



70W / 100W / 150W

## Product Overview

The GKORL01 Roadway Light provides uncompromising optical performance and outstanding versatility. It is 3G vibration rated for a wide variety of area and roadway lighting applications. Our customer-focused features include single latch toolless entry, industry leading surge protection options and superior lumen performance, all in a modern design.

## Key Features

### CONSTRUCTION:

- Rugged die-cast aluminium housing.
- Housing has direct contact with the driver to help maintain low temperature.
- 3G vibration rated for areas with traffic, meeting ANSI standards C136.31.
- Housing is completely sealed against moisture and environmental contaminants.

### FINISH:

- The exterior is protected by a rust-resistant powder coat finish that provides superior resistance to weathering and corrosion.

### OPTICS:

- Available in Type II and Type III light distribution.
- Light engines are available in standard 3000K, 4000K and 5000K configurations.
- A wide range of lumen options are available from 9,300 to 19,800 Lumens, replacing up to 400W metal halide.

### ELECTRICAL:

- Universal 120-277V or 347-480V input voltage.
- 10KV surge protection for 120-277V.
- 1-10V dimming by default.
- THD: ≤20%, Power Factor: ≥90%.

### CONTROLS:

- Included twist-lock photocell for further energy savings - P0 120-277V, P3 347V, or P4 480V.

### INSTALLATION:

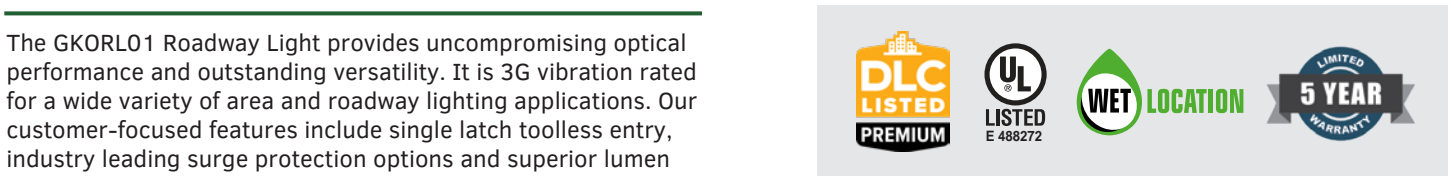
- A hinged door enables easy installation by a single person.

### WARRANTY:

- 5 Year Limited Warranty.

### LISTINGS:

- DesignLights Consortium® (DLC) Premium 5.0 qualified.
- UL listed for wet locations.
- Rated for ambient operating temperature -40°F to 113°F (-40°C to 45°C).



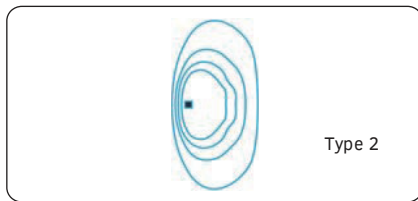
# Performance Data

## Lumen Output

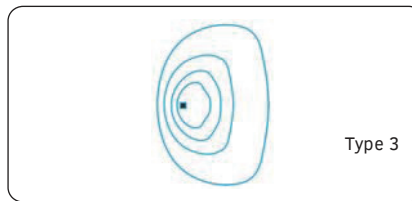
System Watts	Voltage	3000K(70CRI)		3500K(70CRI)		4000K(70CRI)		5000K(70CRI)	
		Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
70W	120-277V	9200lm	131lm/W	9200lm	131lm/W	9300lm	133lm/W	9400lm	134lm/W
100W	120-277V	13000lm	130lm/W	13200lm	132lm/W	13600lm	136lm/W	13800lm	138lm/W
150W	120-277V	19500lm	130lm/W	19600lm	131lm/W	19800lm	132lm/W	20000lm	133lm/W

## Light Distribution

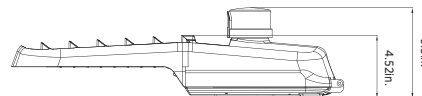
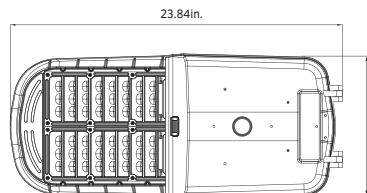
Type 2 optics creates an asymmetric distribution working well in walkway and roadway applications where more light is required "street side" than "house side".



Type 3 optics produces an asymmetrical pattern that directs the majority of the light forward and equally on both sides of the luminaire. In a back-to-back configuration, it creates a rectangular pattern which can extend pole spacings.



## Dimensions & Weight



Weight  
 70W: 8.7lb.  
 100W: 9.5lb.  
 150W: 10.0lb.

## Ordering Information

Roadway Light Series GKORL01					Example:GKORL01100W27V50KSGP0MT3			
Fixture Type	Wattage	Voltage	CCT	Finish	Photocell (Optional)	Motion Sensor (Optional)	Light Distribution	Internal Code
GKORL01	70W 100W 150W	27V 120-277V 48V 347-480V	30K 3000K 35K 3500K 40K 4000K 50K 5000K	D Dark Bronze B Black W White SG Silver Grey	PO 120-277V Photocell Blank Without Photocell	M Multi-Level Motion Sensor Blank Without Sensor	T2 Type II Photometry T3 Type III Photometry	Blank, Number, or Alphabet