

Notes:

Job:

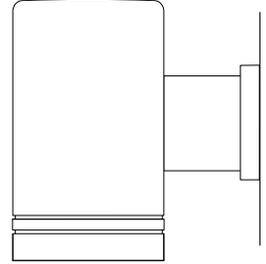
Type:

CYLINDERS

300 LINE FORWARD THROW

GENERAL DESCRIPTION: The Gardco 300 LINE is a series of compact, high performance cylinder luminaires in a variety of styles and mounting configurations. Forward Throw units are suitable for direct rainfall and are rain-tight, dust-tight and corrosion resistant. Housings are diecast aluminum with twin architectural reveals located near the luminaire apertures. A choice of two (2) models, two (2) light control styles and four (4) mounting options is available. Luminaires are finished with a fade and abrasion resistant polyester powder coat offered in five standard colors.

CUTOFF PERFORMANCE: 300 Line Forward Throw Enclosed Downlight luminaires provide full cutoff performance.



ORDERING

PREFIX	MODEL	MOUNTING	LENGTH ^{1,2}	TRIMS	LAMP	VOLTAGE	FINISH	OPTIONS

Enter the order code into the appropriate box above. **Omit LENGTH with W or C mounting.** 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	MODEL	MOUNTING	TRIMS
300	U Enclosed Uplight	W Wall	FT/C Lens, Clear dual assembly with Forward Throw Reflector
	D Enclosed Downlight	A¹ Arm Mount to Pole (2" x 5" arm)	FT/D Lens, Clear flat with Forward Throw Reflector
		C Ceiling	
		P² Pendant	
		W Wall	

1. Indicate Arm Length, ex. "A6" is for a 6" arm length. Available in 6" incremental lengths from 6" minimum up to 48" maximum. Maximum arm length is 48". Standard length is 6", and will be provided if no length is indicated. If not mounted to top of pole, an additional handhole on pole is required to permit installation. Provide information as to size and type of pole.

2. Indicate Pendant Length, ex. "P18" is for a 18" pendant length. Stated length is the distance from the ceiling to the top of the luminaire and takes into account the mounting hardware. Available in 6" incremental lengths from 6" minimum up to 144" maximum. Maximum pendant length is 144". Standard length is 18", and will be provided if no length is indicated.

LAMP/VOLTAGE CHART

LAMP/VOLTAGE CHART

Voltage:	120	208	240	277	347	480
T6 Lamp						
T70MH	●			●		

Supplied with the Lamp

MH - Metal Halide

Luminaires cannot be field modified to change optics or lamp types.

FINISH

BRP	Bronze Paint		
BLP	Black Paint		
WP	White Paint	OC	Optional Color Paint Specify RAL designation ex: OC-RAL7024.
NP	Natural Aluminum Paint		
BGP	Beige Paint		
VP	Verde Green Paint	SC	Special Color Paint Specify. Must supply color chip.

OPTIONS

F	Fusing
PCB	Button Type Photocontrol
WS	Wall Mounted Box for Surface Conduit (W mount only.)

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A Genlyte Company

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79115-109/0807

CYLINDERS

300 LINE FORWARD THROW

SPECIFICATIONS

HOUSING: Housings are die cast aluminum in a single-piece cylindrical form of corrosion resistant alloy, 1/8" min. wall thickness. Units are 7.5" in diameter and 12" in height, nominal measurements.

MOUNTING:

Arm Mount to Pole (A): Luminaire mounts to pole with an extruded aluminum 2" x 5" arm. Available in 6" incremental lengths from 6" minimum up to 48" maximum. Maximum arm length is 48". Standard length is 6", and will be provided if no length is indicated. If not mounted to top of pole, an additional handhole on pole is required to permit installation. Provide information as to size and type of pole.

Ceiling (C): Provides for direct ceiling mount as shown.

Pendant Assembly (P): Swivel pendant assembly with locking set screws. Stated length is the distance from the ceiling to the top of the luminaire and takes into account the mounting hardware. Available in 6" incremental lengths from 6" minimum up to 144" maximum. Maximum pendant length is 144". Standard length is 18", and will be provided if no length is indicated. Swivel pendant can accommodate 35° sloped ceiling maximum.

Wall Bracket (W): Cast aluminum canopy with integrated aluminum arm secured to housing with (2) 5/16" bolts. Requires mounting to a structural member of the building.

LIGHT CONTROL (Trim):

Forward Throw Reflector (FT/C and FT/D): Reflectors are composed of specular extruded and faceted Alzak® components, electro-polished, anodized and sealed. FT/D downlights feature a clear flat glass lens mounted within a die cast aluminum frame. FT/C upright units feature a clear molded glass lens mounted within a die cast aluminum frame. Reflector provides asymmetric forward throw distribution of light.

ELECTRICAL: An internal core and coil ballast designed for the 70w Metal Halide M139 lamp is provided.

LAMPHOLDER: Pulse rated G12 lampholder provided.

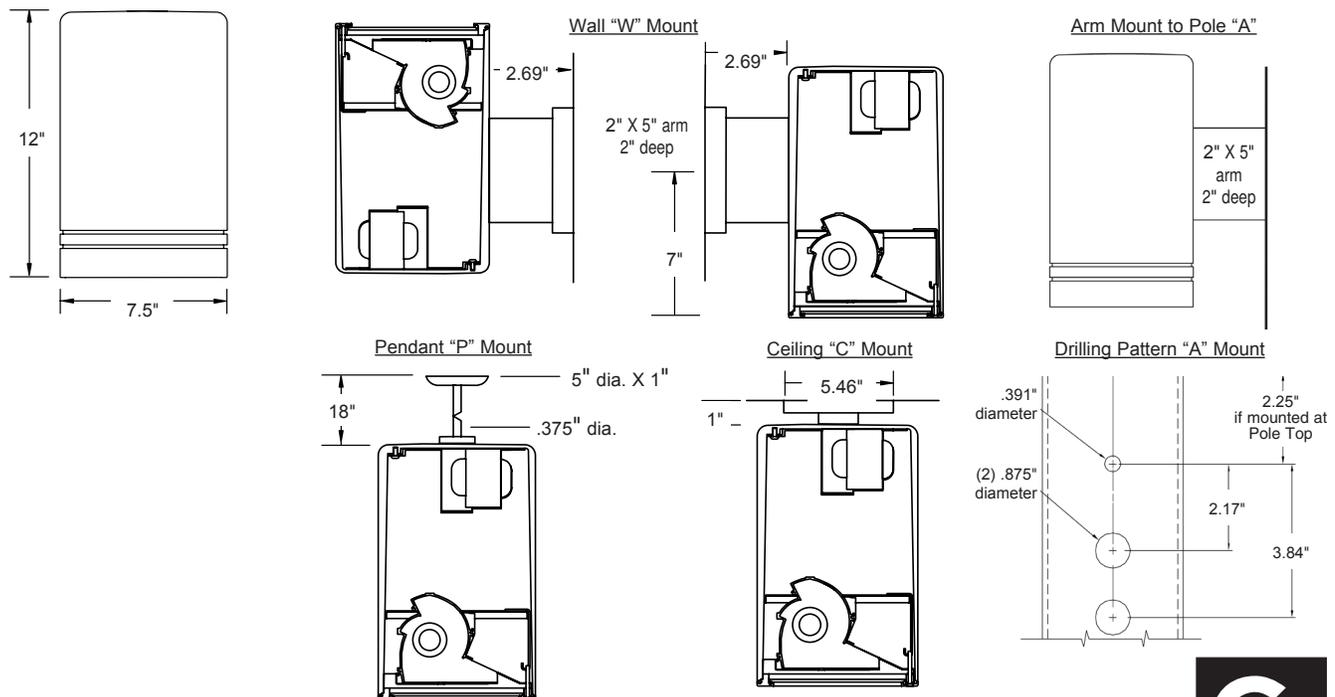
FINISH: Each luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured, textured TGIC polyester powder coat finish.

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.

DIMENSIONS AND MOUNTING DETAIL



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