

DESIGNER

S P O T L I G H T



GARDCO
LIGHTING

DESIGNER SPOTLIGHT

Gardco Lighting – the company that revolutionized site lighting, floodlighting and garage lighting – has now revolutionized the outdoor “Bullet Light”. Capitalizing on its legendary optical design capability and recent advances in lamp technology, Gardco now offers a new line of commercial landscape luminaires with unprecedented performance. Moreover, the sleek, compact and contemporary style of the Designer Spotlight is also unmistakably... Gardco.

A Clean, Contemporary Form.

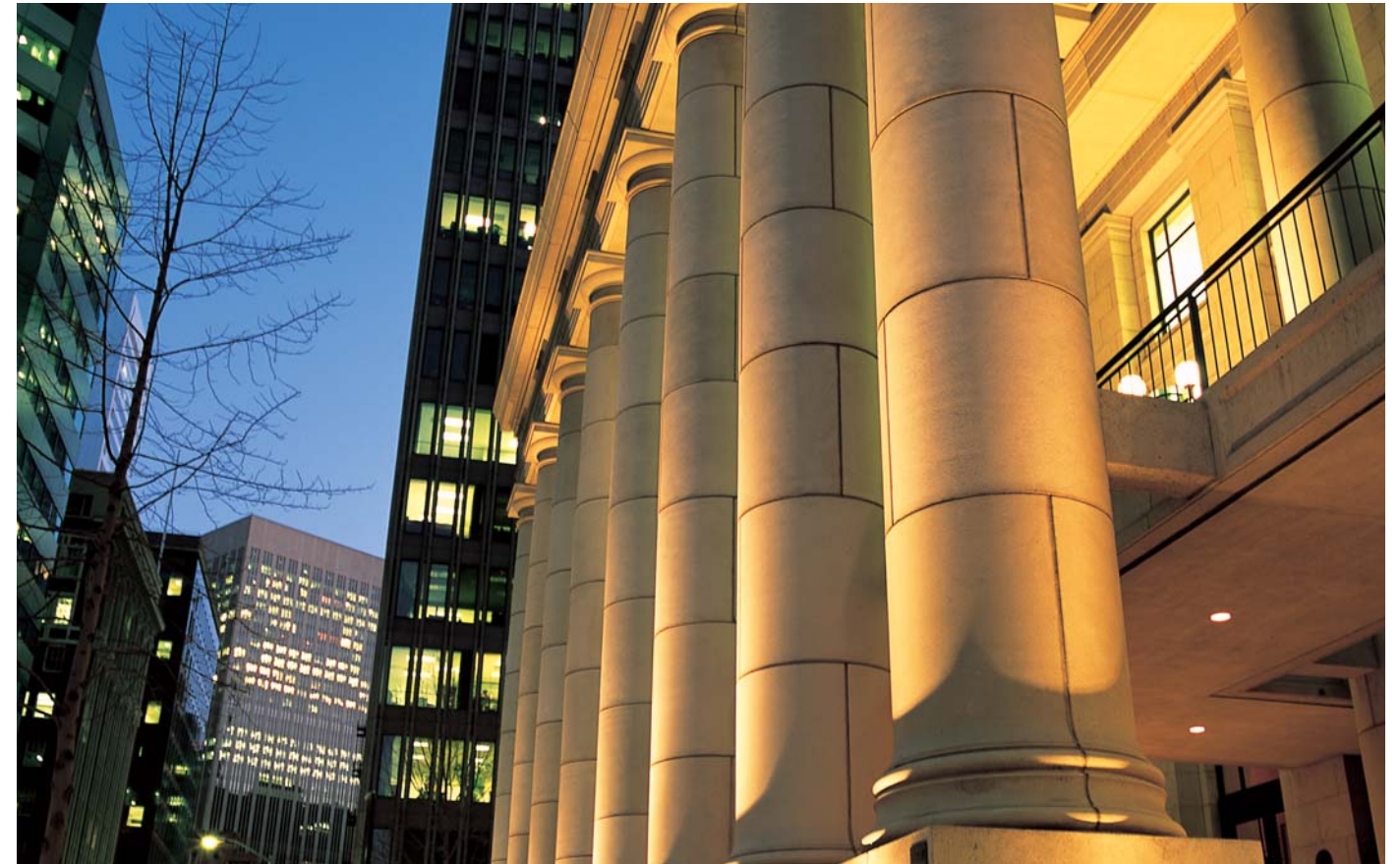
The soft, semi-ellipsoidal form of the Designer Spotlight redefines the utilitarian bullet light. This gracefully styled luminaire blends naturally with landscape and architecture. The subtle side ribs offer aesthetic definition to the form while providing a self-cooling function to heat-sensitive electrical components.

APPLICATIONS



Uplighting

Whether a spotlight on a palm or a flood distribution on a sycamore, uplighting a tree can have a dramatic impact on the landscape. New lamp technologies and the optical systems in the Designer Spotlight can greatly enhance these effects.



Columns

Highlighting building columns or other building details can transform the architectural vision to the nighttime environment. The diverse mounting options and numerous optical systems offered by the Designer Spotlight create abundant architectural lighting opportunities.



Flagpoles

Legal regulations and patriotic sensibilities often dictate full illumination of national flags after dusk. The Designer Spotlight will magnificently illuminate flags and banners.



Statuary

The exceptional light output provided by the Designer Spotlight will ensure that the intended sculptures and statuary become the dominant focal point in the outdoor environment.

VERSATILITY

The DSP5 measures a mere five inches in (nominal) diameter and uses HID lamps up to 70W. This diminutive luminaire is ideal for low level traditional landscape applications.



DSP5

Where a bit more horsepower is required, the DSP7 measures just seven inches in (nominal) diameter and uses HID lamps to 100W. This full-size Designer Spotlight is appropriate for highlighting architectural elements, remote sign lighting and even small area lighting.



DSP7

STATE-OF-THE-ART LAMP TECHNOLOGY

Over the past 15 years innovation in HID and compact fluorescent lamps has outpaced luminaire design. The Designer Spotlight maximizes these new sources for dramatic illumination of the landscape and architectural environment.



The extraordinary selection of new metal halide or traditional incandescent PAR and reflector lamps create opportunities for dramatic lighting effects. Changing distributions is as easy as relamping to accommodate growing trees and altered landscapes.



MOUNTING

Mounting options for the Designer Floodlight are numerous, as one would expect with a product with such wide application. Installation is straightforward for both original and retrofit construction.



The J mount allows for mounting directly to a surface J-box (by others) and is suitable for most retrofit ground mount applications.



The W mount is appropriate for mounting to walls or canopies over recessed outlet boxes (by others).



The unique U (universal) option allows for mounting directly to a provided cast box recessed in concrete or surface mounted on walls, trees, pedestals, etc.



The new stanchion option allows for mounting at heights of 2" to 12" above grade and for rugged in-concrete placement. Splices are made in stanchion eliminating the need for unsightly J-boxes in landscape.

INTEGRAL BALLAST

Historically, HID bullet lights have required auxiliary in-ground or remote above-ground ballast compartments. These are not only expensive, but are often subject to corrosion, water intrusion, and maintenance problems. Installation of these two-part Bullet Light/Ballast Chamber systems typically requires coordination of multiple parties including contractors, landscapers and specifiers. In addition, this design greatly restricts mounting capabilities.



Colored lenses provide designers with the option to rake facades with color, to highlight signage and to create theatrical special effects throughout a landscape or campus. The Ordering Matrix provides a reference for each color option.



The Designer Spotlight utilizes integral HID or compact fluorescent ballasts that are low cost and easily serviced. These units can be installed by the electrician without coordination with other trades.

GLARE CONTROL



The standard Designer Spotlight luminaire provides sharp cutoff to the lamp and lamp images at normal viewing angles.



For applications directly proximate to pedestrian traffic, a die cast cutoff hood option is available to provide even greater shielding. Cutoff hood replaces the standard door frame.

CONSTRUCTION

All outdoor luminaires face the rigors of nature, but those that work at ground level must endure:

- Vandalism
- Impacts from lawnmowers, snowblowers and other maintenance equipment
- Intrusion of moisture and pollutants
- Insects
- Corrosion

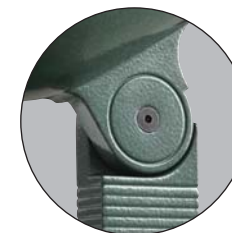
Thoughtful design and construction ensure that Gardco Designer Spotlights will make a lasting contribution to the outdoor environment.

High-strength die cast aluminum doorframe secures impact-resistant and non-yellowing tempered glass lens.

The rugged one-piece die cast aluminum housing was specifically engineered to thwart both the determined vandal and careless gardener.



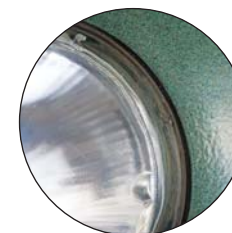
A unique heavy-duty die cast knuckle will withstand hard knocks, abusive treatment and years of routine service. Aiming can be set and securely locked in 5P increments.



Recessed allen-head bolts provide a tight, secure, tamper-resistant closure.



Memory-retentive gaskets completely reseal after every service, rendering the luminaire virtually impervious to intrusion by insects or moisture.



Gardco Designer Spotlights feature integral ballasts, eliminating the many challenges and field issues with remote mounted ballasts.

ORDERING

Example	PREFIX	MOUNTING	LAMP/DISTRIB.	WATTAGE	VOLTAGE ⁴	FINISH	OPTIONS
DSP5	J	T9-WSP	50HPS	120	BRP	F	
DSP5 5" Diameter	J U W ST SPM SPS	T9-WSP PAR30 PAR30-INC	50HPS ¹ 35/39MH ² 39CMHE ⁴ 70MH ³ PAR30L75 ¹	120 277	BRP BLP WP NP BGP VP OC SC	F* C	*Not available with incandescent
DSP7	J	E17-WSP	50HPS	120	BRP	F*	
DSP7 7" Diameter	J U W ST SPM SPS	E17-WSP R40/PAR38 R40/PAR38-INC TRF-WSP	50HPS 70HPS 100HPS 50MH 70MH 100MH 70CMHE ⁴ 70MH 100MH 70HPS 70CMHE ⁴ 300R40 ¹ (MAX) 26QF ⁵ 32TRF ⁵ 42TRF ⁵	120 277	BRP BLP WP NP BGP VP OC SC	F* CH	Colored Lens AB CB GR LG OR RD YL *Not available with incandescent

- 120V only.
- 35/39MH 120V available in NPF only.
- DSP5 70MH units are available in 277V only.
- CHME- Ceramic MH with Electronic Ballast. Luminaire supplied with Electronic MH ballast for use with Ceramic MH Lamps ONLY. If a specific ballast brand is required, contact factory for feasibility. Not all ballast brands are compatible with this product. Available only with 120V or 277V input voltages.
- 26QF, 32TRF and 42TRF types feature an electronic fluorescent ballast that accepts 120V through 277V, 50hz or 60hz input.

QF Quad Tube Fluorescent
TRF Triple Tube Fluorescent

SPECIFICATIONS

HOUSING: Single piece aluminum housing is die cast in a semi-ellipsoidal form. One piece "O" ring gasket mates with lens assembly.

LENS ASSEMBLY: Heat and impact resistant tempered clear convex glass lens is mechanically secured to die cast lens holder. Optional cutoff hood replaces standard lens assembly and provides additional shielding to lamp and lamp images.

STEM/KNUCKLE ASSEMBLY: Rugged die cast aluminum stem and knuckle assembly provide 360P lateral and 90P vertical aiming capability and secure locking mechanism.

OPTICAL SYSTEMS: Reflector systems for E17, T9.5 and compact fluorescent lamps provide an assortment of distributions. R and PAR lamp distributions are lamp dependent. All optical systems offer sharp cutoff to aperture brightness at normal viewing angles.

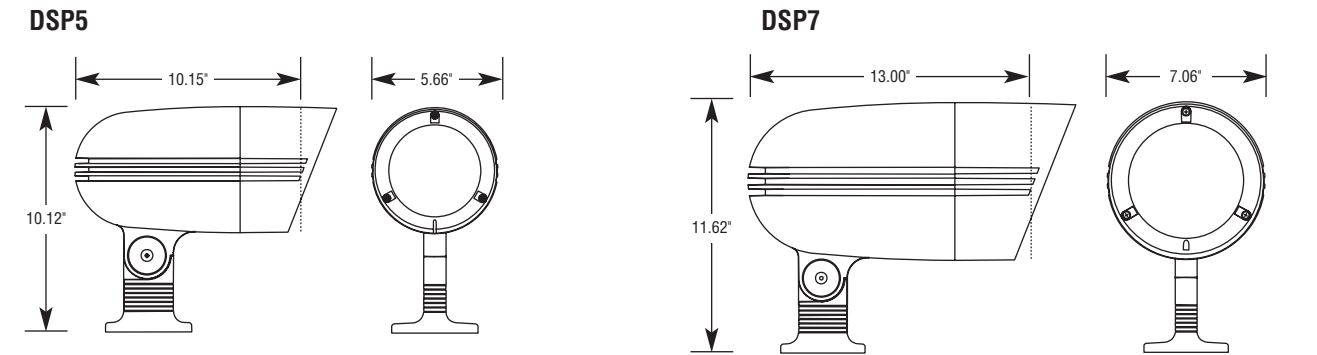
ELECTRICAL: HID luminaires that utilize magnetic ballasts are high power factor except for 35/39W MH 120V which is NPF only. All HID ballasts are designed for reliable lamp starting to -20P F. Luminaires supplied with electronic metal halide ballasts will operate Ceramic Metal Halide lamps only.

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. All fluorescent luminaires utilize electronic ballasts that are high power factor and designed for reliable lamp starting to OPF.

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

LABELS: All luminaires have IP65 rating and bear UL or CUL (where applicable) Wet Location labels.

DIMENSIONS/MOUNTING OPTIONS

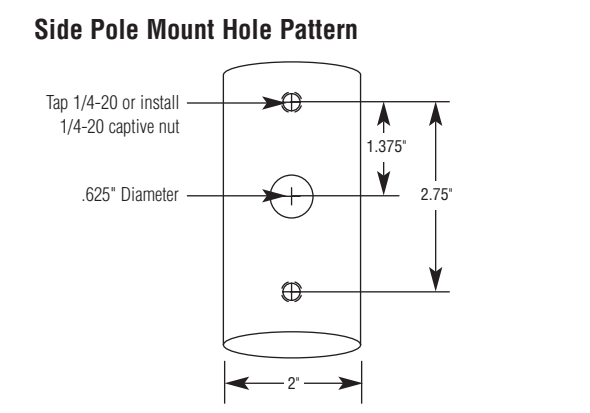
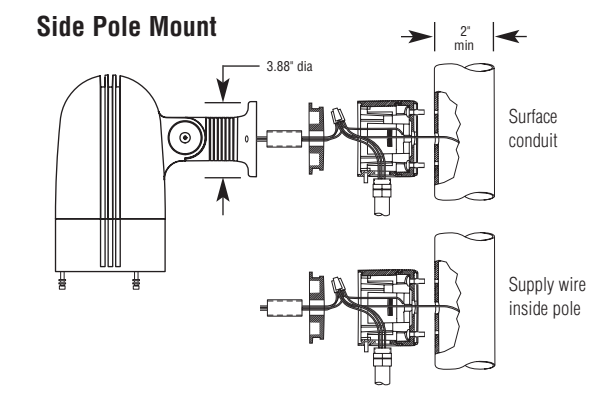
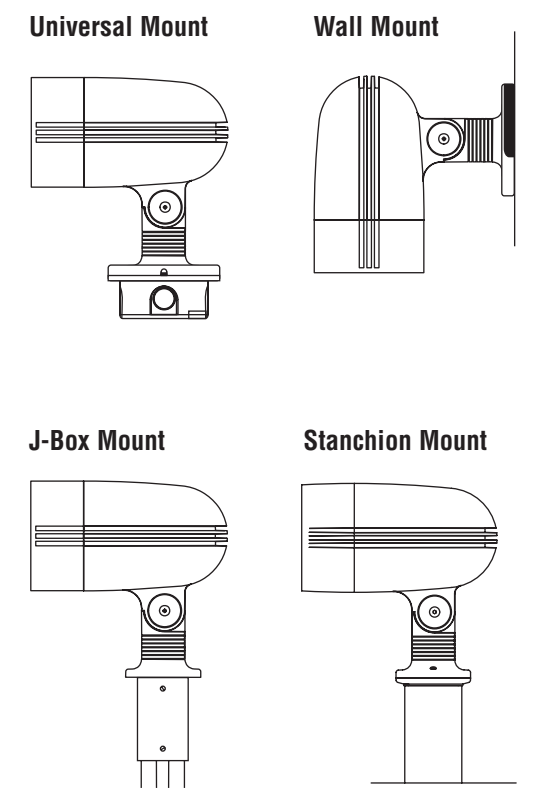


MOUNTING	LAMP/DISTRIBUTION	FINISH	OPTIONS
J J-Box Mount For mounting to surface J-box (by others).	T9-WSP Wide Spot Distribution - For use with Iwasaki T9.5 50W HPS lamp (supplied with luminaire).	BRP Bronze Paint	F Fusing (Not available with incandescent sources.)
U Universal Mount Includes shallow cast box. For mounting to surface conduit on walls, canopies, trees, etc. The universal mount also allows for mounting flush to ground and when box is installed in a poured concrete pad.	PAR30 For use with PAR30 metal halide lamps.	BLP Black Paint	CH Cutoff Hood (Replaces standard door/lens holder. May be specified with colored lenses.)
W Wall Mount For mounting over recessed outlet box (by others) on wall or canopy surface.	PAR30-INC For use with PAR30 incandescent - 75W maximum.	NP Natural Aluminum Paint	
ST Stanchion Mount For direct burial in concrete. Luminaire may be mounted from 2"-12" above grade.	E17-WSP Wide Spot Distribution - For use with E-17 HID lamps.	WP White Paint	
SPM Side Pole Mount Attaches to round light pole or round flag pole.	R40/PAR38 For use with R40 or PAR38 metal halide lamps.	BGP Beige Paint	
SPS Side Pole Mount Side Pole Mount for use with Surface Conduit.	R40/PAR38-INC For use with R40 or PAR38 incandescent lamps (300W maximum.)	VP Verde Green Paint	
	TRF-WSP Wide Spot Distribution - For use with compact fluorescent lamps.	OC Optional Color Specify RAL designation as shown in Color Selection Guide. ex. OC-RAL7024	

COLORED LENS OPTIONS

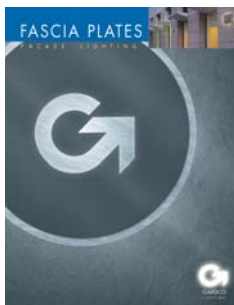
- (Replaces Clear Lens, DSP7only. 100W maximum)
- AB Light Blue
 - CB Cobalt Blue
 - GR Green
 - LG Light Green
 - OR Orange
 - RD Red
 - YL Yellow

Consult factory before specifying luminaires equipped with electronic Metal Halide Ballasts with the colored lens option.



Prior to ordering, consult submittal data on www.sitelighting.com for the most current information.

Fascia Plates



Form 10 Round



100 Line Sconces



Bollards



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