KEENE
by Signify

LED

Keene Garage and Canopy Round Dual Select LED luminaire is exactly what you need when searching for durable, cost-effective lighting for parking garages, covered walkways and outdoor canopies. Compact and efficient, it has durable, weather tight construction and a rugged, UV-stabilized clear lens.

Project:

Location:

Cat.No:

Type:

Lamps: Qty:

Notes:

Ordering guide

Example: GCR60-SCT-G1-SM-5-10-BZ

Luminaire	LED Color SCT	Generation G1	Mounting SM	Distribution 5	Voltage 10	Finish BZ
GCR60 Garage & Canopy Round LED 28W–40W–60W **GCR90** Garage & Canopy Round LED 70W–80W–90W	**SCT** Selectable 3000K,4000K & 5000K, 70CRI	**G1** Generation 1	**SM** Surface Mount	**5** Type 5 Symmetric	**10** 120–347V	**BZ** Bronze

LED Wattage and Lumen Values

Ordering Codes	Total LEDs	System Current (mA)	Color Temp.(K)	Average System Wattage[1]	Lumen Output[1,2] (lm)	Efficacy (LPW)	Weight (kg)
GCR60-SCT-G2-SM-5-10-BZ	168PCS	1300mA/120V 860mA/120V 600mA/120V	3000/4000/5000 3000/4000/5000 3000/4000/5000	28 40 60	28W/3870-4730lm 40W/5130-6270lm 60W/7470-9130lm	125lm/138lm/140lm 125lm/135lm/132lm 120lm/129lm/125lm	3.28
GCR90-SCT-G2-SM-5-10-BZ	280PCS	1900mA/120V 1650mA/120V 1420mA/120V	3000/4000/5000 3000/4000/5000 3000/4000/5000	70 80 90	70W/9000-11000lm 80W/9990-12210lm 90W/10890-13310lm	125lm/135lm/133lm 125lm/131lm/128lm 121lm/128lm/124lm	3.76

1. Wattage and lumen output may vary by +/-8% due to LED manufacturer forward volt specification and ambient temperature.
2. Lumen values based on photometric tests performed in compliance with IESNA LM-79.

Predicted Lumen Depreciation Data

Ordering Codes	Ambient Temperature °C	LED Current mA	Driver Output Current mA	L_{70} per TM21[1,2]	Lumen Maintenance @ 60,000hrs
GCR60-SCT-G1-SM-5-10-BZ	25°C	108mA	1300mA	>60,000hrs	70%
GCR90-SCT-G1-SM-5-10-BZ	25°C	95mA	1900mA	>60,000hrs	70%

1. L70 is the predicted time when LED performance depreciates to 70% of initial lumen output.
2. Calculated per IESNA TM 21-11. Published L70 hours limited to 6 times actual LED test hours.

Accessories (order separately)

Ordering Code	Description
GC60/90-MH10	Garage & Canopy DualSelect Controller

Remote Controller

GC   LED Garage & Canopy Dual Select Luminaire

60W and 90W

Dimensions

13.03"±0.2"
(ø330, 9mm±5mm)

13.03"±0.2"
(ø330, 9mm±5mm)

4.34"±0.2"
(110, 3mm±5mm)
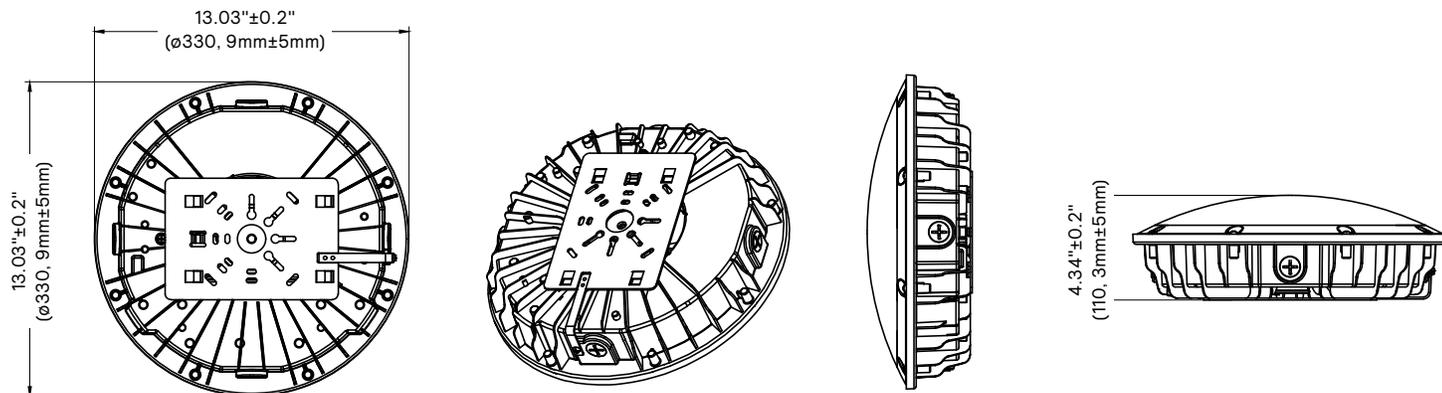
Approximate Luminaire Weight

60W: 5.29lb (2.4kg)
90W: 9.92lb (4.5kg)

Specifications

Housing and Heat Sink

Single piece die cast Aluminum alloy. Housing also acts as a heat sink, designed to ensure high efficacy and superior cooling by natural convection. Air flow pattern always close to LEDs and driver optimizing their efficiency and life. Product does not use any cooling device with moving parts (only passive cooling).

Mounting

Die formed steel plate is supplied for mounting to a recessed or surfacemounted 4" (10.16 cm) junction box (by others) – flush ceiling mount to a recessed junction box, or direct mount to a surface-mounted junction box. Integral hanger on the plate supports the luminaire during wiring. Single screw secures luminaire for quick and easy installation.

Lens

UV stabilized polycarbonate clear lens with extruded silicone gasket surrounding the entire perimeter of the LED light engine and electronics compartment providing an IP65 seal. Lens secured with tamper-resistant screws.

Light Engine

Composed of 3 main components: LED Module/ Optical System/Driver. Electrical components are RoHS compliant.

LED Module

Selectable Color temperature: 3000K, 4000K and 5000K. CRI 70.

Optical System

Type V symmetric distribution, optimized for target lumens and a superior lighting uniformity.

Driver

120–347V electronic driver, operating range 50/60Hz, Class 2.

Other Integrated Features

Surge Protection: Each luminaire is provided as standard with 10kV surge protection.

Integrated Motion and Daylight Sensor

Equipped with an integrated Motion and Daylight Sensor, controlled by a remote hand-held programming device (GC60/90-MH10) not included in the fixture. Information in Page 3.
Sensor Default Setting:

60W
Hold-on time: 5 min, Dimming level 50%, 150lux (active motion sensing), Daylight priority, 100% detection area.

90W
Hold-on time: 5 min, Dimming level 50%, 150lux (active motion sensing), Daylight priority, 75% detection area.

Hardware

All exposed screws shall be stainless and/or corrosion resistant and captive. All seals and sealing devices are made and/or lined with EPDM and/or silicone and/or rubber.

Finish

Fade and abrasion resistant, electrostatically applied, powdercoat textured bronze finish.

LED Products Manufacturing Standard

The electronic components sensitive to electrostatic discharge (ESD) such as light emitting diodes (LEDs) are assembled in compliance with EC61340-5-1 and ANSI/ESD S20.20 standards so as to eliminate ESD events that could decrease the useful life of the product.

Certifications and Compliance

cULus Listed for Canada and USA. DesignLights Consortium qualified. Entire luminaire is rated for operation in ambient temperature of -40°C (-40°F) up to +40°C (+104°F).

IP65 Rating

Entire luminaire including light engine and driver/electrical compartment IP65 rated.

Limited Warranty

5-year limited warranty. See signify.com/warranties for details and restrictions. Visit our eCatalog or contact your local sales representative for more information.

Stonco KEENE
by Signify

Garage & Canopy
GC60/90-MH10
MH10 hand-held wireless
Remote Control

Remote Control Setting	Button	Remarks
	ON/OFF	Press the "ON/OFF" button, the light goes to constant on/off mode, sensor is disabled, Press "Reset" "Auto mode" button to quit from this mode and the sensor starts to work.
	Reset	Press the "Reset" button, all parameters are same as setting of DIP switch or factory settings.
	Sensor motion	Press the "Sensor motion" button, the light quits from the constant on/off mode, and the sensor starts to work (The latest setting stays in validity)
	DIM Test	Press the "Dim Test" button, the 1-10V dimming works to test whether the 1-10Vdc dimming ports are connected properly. After 2s, it returns to the latest setting automatically.
	Dverride DH	Long press 3s, Daylight priority mode will be switched to daylight threshold mode, lux value will go back to previous one.
	DIM+ DIM-	Short press "DIM+/DIM-" button to Set the output lumen level, each press will ±2% light level
	DH Mode	Long press >3s, sensor will be switched to daylight priority mode; if preset daylight value is Disable, press DH Mode can not start daylight priority mode.

Spec Options	Detection Area	Hold Time	Stand-by period	Stand-by dim level	Daylight Sensor	Induction model
QS1	100%	5min	10min	10%	30Lux	Hs
QS2	100%	10min	30min	10%	Disable	Hs
QS3	100%	20min	30min	10%	Disable	Hs

Note: Detection area / Hold time / Stand-by period / Stand-by dim level / Daylight sensor can be adjusted by pressing the corresponding button. The latest setting will stay valid.

	Button	Remarks
	Q1 Q2 Q3	(see table above)
	TEST 2S	Press the "TEST 2S" bottom can enter the test mode any time. At the mode, the sensor parameters as below: Detection Area is 100%, Hold Time is 5s, Stand-by Dim Level is 10%, Stand-by Period is 0s, daylight sensor disable. This function only for testing. Quit the mode by pressing "RESET" or any other function buttons.
	HS LS	Press "HS" button to set the detection area to be high sensitive. Press "LS" button to set the detection area to be low sensitive. The adjustment bases on the "Detection Area" parameter you set.
	(daylight icon)	Daylight Sensor Set up daylight threshold: 5Lux/15Lux/30Lux/50Lux/100Lux/150Lux/Disable
	(clock icon)	Stand-by period Set up stand-by time: 0S/10S/1min/3min/5min/10min/30min/+∞
	(clock icon)	Hold time Set up hold time: 5S/30S/1min/3min/5min/10min/20min/30min
	(dim level icon)	Stand-by dim level Set up stand-by dim level: 10%/20%/30%/50%
	(detection icon)	Detection Area Set up detection area: 25%/50%/75%/100%
	5m 10m 15m	Remote Distance Toggle button can set the remote distance of remote control and sensor.