

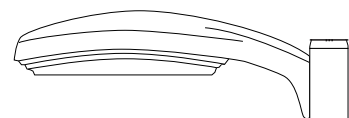
Job:
Type:
Notes:

Gullwing

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G13 Area Luminaires

The Philips Gardco Gullwing is an area luminaire defined by its sleek profile and rugged construction. The housing is one-piece, die cast aluminum and mounts directly to a pole or wall without the need of a separate support arm. The rotatable, multifaceted arc-image duplicating optical systems provide IES Types II, III, and IV distributions. The door frame is single-piece die cast aluminum and retains an optically clear tempered flat glass lens. The luminaire is completely sealed and gasketed preventing intrusion from moisture, dust and insects. Gullwing luminaires are finished with a fade and abrasion resistant TGIC powdercoat. Flat glass lens luminaires provide full cutoff performance. Sag Lens luminaires provide cutoff performance.



PREFIX	MOUNTING	DISTRIBUTION	WATTAGE	VOLTAGE	FINISH	OPTIONS
Enter the order code into the appropriate box above. Note: Gardco reserves the right to refuse a configuration. Not all combinations and configurations are valid. Refer to notes below for exclusions and limitations. For questions or concerns, please consult the factory.						

PREFIX

G13 13" Gullwing Luminaire
G13EMC¹ 13" Gullwing Luminaire
Emergency Cold Temperature

Standard arm, without RPA (Round Pole Adapter), mounts to round poles from 3.85" to 4.5" O.D.

MOUNTING

1 Single Pole Mount
2 Twin Pole Mount at 180°
2@90 Twin Pole Mount at 90°
3 3-way Pole Mount at 90°
3@120°² 3-way Pole Mount at 120°
4 4-way Pole Mount
W Wall Mount, Recessed J-Box
WS Wall Mount, Surface Conduit


DISTRIBUTION

2XL Type II, Horizontal Lamp
3XL Type III, Horizontal Lamp
4XL Type IV, Horizontal Lamp
MTS³ Medium Throw with Solite® Lens

WATTAGE AND VOLTAGE

LAMP / VOLTAGE CHART - G13 HID

HID		Voltage					
		120	208	240	277	347	480
Pulse Start Metal Halide Magnetic Ballast	50MH ^E	•			•		
	70MH ^E	•	•	•	•	•	
	100MH ^E	•	•	•	•	•	
High Pressure Sodium Magnetic Ballast	50HPS	•			•		
	70HPS	•	•	•	•	•	•
	100HPS	•	•	•	•	•	•
	150HPS	•	•	•	•	•	

 Wattages marked with Circle "E" meet federal energy efficiency standards applicable to 50 watt through 100 watt pulse start metal halide luminaires only.

LAMP / VOLTAGE CHART - G13 Fluorescent

Fluorescent (MTS Optics Only)	Voltage					
	120	208	240	277	347	480
(3)32TRF ^{4,5}	UNIV ⁴				•	
(3)42TRF ^{4,5}	UNIV ⁴				•	

LAMP / VOLTAGE CHART - G13EMC^{6,7}

Fluorescent (MTS Optics Only)	Voltage					
	120	208	240	277	347	480
(2)32TRF ^{5,6,7}	•			•		

CF Compact Fluorescent TRF Triple Tube Fluorescent

- Available with (2) 32TRF lamps and MTS optics only.
- (1) 32TRF operates in emergency mode.
- Not available with PTF option.
- Available with fluorescent sources only.
- Fluorescent and CMHE ballasts accept 120V through 277V, 50hz to 60hz, input. Specify "UNIV" for 120V through 277V.
- Lamp starting temperature is 0° F / -18° C.
- For emergency mode lumen output see submittal data sheet 79115-155 - "Gardco Emergency Light Output Information."
- (1) lamp operates in emergency mode.

Combinations marked with a dot, with "UNIV" or with "200-277V" are available for ordering.

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FINISH

BRP	Bronze Paint
BLP	Black Paint
WP	White Paint
NP	Natural Aluminum Paint
OC	Optional Color Paint <i>Specify Optional Color or RAL ex: RAL7024.</i>
SC	Special Paint <i>Specify. Must supply color chip.</i>

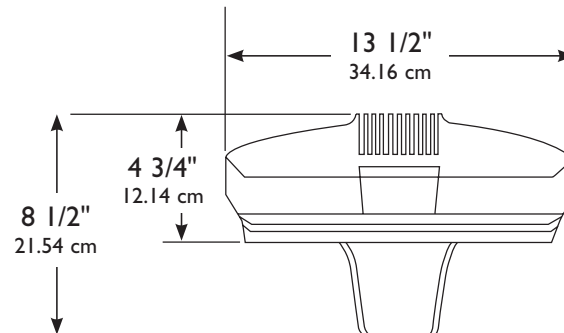
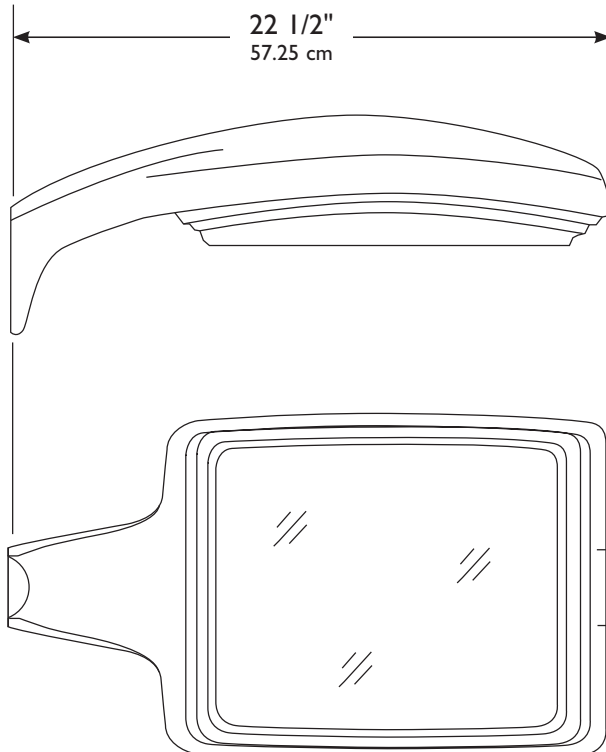
OPTIONS

F⁹	Fusing In Head
LF⁹	In-Line/In-Pole Fusing
PC^{8,9}	Photocontrol and Receptacle
PCR	Photocontrol Receptacle only
HS	Internal Houseside Shield
QS¹⁰	Quartz Standby
QST¹⁰	Quartz Standby - Timed Delay
Q924¹⁰	Quartz Emergency
QT924¹⁰	Quartz Emergency - Timed Delay
SPA¹¹	Square Pole Adapter

8. Not available in 480V.
 9. Provide specific input voltage.
 10. 100w Quartz lamp max, Not available with Fluorescent, EMC, CMPE types.
 11. Required for mounting to straight square poles.
 12. Mounts to a 2-3/8" O.D. mast arm.

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
MF¹²	Mast Arm Fitter

DIMENSIONS AND EPA



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

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PHILIPS



SPECIFICATIONS

GENERAL DESCRIPTION: The Philips Gardco Gullwing is an area luminaire defined by its sleek profile and rugged construction. The housing is one-piece, die cast aluminum and mounts directly to a pole or wall without the need of a separate support arm. The rotatable, multifaceted arc-image duplicating optical systems provide IES Types II, III, and IV distributions. The door frame is single-piece diecast aluminum and retains an optically clear tempered flat glass lens. The luminaire is completely sealed and gasketed preventing intrusion from moisture, dust and insects. Gullwing luminaires are finished with a fade and abrasion resistant TGIC powdercoat.

HOUSING: A one-piece die cast aluminum housing mounts directly to a 4" O.D. round pole or wall without the need for a support arm. The low profile rounded form reduces the effective projected area of the luminaire to only .8 ft²/.07m².

LENS ASSEMBLY: A single-piece die cast aluminum lens frame hinges down from the housing and is secured by a stainless steel lanyard and hinge pin. An optically clear, heat and impact resistant tempered flat glass lens is mechanically secured with six retainers. The electrical and optical chambers are thoroughly sealed with a one-piece memory retentive hollow-core EPDM gasket to prevent intrusion by moisture, dust, and insects.

OPTICAL SYSTEMS: The segmented optical systems are manufactured from homogenous sheet aluminum which has been electrochemically brightened, anodized and sealed. The multifaceted arc image duplicating systems are designed to produce IES Types II (2XL), III (3XL), and IV (4XL). The reflector facets form a conical fan around the arc tube with each facet positioned to be precisely tangent to the top of the arc tube. The lampholder is glazed porcelain with a nickel plated screw shell. HID luminaires feature porcelain medium base lampholders.

Fluorescent luminaires use a Medium Throw reflector with a Solite® glass lens (MTS).

EMC Luminaires: In the event of power interruption, integral battery pack will power (1) 32W compact fluorescent lamp at reduced light levels for a minimum of 90 minutes. Maintenance free battery is rated for ambient temperatures down -4°F/-20°C. Indicator light is visible through the lens. A test switch is accessible through the door assembly. EMC units do not bear CUL label.

ELECTRICAL: All electrical components are UL recognized, factory tested, and mounted on a unitized plate with quick electrical disconnects. Each HID high power factor ballast is capable of providing reliable lamp starting down to -20°F/-29°C. Standard fluorescent ballasts are solid state.

FINISH: Each standard color luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) textured polyester powdercoat finish. Standard colors include bronze (BRP), black (BLP), white (WP), and natural aluminum (NP). Consult factory for specs on optional or custom colors.

LABELS: All luminaires bear UL or CUL (where applicable) Wet Location labels.

WARRANTY: Philips Gardco luminaires feature a 5 year limited warranty. See www.usa.lighting.philips.com/support/support/warranty for complete details and exclusions.