LITETRONICS®

PROJECT:			
CATALOG #			
TYPE:		DATE:	

LED SQUARE GARAGE LIGHT

SELECTABLE CCT & SELECTABLE WATTS

DESCRIPTION

The LED Square Garage Light with Selectable CCT and Selectable Watts offers an affordable option for facility managers to upgrade parking garage lighting to LED, creating better visibility and making it an overall safer environment for visitors, while significantly reducing operating and maintenance costs.

Certified as a DLC Premium product, this luminaire goes above and beyond the minimum rating, delivering up to 140 LPW. It's high efficiency combined with 120° beam angle ensure wide-spreading, uniform light, potentially decreasing the number of fixtures needed in a space. The optional microwave, PIR and Bluetooth motion sensors takes savings a step further, enabling occupancy sensing and daylight harvesting, each fully programmable on unit with optional SCR053 or SCR054 remotes, and the LiteSmart app.

This unit is designed for easy installation, with surface or pendant mounting capabilities. The easy-mount connecting plate enables hands-free wiring for surface mounting, saving effort, time and cost on the installation process.

FEATURES

- DLC Premium (140 LPW)
- Programmable sensor for occupancy and daylight sensing (Optional)
- Sensor remote controls:
  SCR053 (Optional)
  SCR054 (Optional)
- Bluetooth sensor (LiteSmart) (Optional)
- UL924 Compliant with 12V Sensor
- IP65 wet rated
- 0-10V Dimming
- 5 year warranty
- 50,000 hour rated life
- Easy installation for surface or pendant mounting

MARKETS

- Parking Garages
- Covered walkways
- Entranceways
- Canopies
- Soffits

MOUNTING

- Surface
- Pendant

CERTIFICATIONS

DLC LISTED PREMIUM · c UL us · FEDERAL COMMUNICATIONS COMMISSION FC USA · RoHS Compliant

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SPECIFICATIONS

Life (@L70): 50,000 hours
Warranty: 5 years

PERFORMANCE

Operating temp: -40°F to 113°F (-40°C to 45°C)
Efficacy (LPW): 140
CRI: 80

ELECTRICAL

Input voltage: 120-277V
Input frequency: 50/60Hz
PF: ≥0.90
THD: <20%
Surge protection: 6KV
Dimming: 0-10V
Minimum dimming: N/A
Aux. Voltage: 12V
Whip/Cord: 12"
Sensor: Plug-In (Choice of MW, PIR, Bluetooth) (Optional)

OPTICAL

Beam: 120°
Lens: Polycarbonate Frosted
UGR: <28

PHYSICAL

Color: White
Housing: Aluminum

INDUSTRY STANDARDS/RATINGS

IP: 65
IK: N/A
Location: Wet
IC: No
UL/ETL: UL, UL924 Compliant with 12V Sensor
FCC: Yes
RoHS: Yes
DLC: 5.1 Premium

MOUNTING

Standard: Plate included for surface mounting, or 3/4" NPT threaded boss for pendant mounting.

ACCESSORIES

Sensors SC005, SC006 and SC008

DIMENSIONS / WEIGHT

ORDER#	LENGTH	WIDTH	HEIGHT	WEIGHT
GL80	10.24"	10.24"	2.36"	4.96 Lbs.

ORDERING INFORMATION

ORDERING CODE	DESCRIPTION	SIZE	MAX WATTAGE	VOLTS	CCT (K)	LUMENS
GL80	LED Selectable Square Garage Light	10.24" x 10.24" x 2.36"	40 | 60 | 80	120/277V	4000K | 5000K	5,600 | 8,400 | 11,200

ACCESSORIES

BCS03

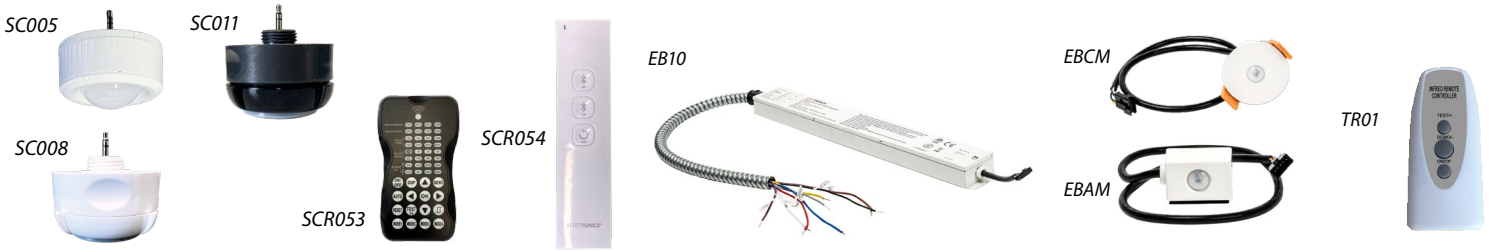
BCS05

BLUETOOTH CONTROL SWITCHES

MODEL #	DESCRIPTION	USAGE
BCS03	Bluetooth button battery powered wall switch	Used to control functionality of the fixture; on/off, dimming, daylight harvesting and scene selection. Dimensions: 1-1/4" width x 2 5/8"height x 1/2"depth.
BCS05	Bluetooth 7 Button AC Powered Wall Switch 120-277V	AC powered wall switch used to control functionality of the fixture; on/off, dimming and scene selection.

Note: Switches don't have CCT selectable capability.

ACCESSORIES



MODEL #	DESCRIPTION	USAGE
SC005	Plug-in PIR Sensor	Enable occupancy sensing and daylight harvesting on pluggable fixtures.
SC008	Plug-in Bluetooth PIR Sensor with IR	This sensor enables wireless control of fixtures, or groups of fixtures, through the LiteSmart mobile app.
SC011	Plug-In Bluetooth PIR Sensor with IR	This sensor enables wireless control of fixtures, or group of fixtures, through the LiteSmart mobile app.
SCR053	Remote Control for plug-in PIR and Microwave sensors	Used to adjust sensor settings after installation, from the ground.
SCR054	Remote Control	Used to Commission LiteTronics "Next Generation" LiteSmart IR-Enabled Sensor.
EB10	10W Emergency Battery Backup	Supplies battery backup to an individual fixture for up to 90 minutes. Must be ordered with EBCM or EBAM indicator module.
EBCM	Ceiling-Mounted Indicator Module	This Ceiling-Mounted Indicator Module (EBCM) can be used with one of Litetronics' emergency battery backup products (EB10, EB10N or EB20) to provide a visual confirmation of the operational status of the EBB unit. This module is typically used in grid ceiling applications where it is recess mounted in a panel adjacent to the fixture.
EBAM	Adhesive-Mounted Indicator Module	This Adhesive-Mounted Indicator Module (EBAM) must be used with one of Litetronics' emergency battery backup products (EB10, EB10N or EB20) to provide a visual confirmation of the operational status of the EBB unit. This module is typically used in open ceiling or drywall ceiling applications where the module is applied to the side of the fixture, mounting kit, or a nearby structural element.
TR01	LED Emergency Light Test Remote	This accessory is required to operate and test the EMBB. • Only one remote required per area, building or site as necessary.

WIRELESS CONTROL WITH PLUGGABLE SENSORS

The optional PIR Sensors (SC005), and optional Bluetooth PIR Sensor with IR (SC008, SC011) use a remote control for easy setup and control of individual fixtures.

LITESMART

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LiteSmart is a mobile app that enables total management of lighting systems at the touch of your fingers. Within the app, all functionality can be set up and controlled; on/off, dimming, grouping, scene creation and time scheduling. Adjustments can also be made to the occupancy sensor and daylight harvesting settings, then implemented across an entire group in seconds.

- Total control over your lighting system
- Quick and easy changes that can be implemented in seconds across a group of fixtures
- Further energy reduction via occupancy sensing, daylight harvesting and max wattage control
- Ability to create custom scenes based on specific needs, such as presentations
- Time scheduling that sets hours of operation per day

The smart PIR sensor uses a remote control (SCR054) to Commission LiteTronics "Next Generation" LiteSmart IR-Enabled Sensor, sold separately.

Set up and manage your space with LiteSmart. Use the remote switch for everyday control.

Disclaimer: Specifications are subject to change without notice. While Litetronics makes every effort to ensure accuracy, we do not guarantee the completeness or reliability of the information provided. For the most current product data, please visit www.litetronics.com.

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