



Site & Area

Gullwing LED

Partnering with **your** **design**



The ideal complement to
any architectural setting.





Grace and style with the benefits of LED



Aesthetically, Philips 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 Philips 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.

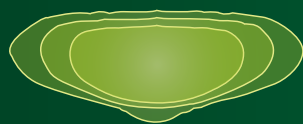


A refined approach

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

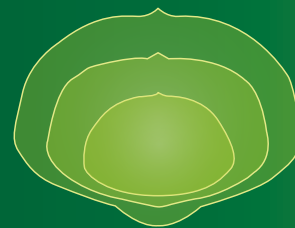
Improved visibility, higher efficiency and compact size mean that fewer luminaires are needed to light areas to desired levels, resulting in substantial savings and reduced environmental impact in both the short and long term.

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. Philips Gardco Applications Engineering Department stands ready to assist with site lighting analysis and development.



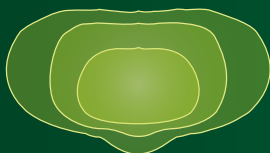
Type 2

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.”



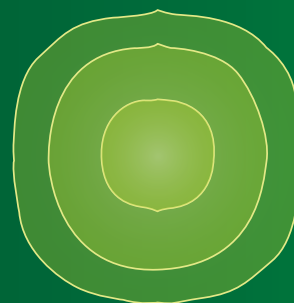
Type 4

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.

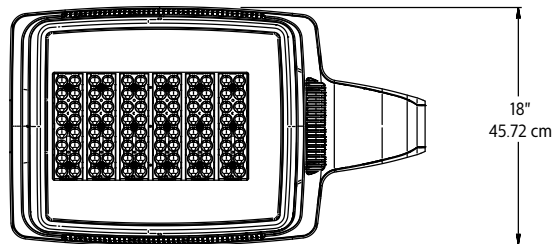
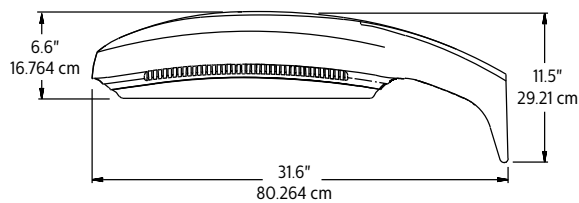
- **Wireless system***

*Wireless controls available with GL18 only.

For more information on Philips stand-alone and connected outdoor lighting solutions, visit www.philips.com/luminaires 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 ²	2.4 ft ²	3.2 ft ²
.12 m ²	.24 m ²	.30 m ²

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

Prior to ordering, consult specification sheets on philips.com/luminaires for the most current information, notes, and exclusions.

Mounting Details



TR1 - Single Transition

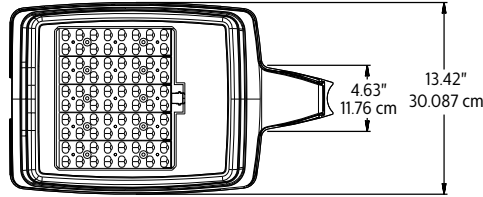
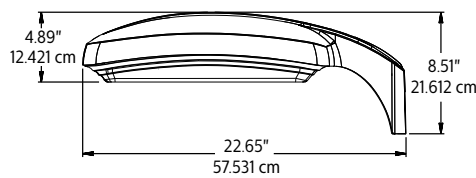


TR2 - Twin Transition



MA - Mast Arm Fitter

GL13 Dimensions and EPA



EPA Data

1	2	3-4
.8 ft ²	1.6 ft ²	2.2 ft ²
.07 m ²	.15 m ²	.20 m ²

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

Prior to ordering, consult specification sheets on philips.com/luminaires for the most current information, notes, and exclusions.

Taking the next step

See how Philips Gardco Gullwing LED Luminaires are the ideal complement to any architectural setting. Contact your local Philips Sales Representative or visit www.philips.com/luminaires for more information or to schedule a personalized demonstration.

