



CUSTOMER NAME \_\_\_\_\_  
PROJECT NAME \_\_\_\_\_  
DATE \_\_\_\_\_ TYPE \_\_\_\_\_  
CATALOG NUMBER \_\_\_\_\_

## EG2R LED Garage Light

The Evolve® LED Garage Light (EG2R) fixture features an advanced LED optic specifically designed for applications such as parking decks with low mounting heights to provide high uniformity and excellent vertical light distribution with reduced glare, illuminating your parking area with effective security light levels.

### Construction

<b>Lens:</b>	Impact resistant tempered glass
<b>Paint:</b>	Corrosion resistant polyester powder paint, minimum 2.0 mil thickness Standard = Gray, White (RAL & custom colors available)
<b>Weight:</b>	8 - 10 lbs.

### Optical System

<b>Lumens:</b>	5,000 lms
<b>Distribution:</b>	Symmetric Medium
<b>CCT:</b>	3000K & 5000K
<b>CRI (Min):</b>	≥70

### Electrical

<b>Input Voltage:</b>	120-277V
<b>Input Frequency:</b>	50/60Hz
<b>Power Factor(PH):</b>	> 90 at rated watts
<b>Total Harmonic Distortion (THD):</b>	≤ 20% at rated watts

### Surge Protection

<b>TYPICAL (120 STRIKES)</b>
6kV/3kA*

\*Per ANSI C136.2-2015

### Lumen Maintenance

#### Projected Lxx per IES TM-21 at 25°C

LUMEN CODES	LXX(10K) @ HOURS		
	25,000 HR	50,000 HR	60,000 HR
A5	L95	L93	L92

Note: Projected Lxx based on LM80 (≥ 10,000 hour testing). Accepted Industry tolerances apply to initial luminous flux and lumen maintenance measurements.

### Ambient Temperature Factor

AMBIENT TEMP (°C)	INITIAL FLUX FACTOR	AMBIENT TEMP (°C)	INITIAL FLUX FACTOR
10	1.02	30	0.99
20	1.01	40	0.98
25	1.00		

### Ratings

<b>Operating Temperature:</b>	-40° C to 40° C
<b>Vibration:</b>	1G per Per ANSI C136.31-2010:
<b>LM-79:</b>	Testing in accordance with IESNA Standards

### Controls

<b>Dimming:</b>	Standard - 0-10V Optional - DALI (Option U)
<b>Sensors:</b>	Photo Electric Sensors (PE) available LightGrid and Daintree Compatible

### Warranty

5 Year (Standard)

Not all product variations listed on the page are DLC qualified.  
To ensure that a specific model is qualified, visit [www.designlights.org/search](http://www.designlights.org/search).



## Ordering Information

**E G 2 R**

**0**

**A5**

**P**

**S**

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PROD. ID	VOLTAGE	OPTIC CODE	LENS TYPE	DRIVE CURRENT	CCT	MOUNTING ARM	COLOR	OPTIONS
E = Evolve	0 = 120-277V	A5 = 5040 lm	P = Prismatic Polycarbonate Lens	S = Standard	40 = 4000K	01 = Primary Electric Disconnect with MPM-C <sup>1</sup>	GRAY = Gray	D = Dimming <sup>2</sup>
G = Garage					50 = 5000K	02 = Primary Electric Disconnect with MPM-3PR <sup>1</sup>	WHITE = White	H = Motion Sensor
2R = Housing Round						04 = Primary Electric Disconnect with MPM-3PRW		
						05 = Primary Electric Disconnect with MPM-3PRTFW		
						06 = Primary Electric Disconnect with MPM-WW		
						11 = 3/4" Rigid Pendant Mount		
						20 = Surface Mounting with Slide On Wiring Box		

<sup>1</sup> Select for Damp Location Rated

<sup>2</sup> D option required for External Dimming (option H not needed with option D)

Optical Code	Dist Code	4000K	5000K	Typical System Wattage 120-277V	IES File Number	
					4000K	5000K
TA5	SM	5040	5040	56	ECLS01_T5SM740_120-277V	ECLS01_T5SM750_120-277V

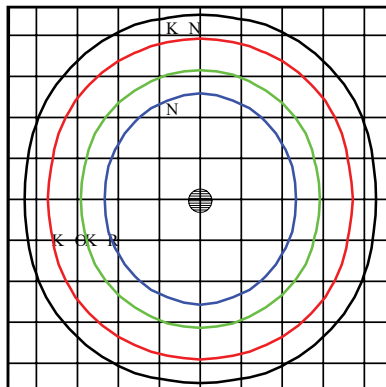
### EG2R

#### Type V – Symmetric (A5)

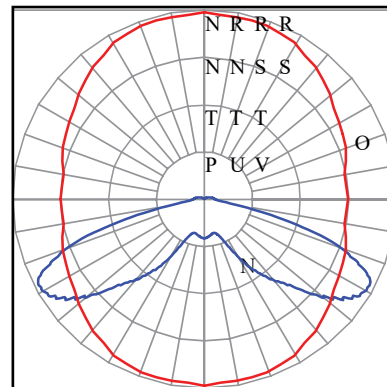
5,040 Lumens

5000K

EG2R\_A5PS50\_-120-277V.IES



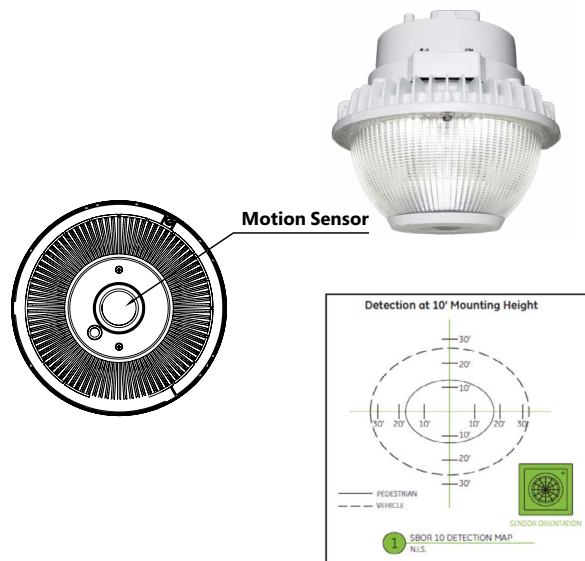
- Mounting Height at 10' Initial
- Footcandle at Grade



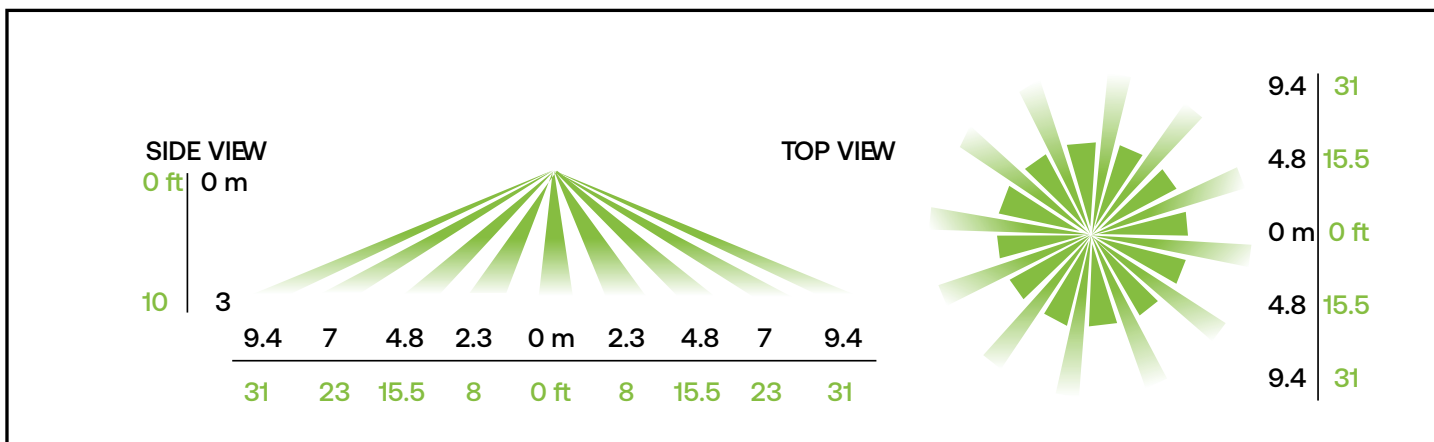
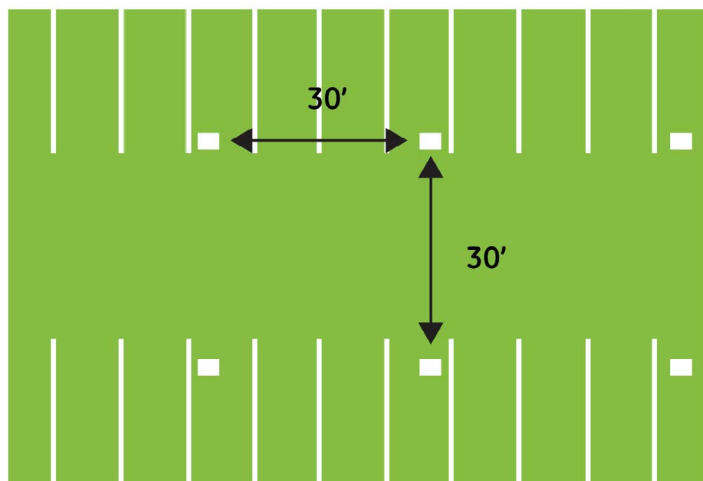
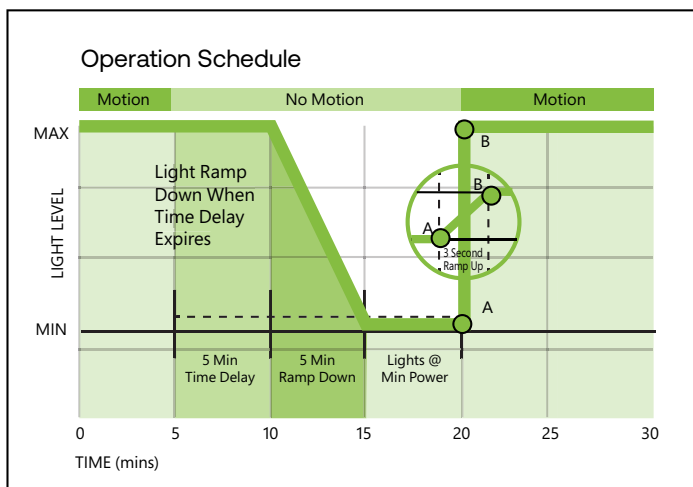
- Vertical plane through horizontal angle of maximum candlepower at 90°
- Horizontal cone through vertical angle of maximum candlepower at 62.5°

### H Motion Sensing Option

- Recommended for lower mounting heights between 8-15 ft, this sensor provides excellent pedestrian coverage of greater than 2x the mounting height.
- In a garage application, 360° of coverage is achievable, allowing the sensor detection to closely match the lighting distribution of a typical garage.
- Comes standard with 50% dimmed light output with no occupancy, and full power at occupancy.
- Comes standard with a 5 minute occupancy time delay and a 5 minute ramp-down to the 50% dimmed level.
- Standard options may be reprogrammed in the field. Contact manufacturer for reprogramming instructions.



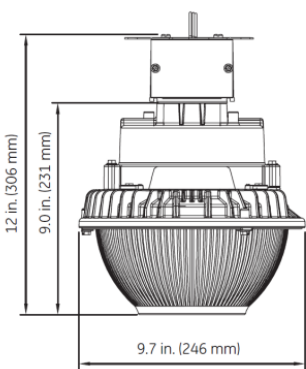
In a typical parking garage application with a mounting height of 10 ft., the sensor's coverage for walking motion extends out (30 ft.).



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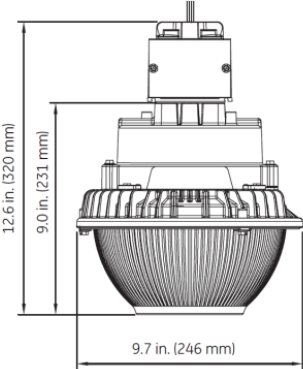
Mounting Option Code: 01, 20

Primary Electric Disconnect w/ MPM-c (01)  
Surface Mounting w/ Slide On Wiring Box (20)



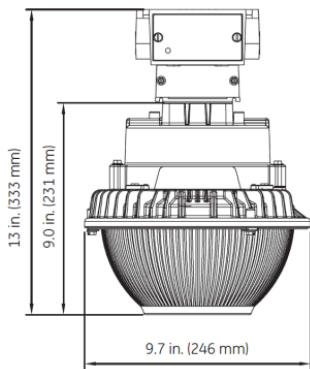
Mounting Option Code: 02, 04

Primary Electric Disconnect w/ MPM-3PR (02)  
Primary Electric Disconnect with MPM-3PRW (04)



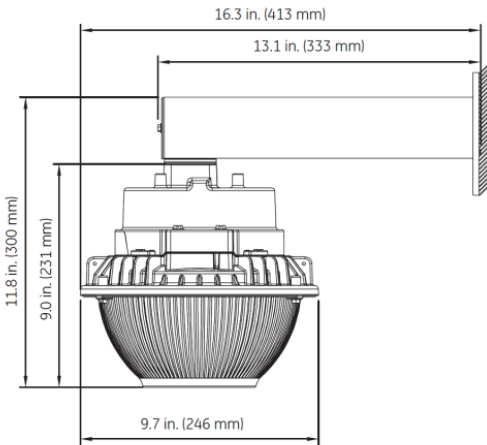
Mounting Option Code: 05

Primary Electric Disconnect w/ MPM-3PRTFW (05)



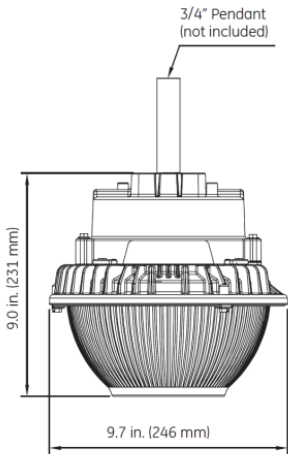
Mounting Option Code: 06

Primary Electric Disconnect w/ MPM-WW (06)



Mounting Option Code: 11

3/4" Rigid Pendant (standard) (11)



Mounting

Motion Sensor

- 01 = Primary Electric Disconnect with MPM-C1  
02 = Primary Electric Disconnect with MPM-3PR1  
04 = Primary Electric Disconnect with MPM-3PRW  
05 = Primary Electric Disconnect with MPM-3PRTFW  
06 = Primary Electric Disconnect with MPM-WW  
11 = 3/4" Rigid Pendant Mount  
20 = Surface Mounting with Slide On Wiring Box

SAP NUMBER	PART NUMBER	DESCRIPTION
Add Part #	Add Part #	Sensor Switch SBOR