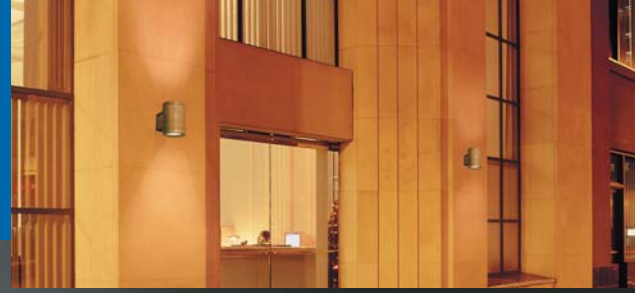


300 LINE

PERFORMANCE CYLINDERS



GARDCO
LIGHTING



THE GARDCO CYLINDER.
PERFORMANCE. PURE AND SIMPLE.

This is the Gardco cylinder. In almost every aspect of lighting performance, construction and versatility, it promises to change where and how you apply this classic architectural form. These are luminaires that are at home indoors and out. Conventional symmetric optics offer high performance illumination for up and downlight applications. And now, a revolutionary new forward throw optical system offers a uniform distribution for illumination out and away from the luminaire — ideal for entry and building-mounted luminaires.



300 Series
Uplight or Downlight Cylinders

The 302 provides designers with a tall and slender architectural form — a look suitable for larger entries and where a larger scale luminaire is appropriate. The 301, pictured on page 6, provides up/down lighting from a sleek yet exceptional compact housing style. A wide choice of optics and trims make the entire series uncommonly flexible.



302 Series
Up/Down Wall Cylinders

Traditional up/down wall cylinders have required two lamps and ballasts. This has necessitated oversized luminaires often out of scale for many mounting heights. The 301 utilizes a single lamp and ballast to achieve downlighting and uplighting. The resulting form is a remarkably compact cylinder featuring trademark Gardco twin reveal and design sensitivity.



301 Series
Up/Down Wall Cylinders

TRIMS

Practical and durable options for the most demanding commercial applications.



The sealed lens option is suitable for wet locations in either downlight or uplight mounting orientations.



Enclosed downlight luminaire with flat clear glass for forward throw optics.



Enclosed downlight luminaire with regressed trim and flat Solite® glass.



Enclosed downlight with eggcrate louver and Solite® lens.



The unique "Spike" (301 only) downlight and/or uplight distribution provides a narrow stripe of illumination on the wall or column. Specifying blue or green colored lamps (see accessories in ordering information) can further enhance the dramatic effect.



Open downlight may be specified with polished reflectors or black baffle.

OPTICS



Exceptionally low brightness open downlight with architectural black baffle for PAR38 or R40 lamps.



Open baffled E-17 downlight with faceted high performance reflector.



Open downlight with twin highly specular reflectors for fluorescent lamps.



Open downlight with faceted high performance reflector for E-17 HID lamps. Sharp cut-off of the lamp arc tube and arc tube images.



Enclosed up or downlight with high performance forward throw optics – a unique asymmetric distribution available in a cylinder. Supplied with T70MH lamp.

MOUNTINGS

Carefully detailed hardware complements each of the six luminaire forms. Luminaire style and mounting options.



One of three wall mounting options; this for either up or downlighting only. (300)



Universal knuckle for wall, ground or ceiling mount. Permits 358° rotation and 90° tilt. A cast junction box is available for pre-shipment and can be used in poured concrete or for surface mounting.



Standard 300 Series pendant length is a net 18" from the ceiling. Internal swivel accommodates up to 35° slope.



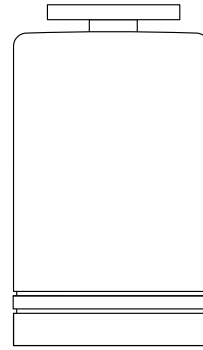
302 wall bracket for simultaneous bi-directional up/downlighting.



Ceiling mount with offset, low profile canopy.

300 LINE OPEN 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 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 three (3) mounting options is available. Luminaires are finished with a fade and abrasion resistant polyester powdercoat offered in five standard colors.



ORDERING

example	PREFIX	MODEL	MOUNTING	TRIMS	LAMP	VOLTAGE ⁶	FINISH	OPTIONS
	300	O	C	R	50HPS	120	BRP	F
	300	O Open Downlight	C Ceiling P Pendant W Wall	R Reflector B Black Baffle	E17 PAR38 50MH ⁴ P70MH ³ 70MH ⁴ P100MH ³ 100MH ⁴ P70HPS ³ 50HPS 70HPS 100HPS Fluorescent Incandescent 26QF ⁵ 250PAR38 ³ 32TRF ⁵ 300R40 ³ 42TRF ⁵	120 277	BRP BLP WP NP BGP VP OC SC	F PCB DM WS

NOTES:

- Standard pendant length is 18". Stated length is the distance from the ceiling to the top of the luminaire and takes into account the mounting hardware. For other stem lengths, add desired length in inches after "P." ex. 300-D-P24-L-50HPS-120-BRP (for 24").
- Luminaires cannot be field modified to change optics or lamp types.
- Not available with reflector (R) trim.
- Must use open fixture rated E-17 Metal Halide lamps.
- Fluorescent ONLY available with reflector (R) Trims
- Consult factory for other voltages.

RECOMMENDED DIMMER CONTROLS:

Other controls are available, please contact ESI for listing. Derate the power by 80%. For example, a 100 watt dimmer may only drive 80w of these ballasts.

DIM-E REVERSED PHASE CONTROL

Lightolier	Rated Power
ZP260ESI	260W
ZP425ESI	425W
OS300ESI	300VA
OH500ESI	500VA
MP525ESI	525W
MP625ESI	625W

FINISH

BRP	Bronze Paint
BLP	Black Paint
NP	Natural Aluminum Paint
WP	White Paint
BGP	Beige Paint
VP	Verde Green Paint
OC	Optional Color Paint
	Specify RAL designation as shown in Color Selection Guide. ex. OC-RAL7024
SC	Special Color Paint (Must supply color chip)

OPTIONS

F	Fusing
PCB	Button Type Photocontrol (Wall Mount only)
DM	Fluorescent Dimming (42TRF 120V only)
WS	Wall Mounted Box for Surface or Through Wall Conduit

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

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

PENDANT ASSEMBLY (P): Swivel pendant assembly with locking set screws. Standard pendant length is 18". Stated length is the distance from the ceiling to the top of the luminaire and takes into account the mounting hardware. For other stem lengths, add desired length in inches after "P". 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 .

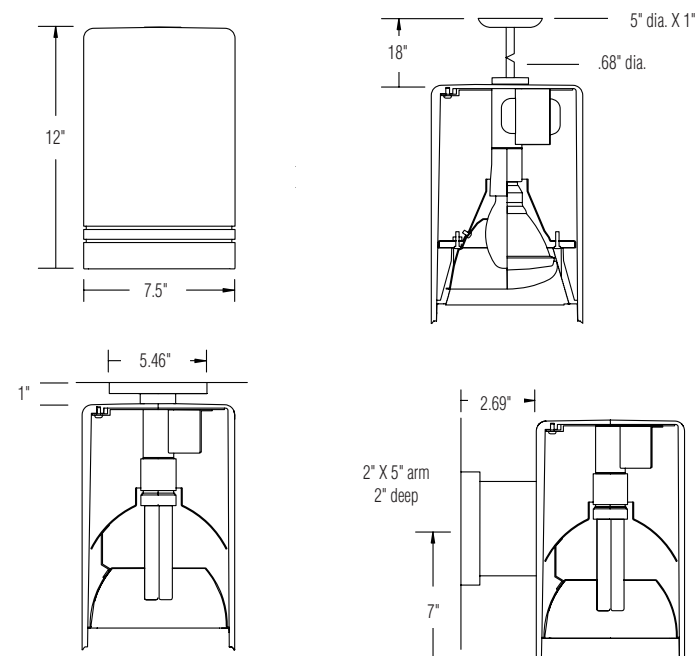
ELECTRICAL: Internal ballast will be provided based on the specified lamp configuration. Standard fluorescent ballasts are solid state. Standard dimming fluorescent units have starting temperature of 50°F (10°C). Dimming range is 15% to 100% (42F/120v only).

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 fixtures bear UL or CSA (or CUL) (where applicable) Wet Location labels.

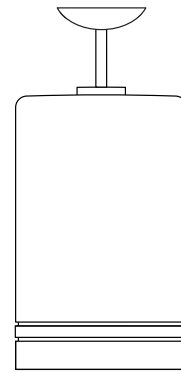
DIMENSIONS



300 LINE ENCLOSED DOWNLIGHT

SPECIFICATIONS

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 die cast 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 powdercoat offered in five standard colors.



ORDERING

example	PREFIX	MODEL	MOUNTING	TRIMS	LAMP	VOLTAGE ³	FINISH	OPTIONS
	300	D	C	L	50HPS	120	BRP	F
	300	D Enclosed Downlight	C Ceiling P Pendant W Wall	L Solite Lens LL Solite Lens w/Louver	E17 PAR38 50MH P70MH 70MH P100MH 100MH P70HPS 50HPS R40 70HPS R70MH 100HPS R100MH Flourescent Incandescent 26QF 250PAR38 32TRF 300R40 42TRF	120 277	BRP BLP WP NP BGP VP OC SC	F PCB DM WS

NOTES:

- Standard pendant length is 18". Stated length is the distance from the ceiling to the top of the luminaire and takes into account the mounting hardware. For other stem lengths, add desired length in inches after "P." ex. 300-D-P24-L-50HPS-120-BRP (for 24").
- Luminaires cannot be field modified to change optics or lamp types.
- Consult factory for other voltages.

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

RECOMMENDED DIMMER CONTROLS:

Other controls are available, please contact ESI for listing.

Derate the power by 80%. For example, a 100 watt dimmer may only drive 80w of these ballasts.

DIM-E REVERSED PHASE CONTROL

Lightolier	Rated Power
ZP260ESI	260W
ZP425ESI	425W
OS300ESI	300VA
OH500ESI	500VA
MP525ESI	525W
MP625ESI	625W

FINISH

- BRP Bronze Paint
- BLP Black Paint
- NP Natural Aluminum Paint
- WP White Paint
- BGP Beige Paint
- VP Verde Green Paint
- OC Optional Color Paint
Specify RAL designation as shown in Color Selection Guide.
ex. OC-RAL7024
- SC Special Color Paint
(Must supply color chip)

OPTIONS

- F Fusing
- PCB Button Type Photocontrol (Wall Mount only)
- DM Fluorescent Dimming (42TRF 120V only)
- WS Wall Mounted Box for Surface or Through Wall Conduit

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

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

PENDANT ASSEMBLY (P): Swivel pendant assembly with locking set screws. Standard pendant length is 18". Stated length is the distance from the ceiling to the top of the luminaire and takes into account the mounting hardware. For other stem lengths, add desired length in inches after "P." Can accommodate 35° slope to 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 consists 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".

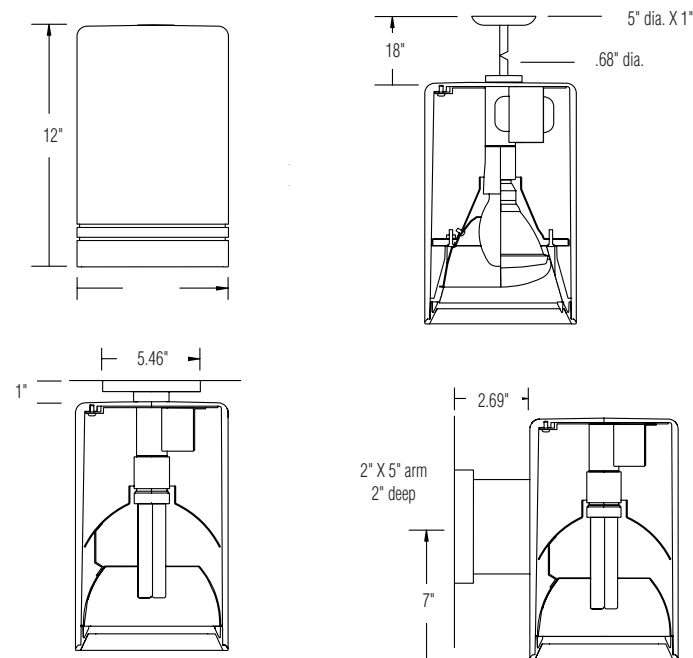
ELECTRICAL: Internal ballast will be provided based on the specified lamp configuration. Standard fluorescent ballasts are solid state. Standard dimming fluorescent units have starting temperature of 50°F (10°C). Dimming range is 15% to 100% (42F/120v only).

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.

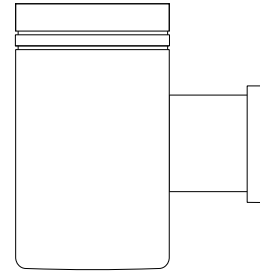
LABELS: All fixtures bear UL or CSA (or CUL) (where applicable) Wet Location labels.

DIMENSIONS



300 LINE ENCLOSED UPLIGHT

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 Uplight style uses high intensity discharge, or incandescent lamps. Housings are die cast aluminum with twin architectural reveals located near the luminaire apertures. Wall mounting with dual clear lens assembly is standard.



ORDERING

example	PREFIX	MODEL	MOUNTING	TRIMS	LAMP	VOLTAGE ²	FINISH	OPTIONS
	300	U	W	CL	50HPS	120	BRP	F
	300	U Enclosed Uplight	W Wall	CL Clear Lens	E17 50MH 70MH 100MH 50HPS 70HPS 100HPS Incandescent 250PAR38 300R40	120 277	BRP BLP WP NP BGP VP OC SC	F PCB WS

NOTES:

- Luminaires cannot be field modified to change optics or lamp types.
- Consult factory for other voltages.

MH Metal Halide
HPS High Pressure Sodium

FINISH

- BRP Bronze Paint
- BLP Black Paint
- NP Natural Aluminum Paint
- WP White Paint
- BGP Beige Paint
- VP Verde Green Paint
- OC Optional Color Paint
Specify RAL designation as shown in Color Selection Guide.
ex. OC-RAL7024
- SC Special Color Paint
(Must supply color chip)

OPTIONS

- F Fusing
- PCB Button Type Photocontrol (Wall Mount only)
- DM Fluorescent Dimming (42TRF 120V only)
- WS Wall Mounted Box for Surface or Through Wall Conduit

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

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)

CLEAR DUAL LENS ASSEMBLY (CL): Clear lens trims include a dual lens assembly mounted within a die cast aluminum frame.

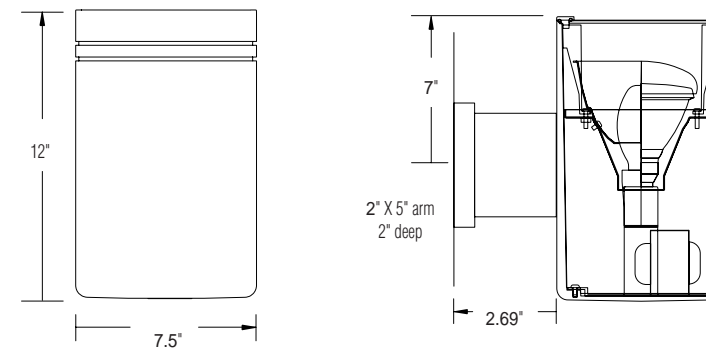
ELECTRICAL: Internal ballast will be provided based on the specified lamp configuration.

LAMPHOLDER: Pulse rated medium base lampholders are glazed porcelain with nickel-plated screw shell.

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

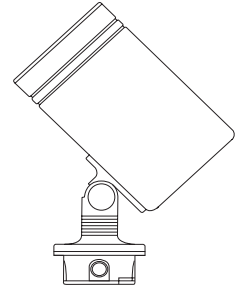
LABELS: All fixtures bear UL or CSA (or CUL) (where applicable) Wet Location labels.

DIMENSIONS



300 LINE ENCLOSED UNIVERSAL

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 Universal style uses high intensity discharge, or incandescent lamps and is suitable for areas with direct rainfall. Housings are die cast aluminum with twin architectural reveals located near the luminaire apertures. A clear lens assembly is offered with a knuckle mounted configuration. Luminaires are finished with a fade and abrasion resistant polyester powdercoat offered in five standard colors.



ORDERING

example	PREFIX	MODEL	MOUNTING	TRIMS	LAMP	VOLTAGE ²	FINISH	OPTIONS
	300	E	K	CL	50HPS	120	BRP	F
	300	E Enclosed Universal	K Knuckle	CL Clear Lens	E17 50MH 70MH 100MH 50HPS 70HPS 100HPS	120 277	BRP BLP WP NP BGP VP OC SC	F
					PAR38 P70MH P100MH P70HPS R40 R70MH R100MH			
					Incandescent 250PAR38 300R40			

MH Metal Halide
HPS High Pressure Sodium

NOTES:

- Luminaires cannot be field modified to change optics or lamp types.
- Consult factory for other voltages.

FINISH	OPTIONS
BRP Bronze Paint	F Fusing (HID only)
BLP Black Paint	
NP Natural Aluminum Paint	
WP White Paint	
BGP Beige Paint	
VP Verde Green Paint	
OC Optional Color Paint	
Specify RAL designation as shown in Color Selection Guide. ex. OC-RAL7024	
SC Special Color Paint (Must supply color chip)	

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

KNUCKLE: Four (4) piece cast assembly permits 360° rotation of the unit around the axis normal to the mounting plane. An integral cast knuckle with aiming teeth, graduated for 5° increments, permits 90° rotation around the access parallel to the mounting plane. The unit is firmly secured in position by a center lock screw within the axis of the knuckle.

CAST J-BOX: Cast box is provided for knuckle mounting, which is suitable for surface mounting on walls, ceilings or floors. The J-box may also be recessed and used in concrete pour applications.

LIGHT CONTROL (TRIM)

CLEAR DUAL LENS (CL): Clear dual lens trims include two clear tempered glass lenses mounted to a die cast aluminum frame.

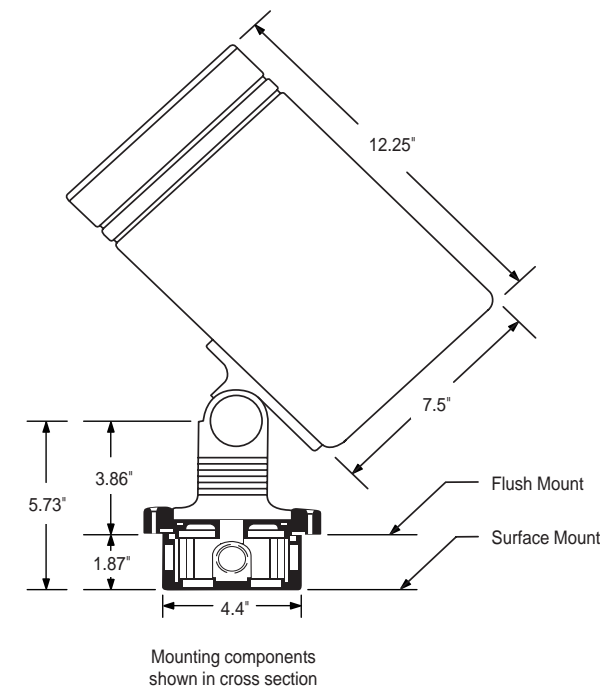
ELECTRICAL: Internal ballast will be provided based on the specified lenses configuration.

LAMPHOLDER: Pulse-rated medium base lampholders are glazed porcelain with nickel-plated screw shell.

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

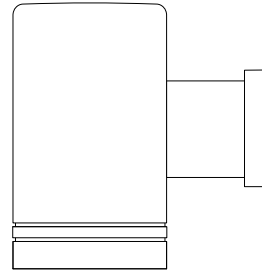
LABELS: All fixtures bear UL or CSA (or CUL) (where applicable) Wet Location labels.

DIMENSIONS



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 die cast aluminum with twin architectural reveals located near the luminaire aperture. A choice of two (2) models and three (3) mounting options is available. Luminaires are finished with a fade and abrasion resistant polyester powder coat offered in five standard colors.



ORDERING

example	PREFIX	MODEL	MOUNTING	TRIMS	LAMP	VOLTAGE ³	FINISH	OPTIONS
	300	U	W	FT/C	T70MH	120	BRP	F
	300	U Enclosed Upright	W Wall	FT/C Lens, Clear dual assembly with forward throw reflector	T6 Lamp T70MH Supplied with the Lamp	120 277	BRP BLP WP NP BGP VP OC SC	F PCB WS
		D Enclosed Downlight	C Ceiling P Pendant W Wall	FT/D Lens, Clear flat with forward throw reflector				

NOTES:

- Standard pendant length is 18". Stated length is the distance from the ceiling to the top of the luminaire and takes into account the mounting hardware. For other stem lengths, add desired length in inches after "P." ex. 300-D-P24-L-50HPS-120-BRP (for 24").
- Luminaires cannot be field modified to change optics or lamp types.
- Consult factory for other voltages.

FINISH

- BRP Bronze Paint
- BLP Black Paint
- NP Natural Aluminum Paint
- WP White Paint
- BGP Beige Paint
- VP Verde Green Paint
- OC Optional Color Paint
Specify RAL designation as shown in Color Selection Guide.
ex. OC-RAL7024
- SC Special Color Paint
(Must supply color chip)

OPTIONS

- F Fusing
- PCB Button Type Photocontrol (Wall Mount only)
- WS Wall Mounted Box for Surface or Through Wall Conduit

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

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

PENDANT ASSEMBLY (P): Swivel pendant assembly with locking set screws. Standard pendant length is 18". Stated length is the distance from the ceiling to the top of the luminaire and takes into account the mounting hardware. For other stem lengths add desired length in inches after "P". 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 dual clear glass lenses mounted within a die cast aluminum frame. Reflector provides asymmetric forward throw distribution of light.

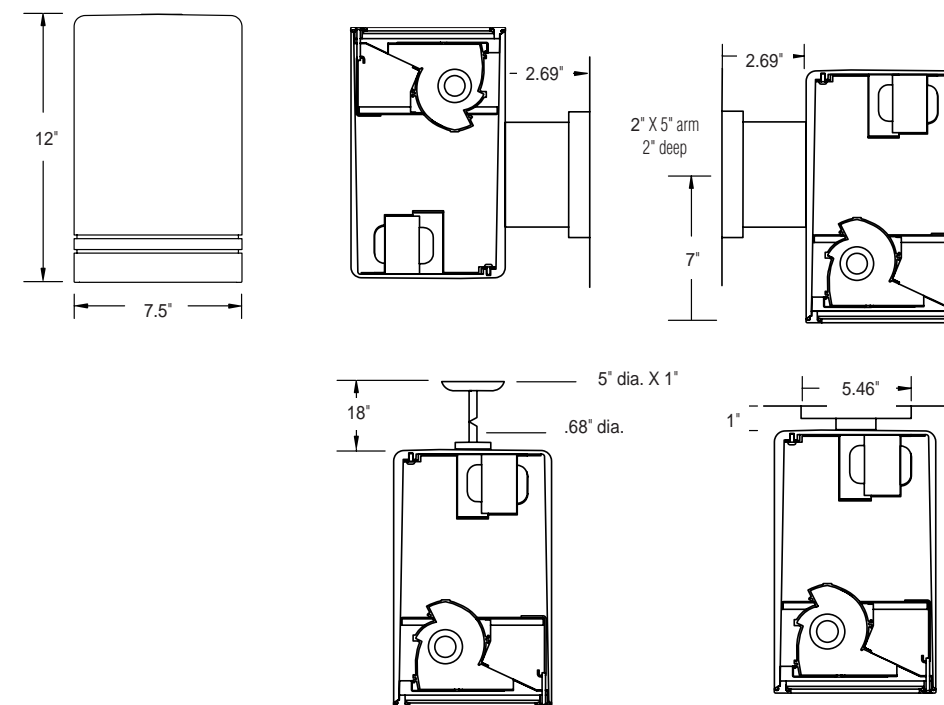
ELECTRICAL: An internal core and coil ballast designed for the 70W Metal Halide M139 lamp is provided.

LAMPHOLDER: Pulse rated G12 lampholder provided.

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

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

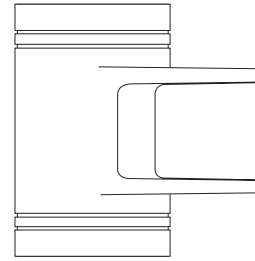
DIMENSIONS



301 LINE UP/DOWN

SPECIFICATIONS

GENERAL DESCRIPTION: The Gardco 301 LINE is a series of high performance up/down wall mounted cylinders. Each luminaire utilizes a single high intensity discharge lamp and provides illumination above and below. Housings are die cast aluminum with twin architectural reveals at both the lower and upper apertures. Six (6) downlight and two (2) uplight optical systems are available. The unique optional "Spike" downlight and/or uplight distribution creates a dramatic narrow stripe of illumination on the wall or column. Luminaires are finished with a fade and abrasion resistant polyester powdercoat offered in 5 standard colors.



ORDERING

example	PREFIX	MODEL	MOUNTING	TRIMS	WATTAGE	VOLTAGE	FINISH	OPTIONS
	301	E	W	SB	50HPS	277	BRP	F
	301	E Fully Enclosed	W Wall	L	50MH ¹	120	BRP	F
				LL	70MH	208	BLP	WS
				SD	100MH	240	WP	RCA
				SU	150HPS	277	NP	PCB
				SB	50HPS	347	BGP	
					70HPS		VP	
					100HPS		OC	
					150HPS ²		SC	
			W Wall	FT	T70MH			
					T150MH			
				FT Trims utilize T6 Lamps. Lamps are supplied with the luminaire				
			O Open Downlight	R	50MH ³			
				B	70MH ³			
					100MH ³			
					150MH ³			
					50HPS			
					70HPS			
					100HPS			
					150HPS			

NOTES:

- N/A with 347V
 - Contact factory for availability of 150HPS w/SD, SU or SB Trims
 - Must use open fixture rated E-17 metal halide lamps
- MH Metal Halide
HPS High Pressure Sodium

TRIMS:

- L Obscuring lenses on uplight and downlight. Soft symmetrical distributions.
- LL Egg crate louvers on downlight. Obscuring lenses on uplight and downlight.
- SD Spike downlight distribution. Obscuring lens on uplight.
- SU Spike uplight distribution. Obscuring lens on downlight.
- SB Spike uplight and downlight distributions.
- FT Forward throw downlight distributions. Soft uplight glow.
- R Reflector produces medium downlight distribution with sharp cutoff to lamp and images. Obscuring lens on uplight.
- B Black baffled downlight. Obscuring lens on uplight.

FINISH

- BRP Bronze Paint
- BLP Black Paint
- NP Natural Aluminum Paint
- WP White Paint
- BGP Beige Paint
- VP Verde Green Paint
- OC Optional Color Paint
Specify RAL designation as shown
in Color Selection Guide.
ex. OC-RAL7024
- SC Special Color Paint
(Must supply color chip)

OPTIONS

- F Fusing (N/A w/ 150W or 347V)
- WS Wall Mounted Box for Surface or Through Wall Conduit
- RCA Round Column Mounting Adapter for Through Column or Surface Conduit (Minimum column diameter 18")
- PCB Button Type Photocontrol (120 or 277V. Consult factory for other voltages)

HOUSING:

Housings are single-piece die cast aluminum cylindrical forms with integral side wall mounting canopy / ballast chambers. Provided mounting brackets are galvanized steel.

OPTICAL SYSTEMS

LENS (L): The uplight and downlight components both utilize twin (four total per luminaire) spun specular Alzak reflectors which provide the symmetrical distributions. The uplight-obscuring lens is flush mounted and the downlight-obscuring lens is regressed. The lenses soften the distribution and conceal the optical system and internal hardware.

LOUVERS (LL): Die cast aluminum egg crate louvers are installed over the downlight-obscuring lens. All other optical elements are as described in the Lens (L) option.

SPIKE DOWNLIGHT (SD): Inner and outer spun specular Alzak reflectors provide a very narrow spot beam at nadir. Uplight optical system is as described in the Lens (L) option.

SPIKE UPLIGHT (SU): Inner and outer spun specular Alzak reflectors provide a very narrow spot at zenith. Downlight optical system is as described in the Lens (L) option.

SPIKE BOTH UPLIGHT AND DOWNLIGHT (SB): Two sets of inner and outer spun specular Alzak reflectors provide very narrow spot beams at nadir and zenith.

REFLECTOR (R): Spun specular Alzak reflector produces a medium symmetrical downlight distribution with sharp cutoff to lamp and lamp images. Uplight optical system is as described in the Lens (L) option.

BAFFLE (B): Upper spun specular Alzak reflector and lower black baffle produce a medium symmetrical downlight distribution with exceptional control of high angle brightness. Uplight optical system is as described in the Lens (L) option.

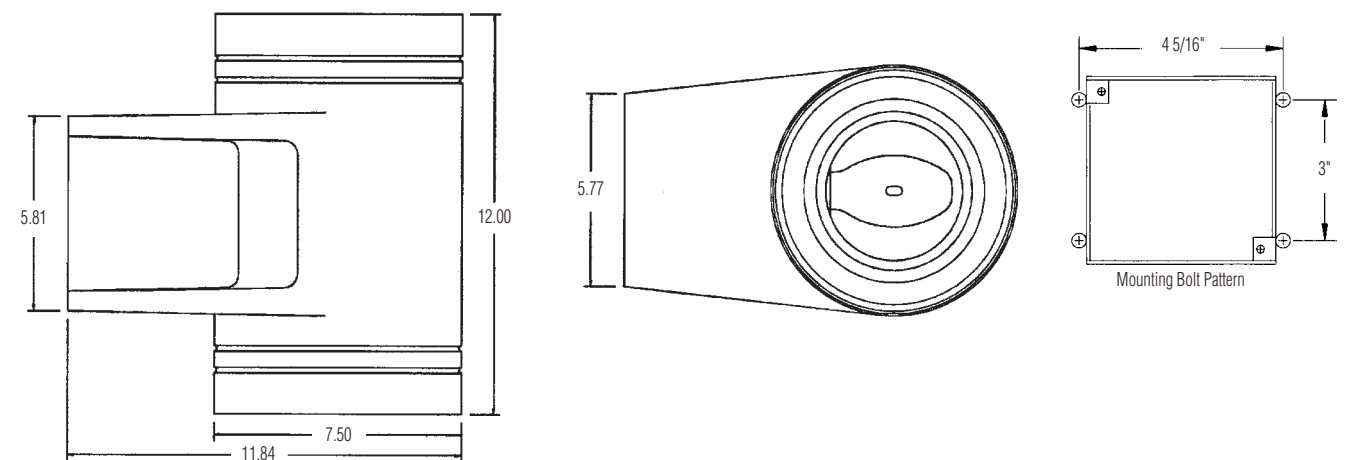
FORWARD THROW (FT): Faceted specular Alzak and specular extruded reflector system produces an asymmetric forward projecting distribution. Secondary optical system with obscuring lens produces a soft uplight glow.

ELECTRICAL: All luminaires utilize magnetic HID ballasts that are high power factor and designed for reliable lamp starting to -20° F. Pulse rated sockets are glazed porcelain with nickel plated screw shells.

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

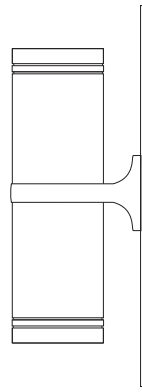
LABELS: All fixtures bear UL and CSA (or CUL) (where applicable) Wet Location labels.

DIMENSIONS



302 LINE UP/DOWN

GENERAL DESCRIPTION: The Gardco 302 LINE is a series of die cast cylinders for up and down lighting in a single, integrated form. The 302 incorporates two Gardco 300 LINE cylinders using a cast bracket to create a single assembly. The 302 offers choices with optics and sources to allow for a variety of aesthetic elements on building surfaces.



ORDERING

example	PREFIX	MODEL	MOUNTING	LAMP UP		LAMP DOWN		TRIM DOWN	VOLTAGE ³	FINISH	OPTIONS
	302	O	W	50HPS	50HPS	50HPS	50HPS	R	120	BRP	F
	302	O Open Downlight	W Wall	50MH T70MH ²	70MH 100MH	50MH 100MH	70MH	R B	120 277	BRP BLP	F PCB
				50HPS 100HPS	70HPS	50HPS 100HPS	70HPS	R B		NP WP	
				R70MH	R100MH	R70MH ⁴	R100MH ⁴	B		BGP	
				R70HPS		R70HPS		B		VP	
				P/R INC		P/R INC		B		OC	
				26QF 32TRF 42TRF		26QF 32TRF 42TRF		R		SC	
				50MH T70MH ²	70MH 100MH	50MH 100MH	70MH	L B			
	E Enclosed Downlight	W Wall		50HPS 100HPS	70HPS	50HPS 100HPS	70HPS				
				R70MH	R100MH	R70MH	R100MH				
				R70HPS		R70HPS					
				P/R INC		P/R INC		LL		Obscuring Flat Solite Lens with Louver	
				26QF 32TRF 42TRF		26QF 32TRF 42TRF					
				50MH T70MH ²	70MH 100MH	T70MH ²		FT/D		Flat Clear Lens with Forward Throw Reflector	

NOTES:

- Lamp Up Trim is always (CL) Clear Lens.
- T70MH Lamp utilizes a FT Forward Throw reflector. Lamp is supplied.
- Consult factory for other voltages.
- Suitable for PAR38 only.

LAMPS:

R R40 or PAR38 Reflector Lamp
 P/R INC 100W max PAR38 or R40 Incandescent Lamp
 F QF - Quad Tube; TRF - Triple Tube. 4-pin Compact Fluorescent Lamp
 T70MH Tubular T-6 70MH Lamp (supplied with luminaire)
 All others E-17 Clear Lamp

FINISH

BRP Bronze Paint
 BLP Black Paint
 NP Natural Aluminum Paint
 WP White Paint
 BGP Beige Paint
 VP Verde Green Paint
 OC Optional Color Paint
 Specify RAL designation as shown in Color Selection Guide.
 ex. OC-RAL7024
 SC Special Color Paint
 (Must supply color chip)

OPTIONS

F Fusing
 PCB Button Type Photocontrol

SPECIFICATIONS

HOUSINGS: Housings are cast in a single-piece cylindrical form of corrosion resistant alloy, 1/8" min wall thickness. Units measure 7.5" in outside diameter and 12" in height. Housings are secured to the wall and luminaire assembly using a cast mounting canopy/bracket. The canopy includes a hanger bracket and a mounting bracket (secured over splice box).

LIGHT CONTROL

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.

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

LENS WITH LOUVER (LL): Lens with louver units consist of a Solite® obscuring 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".

Note: Clear lens trims include a clear tempered glass lens mounted to a die cast aluminum frame. Supplied standard on all models ("Trim Up"). Twin lens supplied standard with upper glass lens.

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 uplight units feature a dual clear glass lenses mounted within a die cast aluminum frame. Reflector provides asymmetric forward throw distribution of light.

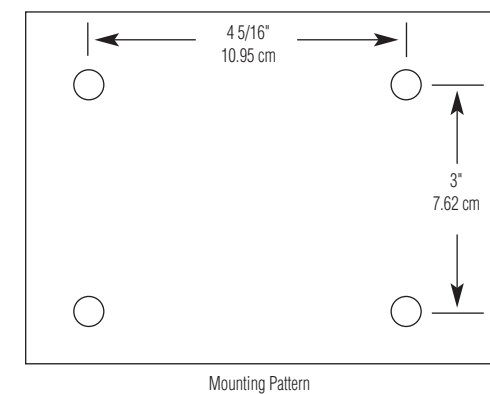
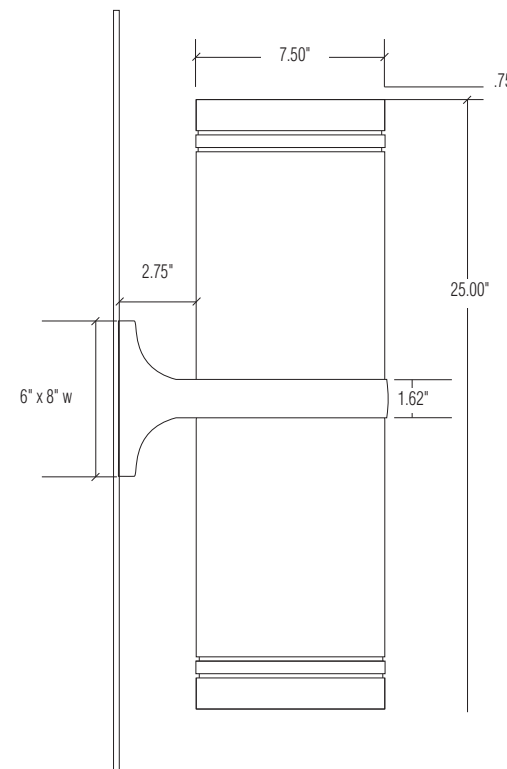
ELECTRICAL: Internal ballast will be provided based on the specified lamp configuration.

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

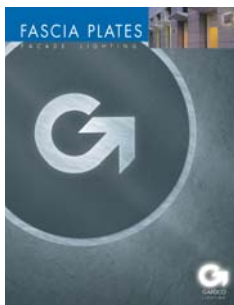
FINISH: Each standard luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured, textured TGIC polyester powdercoat finish. Consult factory for special colors. The cast bracket is painted to match the housings.

LABELS: All fixtures bear UL and CSA (or CUL) (where applicable) Wet Location labels.

DIMENSIONS



Fascia Plates



140 Line Super Sconce



100 Line Sconces



Step & Aisle Lights



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