INDOOR

tgs

Date:	
Project Name:	
Sku #:	

RCP™

Round Parking Garage/Canopy Fixture

BUY AMERICAN ACT COMPLIANT

APPLICATIONS

Commercial and Industrial

FEATURES

Construction

- Die-cast Aluminum Housing

Finish

- White

Electrical & Technical

- Input Voltage: 120-277V
  347V◊ [Option for 60W]
- Input Frequency: 50/60Hz
- Projected Life: L70 > 75,000 hrs
- PF: >0.9
- CRI: >80
- THD: <20%
- CCT: 3000K*, 4000K or 5000K
- Operating Temp.: -22°F~122°F
- Wet Location Rated
- Emergency Battery Backup Driver [Option] [Factory Install]

Optical

- PC Lens
- 120° Beam Angle

Installation/Mounting

- Surface Mount [Standard]
- ¾" Pendant Mount [Standard] [Stem not included]

Controls

- 0-10V Dimming [Standard]
- Integrated Bi-level Occupany/Daylight Harvesting Sensor [Option] [Factory Install]

Lumen Output

- 30W: 3,600lm
- 45W: 5,400lm
- 60W: 7,200lm
- 90W: 11,600lm

Warranty

- 5 Year Warranty

See warranty documentation for more information.

WET LOCATION

c UL us LISTED

DLC LISTED PREMIUM

ORDERING INFORMATION

EXAMPLE: RCP-30W-40-U-D-W-BAA

RCP-S

Series	Wattage	CCT	Input Voltage	Dimming	Finish	Controls Option	BAA
RCP-S	30W 45W 60W	30 - 3000K* 40 - 4000K 50 - 5000K	U - 120-277V H - 347V◊	D - 0-10V Dimming	W - White	[Blank] No Sensor M - Bi-level Occupancy/Daylight Harvesting Sensor W - WATTSTOPPER® Occupancy Sensor	BAA
	90W		U - 120-277V				

Note:
◊ High Voltage is only available for 60W.

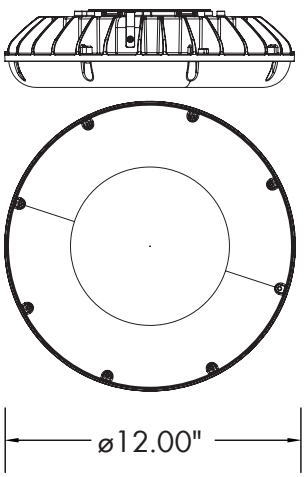
Accessories
RCP-S-EM (Emergency Battery Backup Driver) RC-RC-100 (Wireless Configuration Tool)

9601 Variel Ave, Chatsworth, CA 91311
(818) - 206 - 4404

RCP™

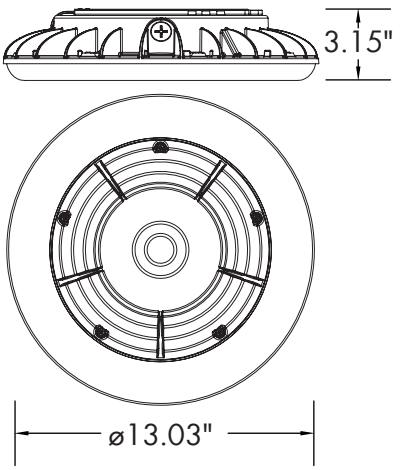
Round Parking Garage/Canopy Fixture

DIMENSIONS



30W/45W/60W

Weight: 5.29 lb. (30W)
Weight: 5.40 lb. (45W)
Weight: 5.76 lb. (60W)



90W

Weight: 6.20 lb. (90W)

LUMEN OUTPUT

SKU	Wattage (W)	Delivered Lumens (lm)	Efficacy (lm/W)
RCP-S-30W-50K-U-D-BAA	30	3600	120
RCP-S-45W-50K-U-D-BAA	45	5000	111
RCP-S-60W-50K-U-D-BAA	60	7100	110
RCP-S-90W-50K-U-D-BAA	90	11600	129

ACCESSORIES

¾" Pendant Mount
(Stem Not Included)

Bi-level Occupancy/
Daylight Harvesting Sensor
[Factory Installed]
[M]

WATTSTOPPER®Occupancy
Motion Sensor (FSP-311)
[Factory Installed]
[W]

Emergency Battery
Backup
[Factory Installed]
(Option)
[RCP-S-EM]

Wireless
Configuration
Tool
(Sold Separately)
[RC-RC-100]

CONTROL PRE-COMMISSIONING

Default setting are indicated by*

High-End Trim/ Tuning	Time Delay	Daylight Harvesting	Stand-by Light Level Setting	Stand-by Time Setting
20% - 8' height (48' dia.)	10s	**Light Sensor Disabled***	0%	∞
50% - 20' height (40' dia.)	1min	1FC (10lux)	**10%***	1min
75% - 40' height (60' dia.)	**10min***	3FC (30lux)	30%	30min
100%* - 40' height (100' dia.)	15min	5FC (50lux)	50%	**60min***

High-End Trim/Tuning:
Setting that determines the maximum lumen output for each space through high-end trim tuning, can be reduced lighting electrical usage by up to 30 percent.

Time Delay:
The light can be set to stay ON for any period of time between approx. 10 sec. to a maximum of 60 min.
Any movement detected before this time elapse will re-start the timer.

Daylight Harvesting:
The chosen light response threshold can be disabled or respond when photocell detects foot candle levels 1-5 FC

Stand-by Light Level:
Setting determines how much lumen output is dimmed down to when no motion is detected.

Stand-by Time:
Setting determines how long after stand-by light level occurs the light will shut off. Up to 60 minutes.

CONTROL PRE-COMMISSIONING - WATTSTOPPER®

legrand®

1. High Mode: When the sensor detects motion the dimming control output ramps up to the selected HIGH light level (default is 10V).

2. Low Mode: After the sensor stops detecting motion and the time delay expires the dimming control output fades down to the selected LOW light level (default is 1V).

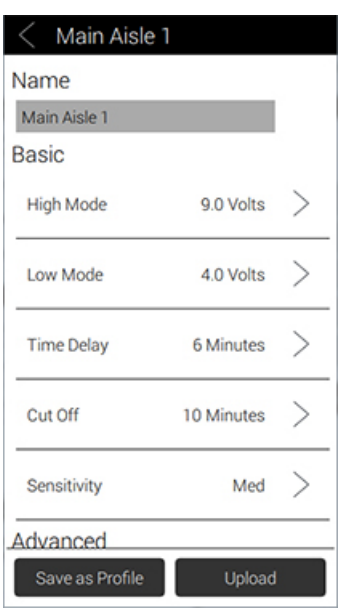
3. Time Delay: The selected time period that must elapse after the last time the sensor detects motion for the electric lights to fade to LOW mode (default is 5 minutes).

4. Cut Off: The time period that must elapse after the lights fade to LOW mode and the sensor detects no motion for the electric lights to turn OFF (default is 1 hour).

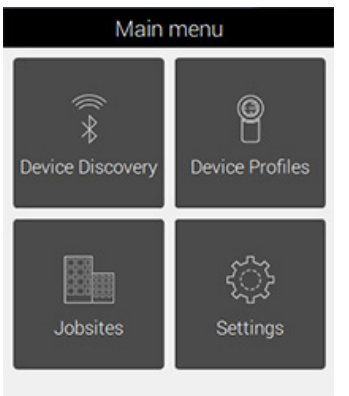
5. Sensitivity: The response of the PIR detector to motion within the sensor's coverage area (default is max).

6. Setpoint: When enabled, the selectable ambient light level threshold that will hold the electric lights off or at LOW level when the sensor detects motion (default is disabled).
   The Auto option invokes an automatic calibration procedure to establish an appropriate setpoint based upon the contribution of the electric light. As part of this procedure, the controlled load is turned on for two minutes to warm up the lamp, and then switched off and on eight times, terminating in an off state. After this process, a new setpoint value is automatically calculated.

7. Hold Off: The selectable ambient light level threshold that will hold the lights off or at LOW level when the sensor detects motion (default is Disabled). A switch allows you to Enable or Disable this feature. If enabled, select Auto Format or Custom Value. If Custom is selected, the Range is 1 fc to 250 fc.
   The Auto option invokes an automatic calibration procedure to establish an appropriate setpoint based upon the contribution of the electric light. As part of this procedure, the controlled load is turned on to warm up the lamp, and then it is switched off and on eight times, terminating in an off state. After this process, a new setpoint value is automatically calculated. During this time, communication to the FSP-3x1 is disabled.



8. Ramp Up Time: Time period for light level to increase from LOW to HIGH (default is disabled; lights switch instantly).



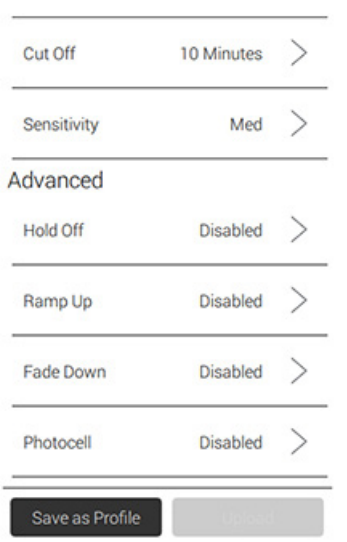
The Sensor Configuration App is a convenient tool for setting up FSP-3x1 sensors. Adjustable settings can be changed as needed for specific applications.

GET IT ON Google Play

Download on the App Store

9. Fade Down Time: Time period for light level to decrease from HIGH to LOW (default is disabled; lights switch instantly).

10. Photocell On/Off: When enabled, the sensor will force the load OFF after the light level has exceeded the selected photocell setpoint for at least a minute. It will also force the load ON when the light level goes below the setpoint, even if no motion is detected (default if disabled).



Once ON (initially at High), the load will dim to Low following the Time Delay, and to OFF following the Cut Off time. To ensure dusk to dawn control, Cut Off must be disabled.

The photocell On/Off setpoint is automatically set to maintain a deadband of at least 10 fc above the Hold Off Setpoint to prevent cycling if the two features are used together.