

GL2 Series
LED Garage Light Series



Description

GL2 Series LED garage light is an ideal solution for illuminating parking garages, canopies, and other applications requiring lowprofile luminaire that can be surface or pendant-mounted. With a die cast aluminum housing and a polycarbonate lens, the fixture will stand up to many years of punishing environmental conditions. High-efficiency, long-life LEDs provide both energy and maintenance cost savings compared to traditional canopy lights with HID, fluorescent or incandescent lamps.

Features

- Long-life LEDs provide a minimum of 40,000 hours of operation with at least 90% of initial lumen output (L₉₀). L90 hours are IES TM-21-11 calculated hours. L70 > 145,000 hours.
- Die cast aluminum housing with durable, white, powder coat paint.
- Lens: High light transmittance PC, anti-UV fire resistant.
- Color Temperature: 4000K (neutral white) standard.
- Driver: 100-277V, 50/60Hz
- 1-10VDC logarithmic dimming capability is standard.
- Power factor > 0.90, total harmonic distortion < 20%.
- Color rendering index > 80.
- Removable, threaded plugs for side attachment of 1/2" rigid electrical conduit.
- Integral dimming occupancy sensor.
- Easy installation in new construction or retrofit.
- Warranty: 5 years

Project:	
Catalog#:	
Approved by:	
Date:	

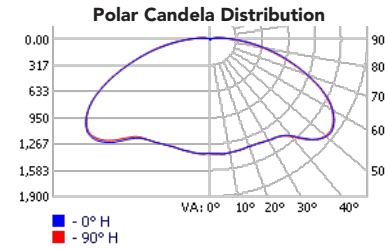
Applications

- Parking Areas
- Entrances
- Walkways
- Underpasses
- Loading Docks
- Recreation Areas

Warranty & Listings

- cULus listed for wet locations -20°C (-4°F) to 40°C (104°F).
- IP65 rated.
- 5-year warranty on all electronics and housing.

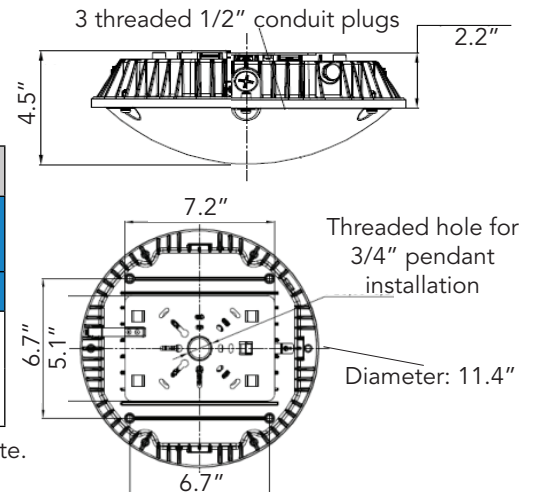
Photometrics (160° Batwing)



Mounting Options

- Junction box mounting plate is standard.
- Luminaire can also be directly surface-mounted to canopies by removing the lens, drilling holes in the cast housing, and screwing the luminaire to the canopy.
- Threaded hole on back of luminaire for 3/4" rigid electrical conduit also provides for pendant-mounting.

Dimensions



Ordering Information					
Model	Configuration	CCT	Voltage	Controls	Housing Color
GL2	-	40K	MV	S	W
GL2 (Garage Light Gen 2)	A: 41W, 5700 lm	40K: 4000K	MV: 120- 277VAC	S1: Integral Dimming Occupancy Sensor	W: White
	B: 62W, 8600 lm				

¹HL-RC-100 remote must be used to modify settings. One remote needed for a project site.

Factory Set Occupancy Sensor Settings, if equipped

Sensor equipped GL2 series fixtures utilize a remote controllable microwave sensor that offers occupancy based bi-level light control and daylight sensing. It requires HL-RC-100 remote, sold separately, for wireless access during setup and parameter changes. HL-RC-100 wireless remote uses bidirectional IR communication to send and receive sensor settings at mounting height up to 50 feet. The device can display previously established sensor setting, download sensor setting from one fixture, copy the settings, and upload chosen settings to another fixture. For projects where identical settings may be desired across a large number of fixtures, this capability provides a streamlined method of sensor programming.



- Brightness:** Set the output level of fixture during occupancy. (default 100%)
- Sensitivity:** Detection sensitivity to meet precise needs of each application. (default 100%)
- Hold Time:** Stay-on time at set brightness level after motion detection. (default 5min.)
- Daylight Sensor Setting:** Sensor setting to only allow the luminaire to illuminate below a defined ambient brightness threshold. Daylight sensor is active only when luminaire is off. (default disabled; fixture turns on whenever motion is detected)
- Stand-by Time:** Duration to stay at a dim level after hold time. (default 5 min.)
- Dimming Level:** Desired fixture dim level during Stand-by period. (default 5%)

Additional Field Adjustments with HL-RC-100 Remote

Brightness*	Sensitivity	Hold Time	Daylight Sensor Setting	Stand-by Time	Dim Level*
100%	100%	10s	Set to a site's lux levels	1m	12%
80%	75%	1min	10Lux (0.9Fc)	30min	5%
45%	50%	5min	30Lux (2.8Fc)	60min	2%
30%	20%	10min	50Lux (4.6Fc)	Stay on	N/A
		15min	100Lux (9.3Fc)		
		20min	300Lux (27.9Fc)		
		30min	500Lux (46.5Fc)		
		60min	Sunlight/Disable		

*GL2 fixture utilizes logarithmic dimming driver. Refer to table below for performance details.

Fixture Performance at alternate sensor settings

HL-RC-100 Selection [Effect on Fixture]		GL2-A Series (W)	GL2-B Series (W)	Remarks
Brightness	100% [100%]	41	62	Factory Set Brightness Can be selected in field
	90% [80%]	33	50	
	80% [45%]	19	28	
	70% [30%]	12	17	
Standby Level	50% [12%]	5	8	Factory Set - Standby Dim Level Can be selected in field
	30% [5%]	2	3	
	10% [2%]	1	1	
	0% [N/A]	N/A	N/A	