

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 and PIR motion sensor takes savings a step further, enabling occupancy sensing and daylight harvesting, each fully programmable on unit with 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 with occupancy and daylight sensing (Optional)
- Sensor remote control
- Bluetooth sensor (LiteSmart)
- 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

MOUNTING

- Surface
- Pendant

MARKETS

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

CERTIFICATIONS



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

Driver Class: N/A

Whip/Cord: 12"

Sensor: Plug-In (Choice of MW, PIR, Bluetooth)

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.

DIMENSIONS / WEIGHT

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

ORDERING INFORMATION

Listed below are the max wattage settings and lumens for each model number.

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



BCS02



BCS03



BCS05

BLUETOOTH CONTROL SWITCHES

MODEL #	DESCRIPTION	USAGE
BCS02	Solar bluetooth control switch	Used to control functionality of the fixture; on/off, dimming, daylight harvesting and scene selection.
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.
SC006	Plug-in Microwave Sensor	Enable occupancy sensing 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.
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. <u>Must be ordered with EBCM or EBAM indicator module.</u>
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 Sensor (SC005), MW (SC006), and Bluetooth PIR Sensor with IR (SC008) use a remote control for easy setup and control of individual fixtures.



LITESMART



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.



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