

**DESCRIPTION**

The RCL-CP round LED canopy/garage luminaire is a versatile solution designed for exceptional performance and energy efficiency. Featuring a domed lens to provide uplight and improved light distribution, it is available in two field-switchable power configurations; 21W-30W-40W or 40W-60W-70W. The RCL-CP also offers field-switchable CCT between 3000K, 4000K, and 5000K to suit various applications. Additional features include a high-performance light engine for maximum efficacy and heat dissipation, an optional integral occupancy sensor for energy savings, and an integral battery backup option for emergency applications. This luminaire is ideal for parking garages, schools, office complexes, light commercial developments, apartments, walkways, entryways, and stairwells.

**SPECIFICATIONS**

**Construction:**

- Die-cast aluminum housing with stainless steel hardware and white powder coat finish
- Hinged backbox with buckles allows for toolless access for easy surface mount installation and maintenance

**Optics/LEDs:**

- High transmittance UV-stabilized curved Fresnel lens allows for uplight
- 160° Distribution for optimal spacing
- Available in 2 lumen packages:
  - 40W Unit switchable between 21W-30W-40W – up to 5,899 lumens
  - 70W Unit switchable between 40W-60W-70W – up to 10,623 lumens
- Efficacies up to 155 LPW to maximize energy savings and utility rebates
- Color switchable between 3000K, 4000K and 5000K CCT. Switch is located inside backbox
- L90 of 50,000 hours at 55°C (131°F)
- CRI ≥80

**Electrical:**

- 120 - 277VAC driver, 50/60Hz
- 0-10V Dimming driver
- Power factor > 0.90
- Total harmonic distortion < 20%

**Installation:**

- Easy surface mount installation with toolless access hinged backbox. Can be surface mounted to standard 3-1/2" or 4" recessed square electrical J-box
- Four removable threaded plugs allow surface mounted 1/2" conduit feed
- Pendant mounted using a standard 1/2" or 3/4" downrod and hardware (supplied by others)

**Options:**

- Integral battery backup option (BB) offers up to 1,050 lumens for 90 minutes of emergency illumination for path of egress. Rated for temperatures of 5°C to 40°C (41°F to 104°F)
- Integral microwave sensor (SC) option behind the lens. Sensor allows for three step/level dimming and has optional daylight harvesting capabilities. Settings can be adjusted via optional remote control accessory. See sensor details for default sensor settings.

**Accessories:**

- Bluetooth enabled dimming occupancy sensor, PIR, white finish ([LE-MS3W-KIT-WH-A-R](#))
- Remote control for Option: SC sensor (TL-MSSW-REMOTE)

**Warranty:**

- Five Year Warranty (Terms and Conditions Apply)

Model: \_\_\_\_\_ Date: \_\_\_\_\_  
 Accessories: \_\_\_\_\_  
 Job Name: \_\_\_\_\_ Type: \_\_\_\_\_



Specs at a Glance		
Model	RCL40	RCL70
Wattage (W)*	21W-30W-40W Switchable	40W-60W-70W Switchable
Lumens (lm)	2,708 - 5,899	5,360 - 10,623
Efficacy (LPW)	Up to 155	
CCT (K)	3000K-4000K-5000K Switchable	
CRI	≥80	
Input Voltage	120-277VAC, 50/60Hz, 0-10 Dimmable	
Operating Temp	-40°C to 50°C (-40°F to 122°F)	
Certifications	cULus Listed for Wet Locations, IP65, IK08 DLC PREMIUM	
Warranty	5 Years	

\* Nominal Wattage. Tested at 3000K CCT, 150 Lm/W  
 See performance table for detailed lumen information.

**Testing & Compliance:**

- cULus Listed for Wet Locations
- IP65 Rated
- DesignLights Consortium® (DLC) PREMIUM qualified
- IK08 Rated
- Operating temperatures: -40°C to 50°C (-40°F to 122°F)

**Ordering Information** (Example: RCL40-CP-WH-BB)

Series	CCT	Finish	Options (Factory Installed)
RCL40 = 21W-30W-40W	CP = Power & CCT Selectable (3000K-4000K-5000K)	WH = White	BB <sup>1</sup> = Battery Backup
RCL70 = 40W-60W-70W			SC = Motion Sensor

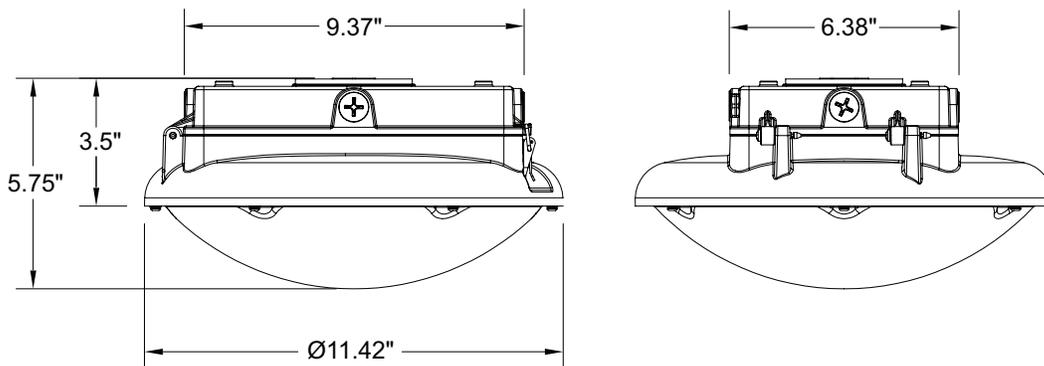
**Notes**

<sup>1</sup> Available for RCL40 configuration only	<b>LiteLogic Accessories<sup>2</sup></b> (Field Installed, Order as Separate Line Item)
<sup>2</sup> Order as separate line item	<b>LE-MS3W-KIT-WH-A-R<sup>3</sup></b> = Bluetooth Enabled Dimming Occupancy Sensor, PIR, White Finish
<sup>3</sup> Not suitable for use in direct sunlight	TL-MSSW-REMOTE = Remote Control for Sensor (SC only)

**Performance Table**

Model	Wattage	CCT	Lumen Output (lm)	Efficacy (LPW)
RCL40-CP-WH (21W, 3000K)	21W	3000K	2,708	129
RCL40-CP-WH (21W, 4000K)	21W	4000K	2,976	142
RCL40-CP-WH (21W, 5000K)	21W	5000K	2,988	142
RCL40-CP-WH (30W, 3000K)	30W	3000K	4,171	139
RCL40-CP-WH (30W, 4000K)	30W	4000K	4,489	150
RCL40-CP-WH (30W, 5000K)	30W	5000K	4,435	148
RCL40-CP-WH (40W, 3000K)	40W	3000K	5,360	134
RCL40-CP-WH (40W, 4000K)	40W	4000K	5,899	147
RCL40-CP-WH (40W, 5000K)	40W	5000K	5,743	144
RCL70-CP-WH (40W, 3000K)	40W	3000K	5,360	134
RCL70-CP-WH (40W, 4000K)	40W	4000K	5,899	147
RCL70-CP-WH (40W, 5000K)	40W	5000K	5,743	144
RCL70-CP-WH (60W, 3000K)	60W	3000K	8,800	147
RCL70-CP-WH (60W, 4000K)	60W	4000K	9,324	155
RCL70-CP-WH (60W, 5000K)	60W	5000K	9,081	151
RCL70-CP-WH (70W, 3000K)	70W	3000K	9,583	137
RCL70-CP-WH (70W, 4000K)	70W	4000K	10,623	152
RCL70-CP-WH (70W, 5000K)	70W	5000K	10,422	149

**Dimensions**



**Sample Photometry**

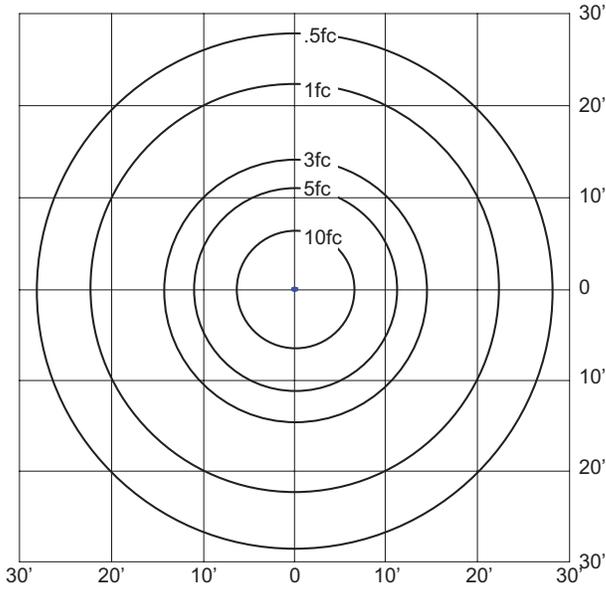
**RCL70-CP-WH (60W, 3000K)**

IES: TYPE VS Very Short

MOUNTING HEIGHT: 10'

TILT: ZERO

HORIZONTAL SPACING CRITERIA: 1.56



**Sensor Details - Bluetooth Enabled (Accessories LE-MS3W-KIT-WH-A-R) [Click here for sensor details](#)**



LE-MS3W-WH-AUX-HB1

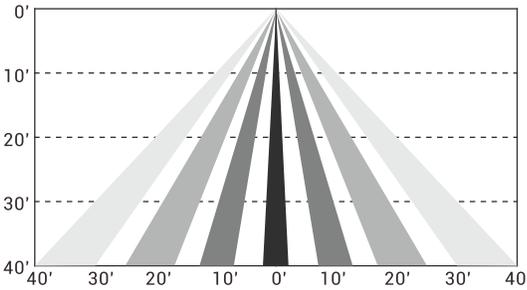


LE-RECPTW-WH-AUX

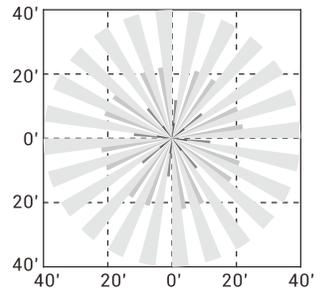


LE-ADAPTERW-WH-AUX

**Coverage Side View**



**Coverage Top View (40')**



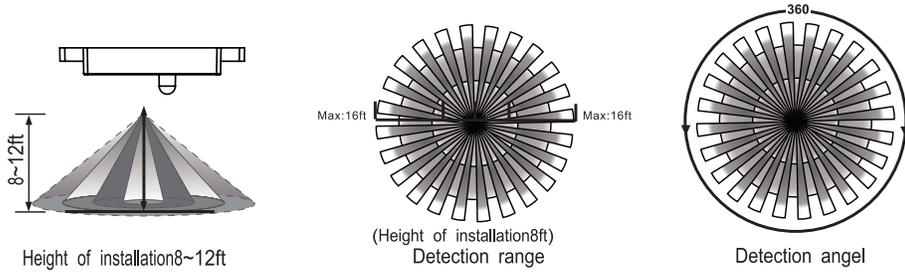
**SEE APP FOR  
SENSOR SETTINGS**

For a complete list of **LiteLogic** compatible products, [click here](#).



**Note:** Bluetooth sensor controls do not allow for CCT selection using the app. CCT must be manually selected on the fixture.

### Sensor Details (Option SC and TL-MSSW-REMOTE Accessory)



### Sensor Settings (TL-MSSW-REMOTE)

DETECTION RADIUS/ANGLE	MAX 60'/360°
MOUNTING HEIGHT	MAX 40'
REMOTE RANGE	MAX 33'
FREQUENCY	5.8 GHz
HIGH MODE	70%, 80%, 90%, 100% (DEFAULT 100%)
SENSITIVITY	20%, 50%, 75%, 100% (DEFAULT 100%)
HOLD TIME	10sec, 1min, 5min, 10min, 15min, 20min, 30min, 60min (DEFAULT 5min)
DAYLIGHT HARVESTING	 , (disabled), 10Lux, 30Lux, 50Lux, 100Lux, 150Lux, 200Lux, 300Lux (DEFAULT disabled)
STANDBY DIM SETTING	0, 10%, 20%, 30%, OFF (∞), (DEFAULT 30%)
STANDBY TIME SETTING (TO OFF)	ON (disabled), 1min, 30min, 60min (DEFAULT 30min)



TL-MSSW-REMOTE  
(Sold Separately)