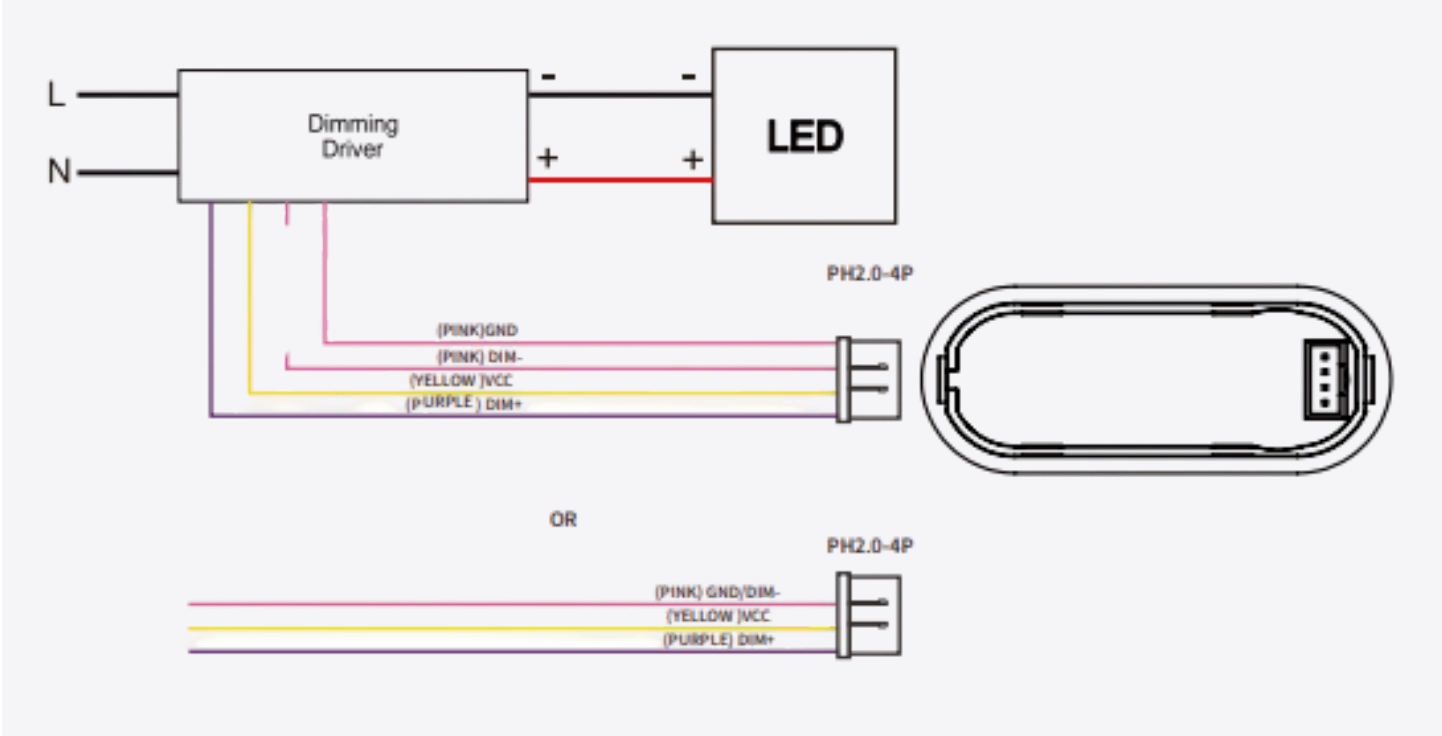


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COVERAGE PATTERNS



WIRING





PIR Occupancy Bi-level & Daylight Harvesting Sensor

PROJECT NAME	
CATALOG #	
JOB TYPE	
PREPARED BY	
NOTES	

ORDERING INFORMATION

Part #	Description
ANT-15P	PIR Occupancy Bi-level & Daylight Harvesting Sensor