

Notes:

Job:

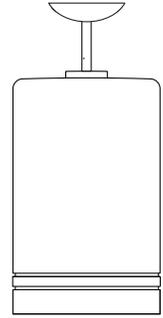
Type:

CYLINDERS

300 LINE ENCLOSED DOWNLIGHT

GENERAL DESCRIPTION: The Gardco 300 LINE is a series of compact, high performance cylinder luminaires in a variety of styles and mounting configurations. The Enclosed Downlight style uses high intensity discharge, incandescent or fluorescent lamps. Housings are diecast aluminum with twin architectural reveals located near the luminaire apertures. A choice of two (2) light control styles and three (3) 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 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	D Enclosed Downlight	A¹ Arm Mount to Pole (2" x 5" arm) C Ceiling P² Pendant W Wall Mount	L Solite Lens LL Solite Lens with Louver

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.

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

LAMP/VOLTAGE CHART

LAMP/VOLTAGE CHART	120	208	240	277	347	480
<i>E17</i>						
50MH	●			●	●	
70MH	●	●	●	●	●	
100MH	●	●	●	●	●	●
50HPS	●			●	●	
70HPS	●	●	●	●	●	
100HPS	●	●	●	●		
<i>PAR38</i>						
P70MH	●	●	●	●	●	
P100MH	●	●	●	●	●	●
P70HPS	●	●	●	●		
<i>Fluorescent</i>						
26QF¹		UNIV			●	
32TRF¹		UNIV			●	
42TRF¹		UNIV			●	
<i>Incandescent</i>						
250PAR38	●					
300R40	●					

MH - Metal Halide HPS - High Pressure Sodium
QF - Quad Fluorescent TRF - Triple Tube Fluorescent

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

1. Fluorescent luminaires feature electronic ballasts that accept 120V through 277V, 50hz to 260hz, input. Specify "UNIV" voltage for 120V through 277V.

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	SC	Special Color Paint Specify. Must supply color chip.
VP	Verde Green Paint		

OPTIONS

F	Fusing
PCB	Button Type Photocontrol (Contact factory for availability)
WS	Wall Mounted Box for Surface Conduit

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. Solite is a Registered Trademark of AFG Industries

© Copyright Gardco Lighting 2001-2007. All Rights Reserved. International Copyright Secured.

A Genlyte Company

Gardco Lighting
1611 Clovis Barker Road
San Marcos, TX 78666

(800) 227-0758
(512) 753-1000
FAX: (512) 753-7855
www.sitelighting.com



79115-106/0807

CYLINDERS

300 LINE ENCLOSED DOWNLIGHT

SPECIFICATIONS

HOUSING: Housings are diecast 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):

Lens (L): Lens units consist of a Solite® glass lens mounted to a die cast aluminum trim support assembly.

Lens with Louver (LL): Lens with louver units consist of a Solite® glass lens mounted to a die cast aluminum trim support assembly, including 1 5/8" x 1 5/8" square louvers with a nominal depth of 1".

ELECTRICAL: Internal ballast will be provided based on the specified lamp configuration. Standard fluorescent ballasts are solid state. Fluorescent units have a starting temperature of 0°F (-18°C).

LAMPHOLDER: Pulse rated medium base lampholders are glazed porcelain with nickel-plated screw shell. Fluorescent lampholders are high temperature thermoplastic (PBT) with brass alloy contacts.

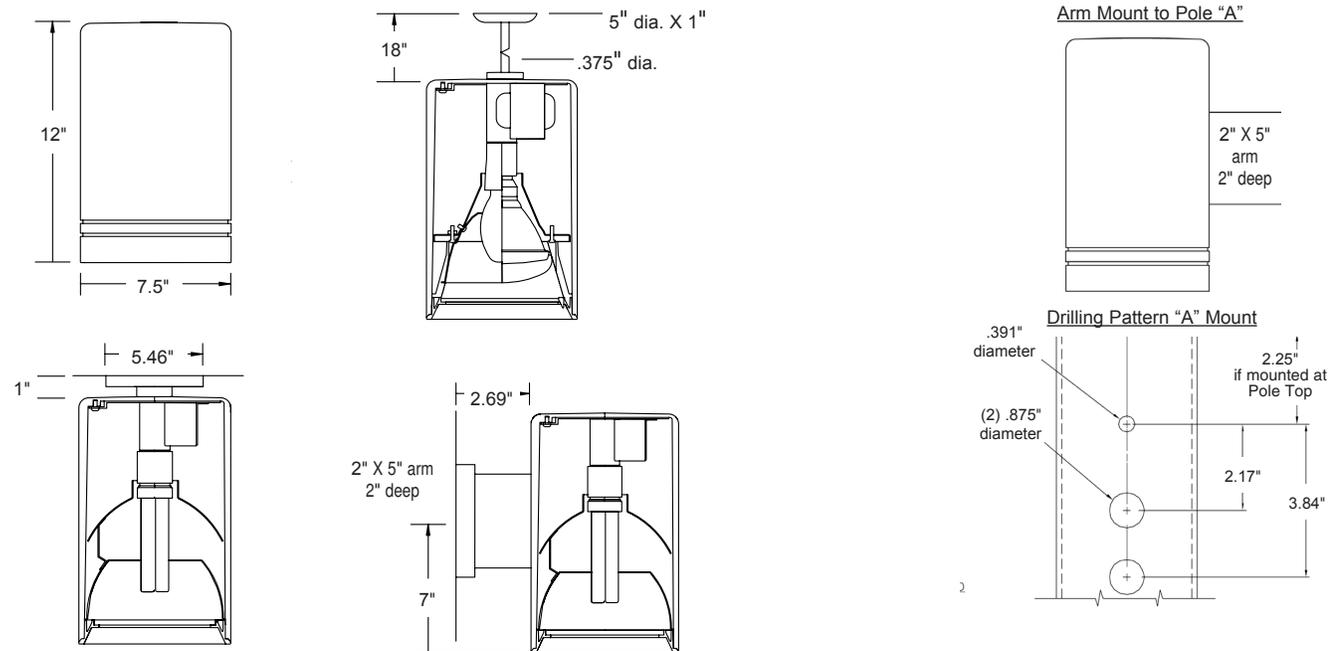
FINISH: Each luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured, textured TGIC polyester powdercoat finish.

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



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. Solite is a Registered Trademark of AFG Industries

© Copyright Gardco Lighting 2001-2006. All Rights Reserved. International Copyright Secured.

A Genlyte Company

Gardco Lighting
1611 Clovis Barker Road
San Marcos, TX 78666

(800) 227-0758
(512) 753-1000
FAX: (512) 753-7855
www.sitelighting.com

