

Notes:

Job:

Type:

MANTARAY

M15 SERIES



GENERAL DESCRIPTION: The Mantaray from Gardco Lighting is a shallow, surface mounted outdoor luminaire with remarkable versatility. The clean simple dome hides naturally in landscapes and on building surfaces. Ground mounted units effectively illuminate signage, building surfaces or trees. Wall mounted, it can graze walls, uplight canopies or downlight small areas. Canopy mounted Mantarays provide excellent wall washing. Because diecast housings are available in either aluminum or brass, these luminaires resist corrosion in the harshest environments even when mounted at grade. Both the horizontal flood and narrow flood distributions provide exceptional control of the diminutive "T" metal halide lamps and produce extraordinarily effective distributions.

ORDERING

PREFIX	WALL TYPE	DISTRIBUTION	WATTAGE	VOLTAGE	FINISH	OPTIONS
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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

- M15A** Aluminum Housing
M15B Brass Housing

WALL TYPE

- S** Surface Mount
G Ground Mount

DISTRIBUTION

- HFL** Horizontal Flood
NFL Narrow Flood

WATTAGE

- T39MH** T6, 120V or 277V only *MH Metal Halide*
T70MH T6, 120V, 277V or 347V only *QTZ Quartz Incandescent*
100QTZ T4, Double Contact Bayonet, 120V only

VOLTAGE

- 120**
277
347

FINISH

- | | |
|----------------------------------|---|
| BRP Bronze Paint | OC Optional Color Paint
<i>Specify RAL designation
ex: OC-RAL7024</i> |
| BLP Black Paint | |
| WP White Paint | SC Special Color Paint
<i>Specify. Must supply color chip</i> |
| NP Natural Aluminum Paint | |
| BGP Beige Paint | UNP Unpainted
<i>M15B - Brass only</i> |
| VP Verde Green Paint | |

OPTIONS

- F** Fusing
LG Louver Guard

Gardco Lighting reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.

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A Genlyte Company

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MANTARAY

M15 SERIES

SPECIFICATIONS

GENERAL: Gardco Mantaray outdoor luminaires utilize compact metal halide lamps and are suitable for wall mounting, ceiling mounting or ground mounting. Housing and mounting base are die cast aluminum or brass. Luminaire optical systems provide either a narrow flood or a horizontal flood distribution.

HOUSINGS: Housings are single-piece aluminum or brass diecastings in the form of a shallow dome. Optically clear, tempered borosilicate glass lens is mechanically secured in housing and gasketed. Housing is secured to mounting base with four (4) stainless steel slotted fasteners and sealed with memory retentive gasket to exclude moisture, dust, pollutants, and insects from optical and electrical systems.

MOUNTING: Surface units (S) mount directly to building surface over recessed j-box or conduit feed. Ground mount (G) units include polycarbonate and PVC mounting kit designed to secure Sonotube™ (by others) in direct burial in soil or concrete.

OPTICAL SYSTEMS: Reflectors are composed of specular extruded or formed aluminum faceted components. Reflector elements are designed to provide either a horizontal flood or narrow flood distribution. Units may be rotated 360° and provide vertical aiming to 90°. Optical systems are designed to accept T-6 or T-7 metal halide lamps with a G-12 bi-pin base or T-4 Quartz lamp with double contact bayonet base.

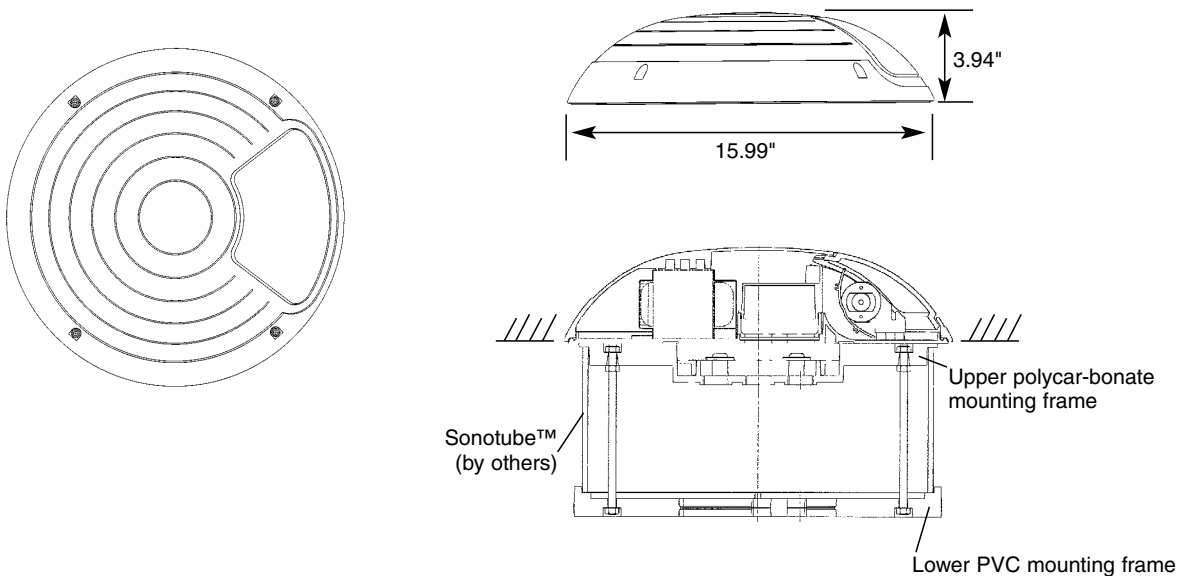
ELECTRICAL: All luminaires utilize magnetic metal halide ballasts that are high power factor and designed for reliable lamp starting to -20°F. G-12 bi-pin sockets are glazed porcelain with nickel plated contacts.

FINISH: Each luminaire receives a fade and abrasion resistant electrostatically applied, thermally cured, (TGIC) polyester powdercoat finish.

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

Patent Pending

DIMENSIONS



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