

QI | PIR SENSOR
PLUG-IN MOUNTS INTO LUMINAIRE
 0-10V Dimming, 12-24 VDC

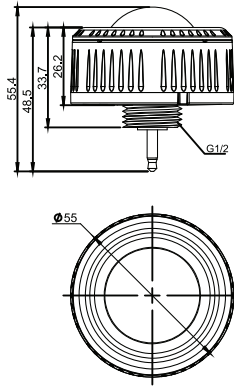
KEY FEATURES

ETi SSL's PIR Sensor easily mounts to light fixtures and provides multi-level control based on motion and/or daylight contribution. It controls 0-10 VDC LED drivers or dimming ballasts, and is rated for wet and cold locations.



Factory Sensor settings can be changed w/ (BCB-RCOP) handheld remote programmer accessory. (order separately)

DIMENSIONS



SPECIFICATIONS

Power supply	12V-24V DC, >30mA
Dim control output	0-10V, max. 25mA sinking current
Remote range	50ft. (15ml indoor, no backlight)
Dim control cutout	0-10V
Detection radius	20%/50%/75%/100% (1-8 m)
Mounting height	Max 40ft. (12 m)
Time setting	1 0s/1 min/5min/10min/15min/20min/30min/60min
Light control	24H/1 0LUX/30LUX/50LUX (0.9fc/2.8fc/4.6fc)
Temperature	4°F to 140°F / -20°C to 60°C
IP rating	IP65

Catalog Part Number	Order Number
QI-PIR-OCC	70226101

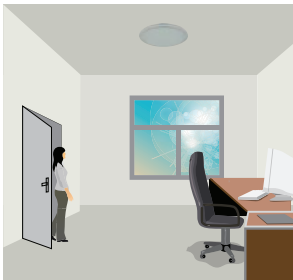


⚠ WARNING

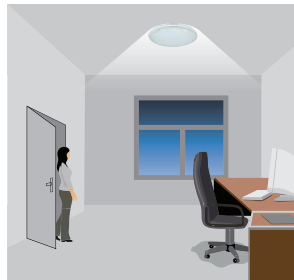
- NOTE:** Warm up time is 40 seconds after initial power is applied. The LED light will stay on for 40 seconds and get to normal mode.
- NOTE:** Factory Default Setting: 100% sensitivity, Hold on time: 5 min., Daylight sensor is ☀, Dimming level: 30%, Dimming time: 60 minutes
- NOTE:** When sensor settings are uploaded from the remote, the LED light will turn on then off to confirm upload is completed.

Corridor Function

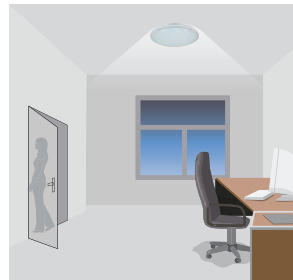
This function takes into consideration natural light conditions and motion for optimal performance and reduced energy usage. The sensor offers 3 performance levels: 100% to dimmed light (natural light is insufficient) to off; and 2 periods of selectable waiting time: motion hold-time and stand-by period; Selectable daylight threshold and freedom of detection area.



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



With insufficient natural light, the light turns on when presence is detected.



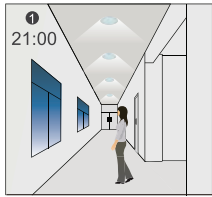
After hold-time, the light dims to stand-by level if the surrounding natural light is below the daylight threshold.



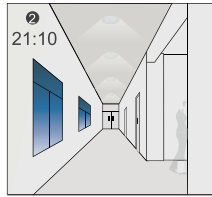
Light switches off automatically after the stand-by period elapses.

Daylight Sensor Function

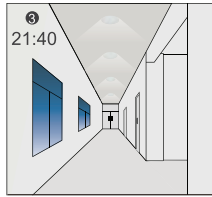
Open the daylight sensor by push **(I)** when remote control is in setting condition.



The light switches on at



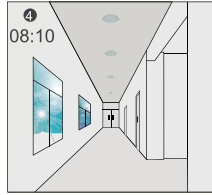
The light dims to stand-by



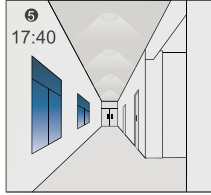
The light remains in dimming

Settings on this demonstration:
 Hold-time: 30min.
 Setpoint to light on: 50 lux (4.6fc)
 Setpoint to light off: 300 lux (28fc)
 Stand-by Dim: 10%
 Stand-by period: + ∞
 (when the smart photocell sensor open, the stand-by time is only + ∞)

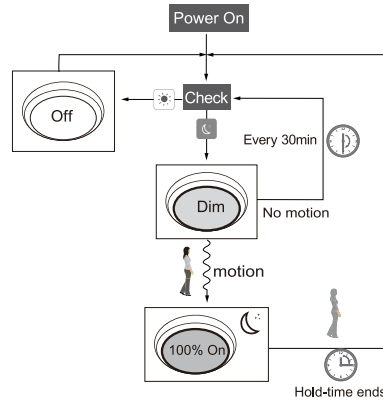
1 → **2** → **3** goes in cycle at night ...
 100% on when movement detected, and dims to 10% in long absence.



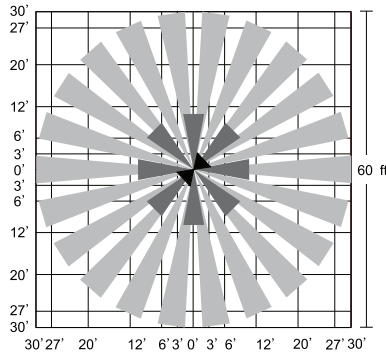
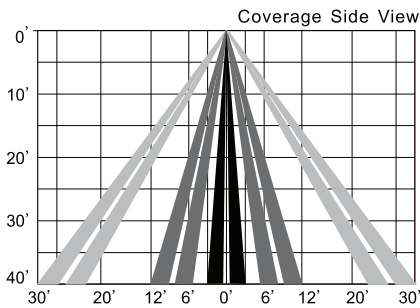
When the natural light level exceeds setpoint off to light, the light will turn off even if when the space is occupied.



The light automatically turns on at 10% when natural light is insufficient (no motion).



SENSOR COVERAGE



Easy Install

Simply remove 1/2" knockout then twist in the sensor. Sensor is set to Universal Mode. Setting is programmable using the remote control (sold separately).

