

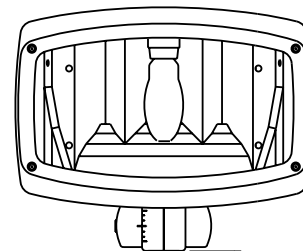


by @ignify

## Floodlight

### Designer Floodlight

DF12 – 12" Diameter



The Gardco DF12 is a flood luminaire with a choice of (5) precision faceted optical systems. Each is designed to provide a specific distribution and sharp cutoff of stray light. The contemporary soft-form cast housing is available in a variety of finishes creating compatibility with most architectural and landscape elements. The high strength diecast aluminum knuckle features an integral splice compartment eliminating the need for a supplementary junction box and thereby permitting closer to grade mounting.

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Cat.No: \_\_\_\_\_


Type: \_\_\_\_\_

Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_

Notes: \_\_\_\_\_

### Ordering Guide

example: DF12WHFL250PSMH120BRPPCB

Prefix	Mounting	Distribution	Wattage	Voltage	Finish	Options	
DF12							
DF12 Designer Floodlight 12" Diameter	W Wall/Ceiling Canopy Mount <i>For mounting over (not to) a 4" recessed outlet box. When mounted on vertical surface, provides vertical aiming from straight down tp 100° up from nadir. When mounted on a vertical surface, long axis of luminaire must be horizontal (+/-30°). Mounts directly to wall or ceiling. The surface structure must be suitable to support the luminaire. Only suitable for use on non-combustable surfaces.</i>	HFL Horizontal Flood	Pulse Start MH <i>Magnetic Ballast</i> 250PSMH(E) 320PSMH <sup>4,5</sup> (E)	120 208 240 277 347 480 200 – 277 <sup>2</sup>	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>	PCB <sup>5</sup> Button Type Photocontrol BD <sup>6</sup> Barn Doors CH <sup>6</sup> Cutoff Hood POLY <sup>5,7</sup> Polycarbonate Shield F <sup>8</sup> Fusing ESB Extended Splice Box LV <sup>9</sup> Internal Louvers QS <sup>10</sup> Quartz Restrike QST <sup>10</sup> Quartz Restrike – Timed Delay WG <sup>11</sup> Wire Guard	
		VFL <sup>1</sup> Vertical Flood	400PSMH(E) 250PS <sup>10,16</sup> (E)				
		MFL Medium Flood	350PSMH <sup>4,5</sup> (E) 750PSMH <sup>9</sup> (E)				
		HSP <sup>1</sup> Horizontal Spot	MasterColor®  Elite <i>Electronic System</i> 210MCE-3K <sup>2</sup> (E) 315MCE-3K <sup>2</sup> (E) 210MCE-4K <sup>2</sup> (E) 315MCE-4K <sup>2</sup> (E)				
		NSP Narrow Spot					
		WMB Wall Mount Bullhorn <i>For mounting over (not to) a 4" recessed outlet box. Provides full axial 180° vertical and 358° rotational aiming range. Mounts direct to wall. Surface structure must be suitable to support the luminaire. When mounted in wet locations, luminaire must be mounted as shown in diagrams on page 2. In damp or dry locations, arm assembly may be inverted.</i>					High Pressure Sodium Magnetic Ballast 25HPS 400HPS 750HPS <sup>3</sup>
							(E) Wattages marked with Circle "E" meet federal energy efficiency standards applicable to 150 watt through 500 watt metal halide luminaires only. NOTE: All luminaires 400 watts and below include fusing standard. Fusing is NOT available with 750 watt types.
	W90 Wall Arm Mount <i>For mounting over (not to) a 4" recessed outlet box. Provides full axial 180° vertical and 358° rotational aiming range. Mounts direct to wall. Surface structure must be suitable to support the luminaire. When mounted in wet locations, luminaire must be mounted as shown in diagrams on opposite page. In damp or dry locations, arm assembly may be inverted.</i>						
	ST Stanchion Mount <i>18" stanchion for in-ground concrete burial mounting.</i>						
SM Surface Mount Stanchion <i>Mounts to 18" stanchion pole assembly.</i>							
(Note 10) QS / Q924 Table							
HID Lamp Watts					Maximum Quartz Lamp Watts		
175 watts or less					100 Watts		
Above 175 watts up to 400 watts					150 Watts		
Luminaires above 400 watts HID are not available with QS or QST options.							

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. Not Available with 750HPS or 750PSMH.
1. 250PS90 includes a 90% efficient magnetic PSMH ballast, meeting the requirements of California Title 20, effective 1/1/2010.
2. Only MCE types are available in 200-277V. MCE types not available in 120V, 347V or 480V. MasterColor® Elite systems are supplied with lamp. "-3K" suffix specifies a 3000°K lamp and "-4K" suffix specifies a 4000°K lamp.
3. Not available with HSP or VFL optics.
4. Requires BT28 / E28 lamp.
5. Not available in 480V.
5. Not available with 750 watt types.
6. Barn Doors (BD) and Cutoff Hoods (CH) are painted to match the luminaire. Either can be used concurrently with the Polycarbonate Shield (POLY).
7. Should be replaced every 3 to 4 years or sooner. Polycarbonate lenses carry a 1 year warranty only.
8. All luminaires 400 watts and below include fusing standard. Fusing is NOT available with 750 watt types.
9. MFL, HSP and NSP only.
10. See QS/QST Table
11. Not available with CH, BD or POLY options. Field Installable.

# Designer Floodlight    DF12 – 12" Diameter

## Additional Mounting Accessories

PTA	Pole top 2 3/8" (6.03cm) tenon adapter
TAB	Twin arm bracket for use with ST or PTA
PT2	Pole top 2 3/8" (6.03cm) tenon adapter for twin back to back luminaire mounting

## Specifications

### HOUSING

Single piece aluminum housing is die cast in soft barrel form. One piece extruded gasket mates with door frame.

### DOOR/LENS ASSEMBLY

Heat and impact resistant 3/16" (.48 cm) tempered glass lens and one piece silicone gasket are mechanically secured to door frame.

### KNUCKLE

Diecast aluminum knuckle features an integral splice compartment. Single captive 3/8"(.95 cm) stainless steel allen-head bolt and stainless

steel nut securely lock aiming teeth in 5° increments. Opposite cover plate is removeable for access to splices. Knuckle assembly is fully gasketed.

### OPTICAL SYSTEM

The wide flood, vertical flood, medium flood and horizontal spot optical systems are homogenous sheet and extruded aluminum, electrochemically brightened, anodized and sealed. The narrow spot reflector is spun Alzak® aluminum.

### ELECTRICAL

All electrical components are UL recognized and factory tested. High power factor magnetic ballasts are the separate component type capable of providing reliable lamp starting to -20°F/-29°C. Luminaires provided with the MasterColor® Elite high performance ceramic metal halide electronic system include high power factor electronic ballasts, designed specifically for the system selected.

### LAMPHOLDER

Pulse rated lampholder is glazed porcelain with nickle

plated screw shell. All lampholders are mogul base.

### FINISH

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

### WARRANTY

Gardco luminaires feature a 5 year limited warranty. See Warranty Information on [www.sitelighting.com](http://www.sitelighting.com) for complete details and exclusions. Polycarbonate lenses carry a 1 year warranty only.

DF12 Splice Compartment Capacity	Standard Units	Extended Splice Box
#12 AWG Conductors <sup>10</sup>	5	9
TAB #10 AWG Conductors <sup>10</sup>	3	7
<small>10. Including ground.</small>		

DF12 Pole Loading Data	EPA
Single Luminaire on PTA Adapter	2.6ft <sup>2</sup> / .24m <sup>2</sup>
Twin Luminaires on PTA Adapter	3.7ft <sup>2</sup> / .34m <sup>2</sup>
Twin Luminaires on TAB Adapter	5.6ft <sup>2</sup> / .52m <sup>2</sup>

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## Dimensions and Mounting

