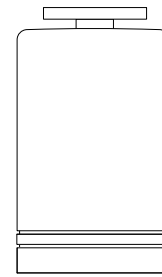


Facade Lighting

Cylinders

300 Open Downlight



The Gardco Cylinder 300 Line is a series of compact, high performance cylinder luminaires in a variety of styles and mounting configurations. The Open Downlight style uses high intensity discharge, incandescent or fluorescent lamps. Housings are die cast aluminum with twin architectural reveals located near the luminaire apertures. A choice of 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 six (6) standard colors. The 300 Line Open Downlight provides full cutoff performance.

Project: _____
 Location: _____
 Cat.No: _____
 Type: _____
 Lamps: _____ Qty: _____
 Notes: _____

Ordering Guide

example: 300OA6R50MH120BRPF

Prefix	Model	Mounting	Length ^{1,2}	Trims	Lamp	Voltage	Finish	Options
300								
300	O Open Downlight	A ¹ Arm Mount to Pole (2" x 5" arm)	6	R Reflector B Black Baffle (Not Available in Fluorescent) <i>Luminaires cannot be field modified to change optics or lamp types.</i>	50MH ⁴ 70MH ⁴ 100MH ⁴ 50HPS 70HPS 100HPS P70MH ³ P100MH ³ 26QF ⁵ 32TRF ⁵ 42TRF ⁵ 250PAR38 ³ 300R40 ³	120 208 240 277 347 480	BRP Bronze Paint BLP Black Paint WP White Paint NP Natural Aluminum Paint BGP Beige Paint VP Verde Green Paint OC Optional Color Paint <i>Specify RAL designation ex: OC-RAL7024.</i> SC Special Color Paint <i>Specify. Must supply color chip.</i>	F Fusing PCB Button Type Photocontrol (W mount only) WS Wall Mounted J-Box for Surface Conduit (W mount only)
			12					
		18						
		24						
		30						
		36						
		42						
		48						
		54						
		60						
		66						
		72						
		78						
		84						
		90						
		96						
		102						
		108						
		114						
		129						
126								
132								
138								
144								

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.

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.
3. Not available with reflector (R) trim.
4. Requires open fixture rated E-17 Metal Halide lamps.
5. Fluorescent luminaires feature electronic ballasts that accept 120V through 277V, 50hz to 60hz, input. Specify "UNIV" voltage for 120V through 277V.

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Lamp/Voltage Chart

Voltage:	120	208	240	277	347	480
E17						
50MH ⁴	▲			▲	▲	
70MH ⁴	▲	▲	▲	▲	▲	
100MH ⁴	▲	▲	▲	▲	▲	▲
50HPS	▲			▲	▲	
70HPS	▲	▲	▲	▲	▲	
100HPS	▲	▲	▲	▲		
PAR38						
P70MH ³	▲	▲	▲	▲	▲	
P70MH ³	▲	▲	▲	▲	▲	▲
Fluorescent (Type "R" Trim only)						
26QF ⁵		UNIV			▲	
32TRF ⁵		UNIV			▲	
42TRF ⁵		UNIV			▲	
Incandescent						
250PAR38 ³	▲					
300R40 ³	▲					
3. Not available with reflector (R) trim.						
4. Requires open fixture rated E-17 Metal Halide lamps.						
5. Fluorescent luminaires feature electronic ballasts that accept 120V through 277V, 50hz to 60hz, input. Specify "UNIV" voltage for 120V through 277V.						
MH - Metal Halide (Pulse Start) HPS - High Pressure Sodium QF - Quad Fluorescent TRF - Triple Tube Fluorescent						
Luminaires cannot be field modified to change optics or lamp types.						

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)

Reflector (R): Reflectors are composed of spun Alzak® components, electro-polished, anodized and sealed. Reflectors for compact fluorescent lamps feature a dual stage construction.
Baffle (B): Step black baffles are die cast aluminum and finished with black TGIC powdercoat

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 powder coat finish.

LABELS

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

WARRANTY

Gardco luminaires feature a 5 year limited warranty. See Warranty Information on www.sitelighting.com for complete details and exclusions. Polycarbonate lenses carry a 1 year warranty only.

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.

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Dimensions

