

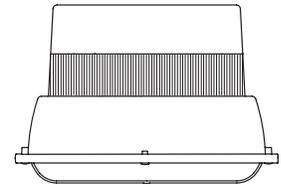
Notes:

Job:

Type:

GARAGE LIGHTING

GP1 LUMINAIRE - TYPE 1R



GENERAL DESCRIPTION: The Gardco GP1 is a cutoff luminaire designed specifically for parking garage lighting. The Type 1R rectangular lighting distribution was developed to precisely conform to the geometry of parking structures. In addition, the precision diecast aluminum canopy, the corrosion resistant acrylic housing, and the moisture, insect, and pollutant excluding silicone gasketing all assure long luminaire life.

CUTOFF PERFORMANCE: GP1 luminaires provide cutoff performance.

ORDERING

PREFIX	WATTAGE	VOLTAGE	OPTIONS
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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

GP1²

WATTAGE

70HPS	70MH	175PSMH ³	70CMHE ^{5,6}	60/85CF ^{4,5}
100HPS	100MH	200MH ¹	100CMHE ^{5,6}	
150HPS	150MH		150CMHE ^{5,6}	
	175MH			

VOLTAGE

120	240	347
208	277	
UNIV ⁵		

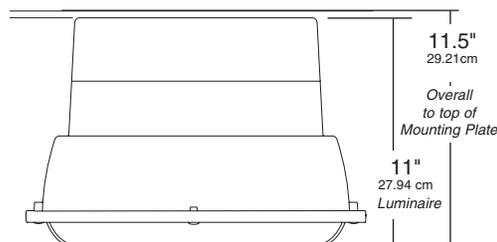
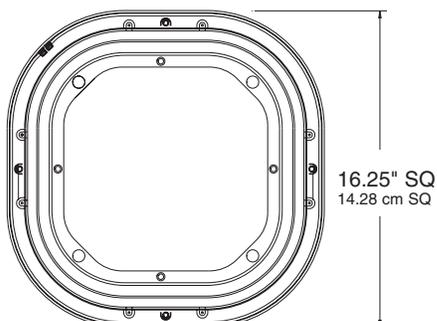
MH Metal Halide
 PSMH Pulse Start Metal Halide
 CMHE Ceramic Metal Halide with Electronic Ballast
 HPS High Pressure Sodium
 CF Compact Fluorescent

- ANSI #M136.
- The GP1 is available in Industrial Grey only.
- M137 or M152.
- Luminaire accepts either 60w or 85w Compact Fluorescent. N/A with DR Option.
- Electronic Fluorescent and CMHE ballasts accept 120V through 277V input. Specify "UNIV" for Voltage.
- NA with QS, QST, or T5S Options.

OPTIONS

QS⁷	Quartz Standby	DR	Supplementary Downlight Reflector <i>Provides additional area illumination and masks uplight. HID only.</i>
QST⁷	Quartz Standby -Timed Delay <i>7. DC Bayonet Base, 100 watt quartz maximum.</i>	BX	Bird Excluding Shroud <i>for pendant mounted units</i>
Q924	Quartz Emergency Socket only <i>100w maximum.</i>	JB	Balanced j-box with offset knock-out <i>For non-rigid sway pendant mount.</i>
T5S	Provision for an internal hot restrike standby, circular 55w T5/HO fluorescent lamp. <i>N/A with QS, QST and Q924.</i>	LFI	Lamp factory installed
POLY	Polycarbonate Downlight Lens	IRS	Instant Restrike <i>HPS only. Contact factory.</i>
TP	Spanner Head Tamper Resistant Screws	TM	Trunnion Mount
F	Fusing	WG	Wire Guard <i>Can be field installed.</i>

DIMENSIONS



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A Genlyte Company

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79115-72/0607

GARAGE LIGHTING

GP1 LUMINAIRE - TYPE 1R

SPECIFICATIONS

GENERAL: The Gardco GP1 is a garage luminaire utilizing medium base HID lamps to 200w and 60w or 85w compact fluorescent lamps. Each luminaire features a die cast electrical canopy, an acrylic housing with an uplight window, a metalized faceted downlight reflector system, a hydroformed uplight reflector, and an acrylic lens. Units are totally sealed and suitable for damp and wet locations.

QUICK MOUNT PLATE: A die formed 14 ga. galvanized steel plate is supplied for mounting to a recessed, surface, or rigid pendant hung 4"/10.16 cm j-box (standard j-box and rigid pendant by others). An integral hanger tab on the plate supports the luminaire during wiring.

UPPER ELECTRICAL CANOPY: The die cast aluminum canopy houses the ballast and wiring splices. After wiring, the canopy swings up and attaches securely to the Quick Mount Plate.

HOUSING: The housing consists of a one piece acrylic housing with prismatic uplight window and opaque lower side section. The housing is fully gasketed to the upper canopy.

DOWNLIGHT REFLECTOR: Semi-specular metalized aluminum facets are precisely positioned to provide highly efficient Type 1R (rectangular) lighting distributions and cutoff of source brightness at normal viewing angles.

UPLIGHT REFLECTOR: The hydroformed and anodized aluminum reflector is generates illumination on the ceiling and vertical surfaces.

DOWNLIGHT LENS: An injection molded UV resistant acrylic lens is retained

with captive fasteners. The lens hinges down for relamping. Memory retentive silicone gasketing seals the lens to the housing.

ELECTRICAL: High power factor magnetic ballasts are separate component type. All ballasts are capable of providing reliable lamp starting down to -20°F/-29°C. Luminaires supplied with electronic metal halide ballasts will operate Ceramic Metal Halide lamps only. Component-to-component wiring within the luminaire will carry no more than 80% of rated current and is listed by UL for use at 600 VAC at 301°F/150°C or higher. Plug disconnects are listed by UL for use at 600 VAC, 15A or higher.

FLUORESCENT UNITS: High power factor ballast standard. Ballast accepts 60w and 85w compact fluorescent lamps.

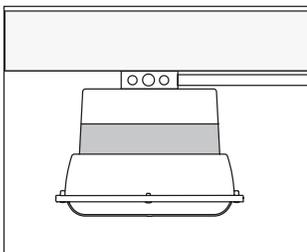
FINISH: The upper canopy is finished with polyester powdercoat. The opaque housing section is finished with acrylic lacquer. Architectural grey finish is standard.

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

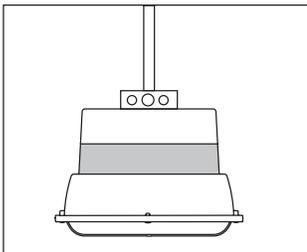
FULL CUTOFF PERFORMANCE: Full cutoff performance means a luminaire distribution where zero candela intensity occurs at an angle of 90° above nadir. Additionally, the candela per 1000 lamp lumens does not numerically exceed 100 (10 percent) at a vertical angle of 80° above nadir. This applies to all lateral angles around the luminaire.

CUTOFF PERFORMANCE: Cutoff performance means a luminaire distribution where the candela per 1000 lamp lumens does not numerically exceed 25 (2.5 percent) at an angle at or above 90° above nadir, and 100 (10 percent) at a vertical angle of 80° above nadir. This applies to all lateral angles around the luminaire.

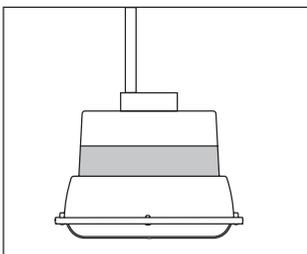
MOUNTING



Flush or surface mounting is easily accomplished with a galvanized steel quick mount plate (standard j-box by others).

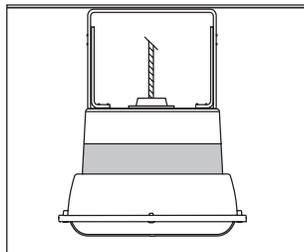


For rigid pendant mounting to conduit (by others), the Gardco Quick Mount plate is directly attached to a standard 4" j-box, as in surface ceiling mounted applications.

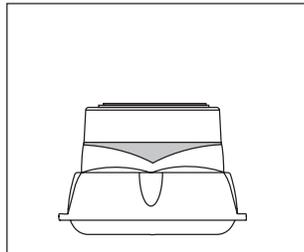


An off-set, self-leveling j-box balances the luminaire in those cases where the pendant mount is free swinging. (Swivel ceiling canopy and pendant by others.) For this option specify JB when ordering.

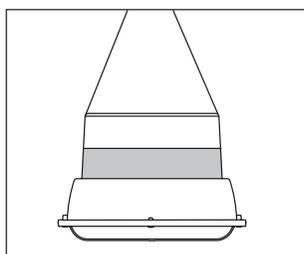
OPTIONS



The "TM" trunnion mounting option is designed to mount to a concrete ceiling with a dieformed, anodized aluminum trunnion bracket assembly. The assembly permits (6) one inch incremental mounting height adjustments. A 1/2" I.P.S. weatherproof diecast aluminum hub is located on the top pan for field attachment of rigid or flexible conduit (by others).



The DR (Downlight Only Reflector) option provides an additional spun aluminum lower reflector which will significantly increase pavement illumination and mask any undesired uplight.



Practical options include a bird excluding shroud which prevents nesting and perching, reducing dirt and maintenance. A 12"/30.48cm minimum pendant length required.

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