



by  Signify

Site & Area

Gullwing



# Partnering with your design

The ideal complement to  
any architectural setting



# Grace and style with the benefits of LED



Aesthetically, Gardco Gullwing LED luminaires draw strength from a simplicity of form that makes it a natural complement to any architectural theme. The subtle elimination of the mounting arm allows the Gullwing LED an uninterrupted transition from luminaire to pole. The striking effect is that the luminaire and arm become one. But this design serves practical purposes as well – minimizing wind load and strengthening the assembly.

Gullwing LED successfully combines industry-leading performance, thoughtful engineering and streamlined aesthetics into an area luminaire with exceptional style and beauty.

In today's environment, sustainability and saving energy are leading factors in selecting a luminaire. Gullwing LED addresses these concerns by offering high quality illumination with the energy savings and longevity of LED technology. LED takes flight with architectural lighting's most beautiful high performance luminaire.

- Two sizes covering both pedestrian and large area applications
- Multiple lumen packages with output of up to 29,497 lumens
- Energy saving LED technology with efficacy of up to 119 LPW
- Type II, III, IV, and V distributions available
- Control options available for additional energy savings



# Family styling completes the look



### Gullwing LED Small (GL13)

The small Gullwing (GL13) is best suited for pedestrian scale applications, and provides high quality, energy saving LED illumination best suited for mounting heights of up to 20 feet.



### Gullwing LED Large (GL18)

With multiple lumen packages and output of up to 29,000 lumens, the large Gullwing LED (GL18) is suitable for mounting heights of 35 feet or higher.



### Gullwing LED Sconce (107L)

The 107 Series sconce is a perimeter lighting solution that will compliment any building exterior while bringing unifying your site.

# The right features to meet your project needs

Every aspect of Gullwing LED exhibits a thoughtful, practical and highly refined approach to initial and long-term performance. The arrangement of components, hardware, hinging mechanisms and material transitions all speak to the integrity of the Gullwing LED's design and construction.

## Long-Lasting Finish

Standard colors feature the lightly textured Gardco finish. Custom colors may vary in texture, so please consult factory.

## Excellent Thermal Management

Ribs are cast into the top of the housing to act as a heat sink to cool the entire luminaire. The heat sink effectively lowers operating temperatures within the luminaire, further extending the system life.

## Seamless Transitions

There are no visible transitions between the luminaire, the door frame and the supporting arm. There is no visible hardware.

## IP66 Rated Optics

Gullwing LED GL18 optics are IP66 rated to ensure dust or moisture will never interfere with performance. No glass lens required. GL13 optics are rated IP65.

## Toolless Access

The integral, extruded, click-lock latch smoothly integrates into the face of the luminaire.

# Change your source without changing your site

Already have Gullwing LED on your site?  
Retrofit Kits allow for quick change-out.

The Gullwing LED retrofit kits are an ideal way to equip your existing luminaires with high performance LED arrays. The kits allow for a quick and efficient change-out, saving time, expense and energy.

The kits contain everything needed to fully convert the conventional Gullwing GL13 and GL18 to any of the available LED wattages and distributions. This includes a new door frame with LED arrays.



Unlatch and remove the existing door.



Remove the existing HID reflector system and ballast tray.



Install the new LED driver tray and attach the new door assembly.

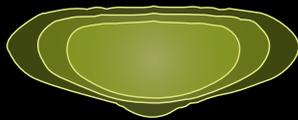


# A refined approach

The luminaire preserves the architectural character and symmetry that has elevated Gullwing to an iconic area lighting presence with full cutoff performance optics.

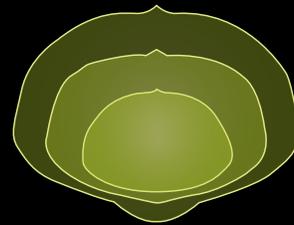
Improved visibility, higher efficiency and compact size mean that fewer luminaires are needed to light areas to desired levels, resulting in substantial savings and reduced environmental impact in both the short and long term.

Closer inspection of a typical lighting plan demonstrates how these systems deliver uniform illumination free from hot spots and striations – even with wide pole spacings. Gardco Applications Engineering Department stands ready to assist with site lighting analysis and development.



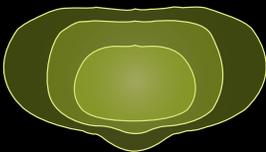
## Type 2

These optics create an asymmetric distribution pattern with wide lateral throw. This distribution works well in walkway and roadway applications where more light is required “street side” than “house side.”



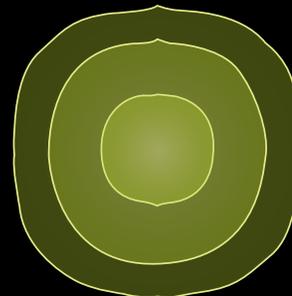
## Type 4

The Type 4 pattern is suitable for applications where light is primarily required forward with minimal backlight. Typical installations include perimeter poles.



## Type 3

Type 3 optics produce 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.



## Type 5

Type 5 optics produce a symmetrical square distribution pattern that distributes light equally on all sides of the luminaire. The optical system is universal for most area lighting applications.

# Further enhance efficiency



## Luminaire solutions

Basic. Autonomous. Affordable.

Simple, individual outdoor lighting dimming and management without the need for remote access.

- **Dynadimmer Stand-alone Dimming Profile**
- **Programmable Motion Response**



## Site solutions

Advanced. Powerful. Extensive.

Widespread or multi-site lighting management with detailed asset management that can grow along with your needs.

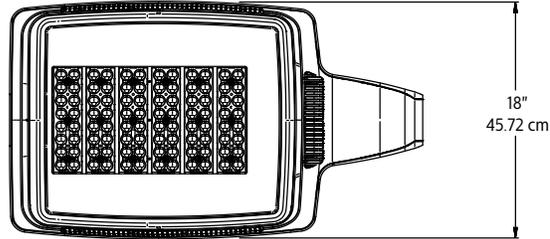
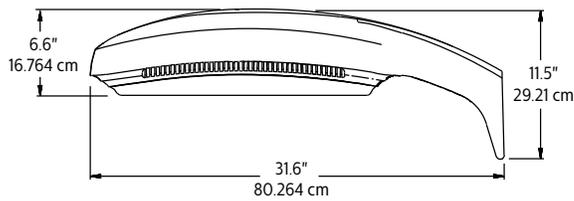
- **Wireless system\***

\*Wireless controls available with GL18 only.

For more information on Gardco stand-alone and connected outdoor lighting solutions, visit [signify.com/prolighting](https://www.signify.com/prolighting) and select Controls Outdoor, or request our outdoor lighting solutions brochure.

# Technical and ordering information

## GL18 Dimensions and EPA



EPA Data		
1	2	3-4
1.2 ft <sup>2</sup>	2.4 ft <sup>2</sup>	3.2 ft <sup>2</sup>
.12 m <sup>2</sup>	.24 m <sup>2</sup>	.30 m <sup>2</sup>

### Approximate Weight Single Luminaire

40 lbs / 18.144 kg

## Ordering guide

Example: GL18-APD-1-4-80LA-4853-NW-120-BRP-LF

Prefix	Controls	Mounting	Optics	LED Wattage	LED Color	Voltage	Finish	Options
<b>GL18</b> 18" Gullwing LED Luminaire Constant Wattage	- Gullwing Standard Luminaire  <b>GL18-DIM</b> 18" Gullwing LED with 0-10V Dimming	<b>1</b> Single	<b>2</b> Type 2	<b>50LA-4835</b> 48 LEDs, 350m	<b>NW</b> Neutral White 4000K, 70 min. CRI	<b>120</b>  <b>208</b>  <b>240</b>	<b>BLP</b> Black Paint	<b>LF</b> In-Line/In-Pole Fusing
<b>GL18-RK</b> 18" Gullwing LED Retrofit Kit	<b>GL18-APD</b> 18" Gullwing LED with Automatic Profile Dimming  <b>GL18-MR50</b> 18" Gullwing LED with Motion Response - 50% Low (pole mounted sensor)  <b>GL18-APD-MRO</b> 18" Gullwing LED with APD with Motion Response Override (pole mounted sensor)  <b>GL18-MRI</b> 18" Gullwing LED with Motion Response at 50% Low (luminaire mounted sensor uses remote pod mounted to arm)  <b>GL18-APD-MRI</b> 18" Gullwing LED with APD with Motion Response Override (luminaire mounted sensor uses remote pod mounted to arm)	<b>2</b> 2 @ 180°  <b>2@90</b> 2 @ 90°  <b>3</b> 3@90°  <b>3@120</b> 3@120°  <b>4</b> 4@90°	<b>2-90</b> Type 2@90°  <b>2-270</b> Type 2@270°  <b>3</b> Type 3  <b>3-90</b> Type 3@90°  <b>3-270</b> Type 3@270°  <b>4</b> Type 4  <b>4-90</b> Type 4@90°  <b>4-270</b> Type 4@270°  <b>5</b> Type 5	<b>80LA-4853</b> 48 LEDs, 530mA  <b>105LA-4870</b> 48 LEDs, 700mA  <b>160LA-481A</b> 48 LEDs, 1A  <b>180LA-6490</b> 64 LEDs, 900mA  <b>210LA-641A</b> 64 LEDs, 1A  <b>200LA-9670</b> 96 LEDs, 700mA  <b>230LA-9680</b> 96 LEDs, 800mA  <b>265LA-9690</b> 96 LEDs, 900 mA  <b>310LA-961A</b> 96 LEDs, 1A	<b>CW</b> Cool White 5700K, 70 min. CRI  <b>WW</b> Warm White 3000K, 70 min. CRI	<b>UNV</b> (120-277V)  <b>HVU</b> (347-480V)	<b>WP</b> White Paint  <b>BRP</b> Bronze Paint  <b>NP</b> Natural Aluminum Paint  <b>OC</b> Optional Color Specify optional color or RAL ex: OC-LGP or OC-RAL7024.  <b>SC</b> Special Color Specify. Must supply color chip. Requires factory quote.	<b>PC</b> Photocontrol and Receptacle (Includes PCR5)  <b>PCR5</b> Photocell Receptacle only with 2 dimming connections  <b>PCR7</b> Photocell Receptacle only with 2 dimming and 2 auxiliary connections  <b>HS</b> External House side Shield  <b>IS</b> Internal House side Shield (types 2, 3, 4 only)  <b>CLR</b> Clear Glass Lens (reduces performance)  <b>RPA1</b> 3" Round Pole Adapter Required for 3" O.D. round or tapered round poles where top O.D. is less than 4".  <b>RPA2</b> 4" and 5" Round Pole Adapter Required for 4"- 5" O.D. round poles.  <b>MA</b> Mast Arm Fitter - Mounts to a 2-3/8" O.D. mast arm.  <b>TR1</b> Single Transition  <b>TR2</b> Twin Transition  <b>PTF2</b> Pole Top Fitter - 2-3/8" - 3" Dia. Tenon  <b>PTF3</b> Pole Top Fitter - 3" - 3-1/2" Dia. Tenon  <b>PTF4</b> Pole Top Fitter - 3-1/2" - 4" Dia. Tenon  <b>SQPTF</b> Square Pole Top Fitter
	<b>Wireless systems</b>  <b>LLC2</b> #2 lens for 8-15' mounting heights  <b>LLC3</b> #3 lens for 15-25' mounting heights  <b>LLC4</b> #4 lens for 25-40' mounting heights	<b>W</b> Wall Mount, Recessed J-Box  <b>WS</b> Wall Mount, Surface Conduit						

Prior to ordering, consult specification sheets on [gardcolighting.com](http://gardcolighting.com) for the most current information, notes, and exclusions.

## Mounting Details



TR1 - Single Transition

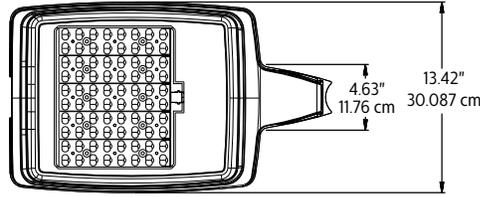
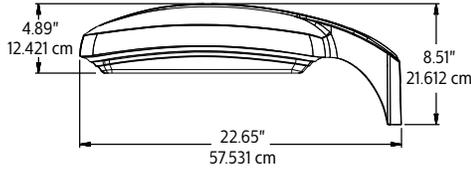


TR2 - Twin Transition



MA - Mast Arm Fitter

## GL13 Dimensions and EPA



### EPA Data

1	2	3-4
.8 ft <sup>2</sup>	1.6 ft <sup>2</sup>	2.2 ft <sup>2</sup>
.07 m <sup>2</sup>	.15 m <sup>2</sup>	.20 m <sup>2</sup>

### Approximate Weight Single Luminaire

33 lbs / 14.969 kg

## Ordering guide

Example: GL13-APD-1-4-70LA-6435-NW-120-BRP-LF

Prefix	Controls	Mounting	Optics	LED Wattage	LED Color	Voltage	Finish	Options
<b>GL13</b> 13" Gullwing LED Luminaire Constant Wattage	- Gullwing Standard Luminaire	<b>1</b> Single	<b>2</b> Type 2	<b>70LA-6435</b> 64 LEDs, 350mA	<b>NW</b> Neutral White 4000K, 70 min. CRI	<b>120</b> <b>208</b>	<b>BLP</b> Black Paint	<b>F</b> Fusing
<b>GL13-DIM</b> 13" Gullwing LED with 0-10V Dimming	<b>GL13-DIM</b> 13" Gullwing LED with 0-10V Dimming	<b>2</b> 2 @ 180°	<b>3</b> Type 3	<b>85LA-8035</b> 80 LEDs, 350mA	<b>CW</b> Cool White 5700K, 70 min. CRI	<b>240</b> <b>277</b>	<b>WP</b> White Paint	<b>LF</b> In-Line/In-Pole Fusing
<b>GL13-RK</b> 13" Gullwing LED Retrofit Kit	<b>GL13-APD</b> 13" Gullwing LED with Automatic Profile Dimming	<b>2@90</b> 2 @ 90°	<b>4</b> Type 4	<b>105LA-6453</b> 64 LEDs, 530mA	<b>WW</b> Warm White 3000K, 70 min. CRI	<b>347</b> <b>480</b>	<b>BRP</b> Bronze Paint	<b>PC</b> Photocontrol and Receptacle (Includes PCR5)
	<b>GL13-MRI</b> 13" Gullwing LED with Motion Response at 50% Low (luminaire mounted sensor)	<b>3</b> 3@90°	<b>5</b> Type 5		<b>UNV</b> (120-277V)	<b>480</b> <b>UNV</b> (120-277V)	<b>NP</b> Natural Aluminum Paint	<b>PCR5</b> Photocell Receptacle only with 2 dimming connections
	<b>GL13-APD-MRI</b> 13" Gullwing LED with APD with Motion Response Override (luminaire mounted sensor)	<b>3@120</b> 3@120°			<b>HVU</b> (347-480V)	<b>480</b> <b>HVU</b> (347-480V)	<b>OC</b> Optional Color Specify optional color or RAL ex: OC-LGP or OC-RAL7024.	<b>PCR7</b> Photocell Receptacle only with 2 dimming and 2 auxiliary connections
		<b>4</b> 4@90°					<b>SC</b> Special Color Specify. Must supply color chip. Requires factory quote.	<b>HS</b> External House side Shield
		<b>W</b> Wall Mount, Recessed J-Box						<b>IS</b> Internal House side Shield (types 2, 3, 4 only)
		<b>WS</b> Wall Mount, Surface Conduit						<b>MA</b> Mast Arm Fitter - Mounts to a 2-3/8" O.D. mast arm.
								<b>TR1</b> Single Transition
								<b>TR2</b> Twin Transition
								<b>PTF2</b> Pole Top Fitter - 2-3/8" - 3" Dia. Tenon
								<b>PTF3</b> Pole Top Fitter - 3" - 3-1/2" Dia. Tenon
								<b>PTF4</b> Pole Top Fitter - 3-1/2" - 4" Dia. Tenon
								<b>SPA</b> Square Pole Adapter
								<b>DL</b> Diffuse Lens

Prior to ordering, consult specification sheets on [gardcolighting.com](http://gardcolighting.com) for the most current information, notes, and exclusions.

# Taking the next step

See how Gardco Gullwing LED Luminaires are the ideal complement to any architectural setting. Contact your local Sales Representative or visit [gardcolighting.com](http://gardcolighting.com) for more information or to schedule a personalized demonstration.

