

FOCAL

Type: _____
 Job: _____
 Quantity: _____
 Catalog number: _____
 FOC _____

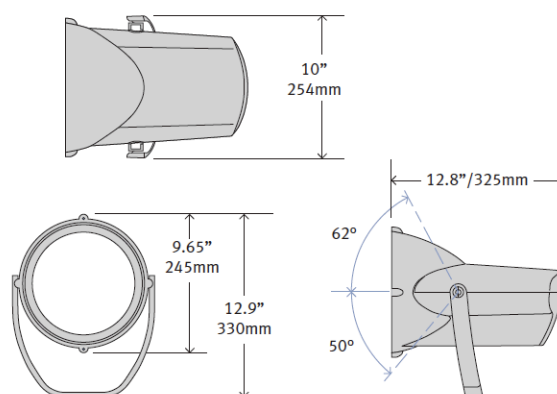
Approvals: _____

Date: _____

1 2 3 4 5
 → See page 3 & 4

SPECIFICATIONS

Model	FOCAL
Height with Yoke	12.7 in / 323mm
Length	12.9 in / 325mm
Body Diameter	9.7 in / 245mm
EPA	.61 sq ft / .057m ²
Weight	13 lbs / 5.9 kg
IP Rating - Reflector	66



HOUSING	Made of die cast aluminum with mounting provision for hardware. Front of housing accepts of accessories for beam modification and glare control.
GASKETING	Silicone gasket to insure IP66 rating for dust and water ingress protection as per IEC 598 standard.
LOCKING SYSTEM	Closing captive 0.158" (4mm) Allen head stainless steel screws. One Allen key is provided with the order.
REFLECTOR	Formed in aluminum, polished, electro-chemically brightened, and anodized to provide a precisely controlled light beam. Modification of light center position with focus adjustable device allows for field adjustment of beam angle.
LENS	Flat protector made of clear tempered glass, shock resistant. The lens is permanently sealed to the housing by a bead of silicone applied by a high precision machine.
LAMP HOLDER	Porcelain heat-resistant pulse rated 4kV G12 base.
LAMP	Important note: please use 3000 ^o K lamps.



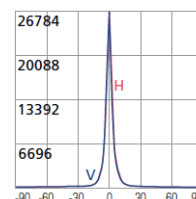
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- BALLAST** Integrated, Metal Halide, high power factor, -20°F (-30°C) lamp starting capacity, with polarized quick disconnect plugs with positive lock. Regulator type: (EL) solid state electronic control gear.
- BALLAST TRAY** Integrated electronic control gear is to be mounted onto an injection molded polymer structure, fixed into the housing.
- ELECTRICAL FEEDING** A pressure gland will insure tightness level at the wire entry for flexible conduit 0.310" to 0.560" (7.87mm to 12.95mm) (Cord by Others).
- MOUNTING** The yoke is made of a single cast aluminum part. Three (3) mounting holes available for 3/8"-16 (9.5-406mm) anchor bolts. (bolts and anchoring devices by installing contractor). The yoke allows 112 degree rotation. Position adjustment is allowed by tightening the yoke's support screws.
- HARDWARE** All exposed screws will be in stainless steel. All seals and sealing devices are made and/or lined with EPDM and/or silicone.
- FINISH** Application of polyester powder coat paint. The chemical composition provides a highly durable UV and salt spray resistant finish in accordance to the ASTM-B117 standard and humidity proof in accordance to the ASTM-D2247 standard.

PHOTOMETRY

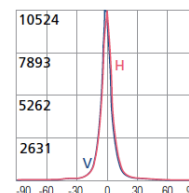
NARROW BEAM REFLECTOR
 26,784 MAXIMUM CANDELA
 70 WATT METAL HALIDE CDM LAMP

Nema type: 1 x 1
 Beam angle: 6 x 6
 Imax value: 26,784

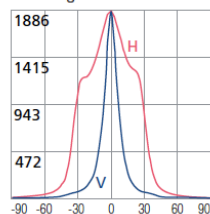


SEMI BEAM REFLECTOR
 10,524 TO 3,500 CD/KLM
 70 WATT METAL HALIDE CDM LAMP

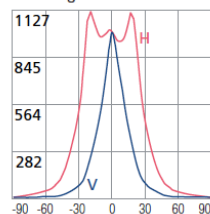
Nema type: 2 x 2
 Beam angle: 10 x 10
 Imax value: 10,524



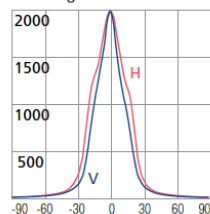
L1 REFRACTING GLASS
 NEMA: 5 x 3 Imax: 1886
 Beam angle: 61 x 13



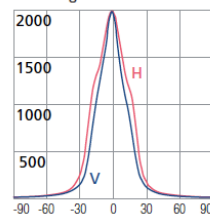
L 2 REFRACTING GLASS
 NEMA: 5 x 4 Imax: 1127
 Beam angle: 56 x 126



Q1 REFRACTING GLASS
 NEMA: 3 x 3 Imax: 4427
 Beam angle: 19 x 16



Q2 REFRACTING GLASS
 NEMA: 4 x 4 Imax: 2000
 Beam angle: 39 x 28

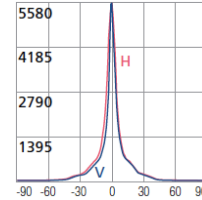


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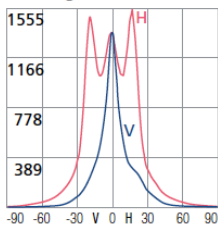
WIDE BEAM REFLECTOR
 5,580 TO 420 CD/KLM
 70 WATT METAL HALIDE CDM LAMP

Nema type: 3 x 3
 Beam angle: 39 x 28
 I_{max} value: 5,580



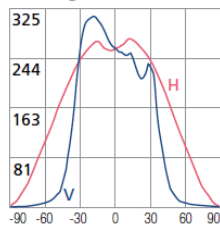
L1 REFRACTING GLASS

NEMA: 5 x 3 I_{max}: 1555
 Beam angle: 48 x 15



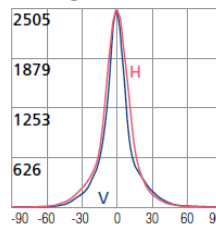
L2 REFRACTING GLASS

NEMA: 7 x 5 I_{max}: 325
 Beam angle: 96 x 74



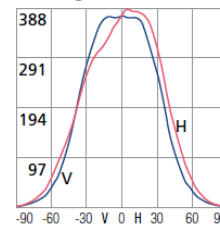
Q1 REFRACTING GLASS

NEMA: 4 x 4 I_{max}: 2505
 Beam angle: 22 x 17



Q2 REFRACTING GLASS

NEMA: 6 x 6 I_{max}: 388
 Beam angle: 80 x 75



ORDERING INFORMATION

FOC

1	2	3	4
OPTICS	LAMP TYPE	VOLTAGE	COLOR
<input type="checkbox"/> Narrow <input type="checkbox"/> Semi <input type="checkbox"/> Wide	<div style="background-color: #e0e0ff; padding: 2px;">MH T6 Metal Hlride - G12 bi-pin socket</div> <input type="checkbox"/> MH T6 - 39 39 watt lamp metal halide <input type="checkbox"/> MH T6 - 70 70 watt lamp metal halide <input type="checkbox"/> MH T6 - 150 150 watt lamp metal halide Please use 3000°K lamps	<input type="checkbox"/> 120 volt <input type="checkbox"/> 208 volt Remote ballast <input type="checkbox"/> 240 volt <input type="checkbox"/> 277 volt <input type="checkbox"/> 347 volt Remote ballast	<input type="checkbox"/> EQ 9011 Textured black <input type="checkbox"/> EQ 9007 Textured gray <input type="checkbox"/> EQ 9016 Textured white <input type="checkbox"/> EQ 8019 Textured bronze <input type="checkbox"/> EQ 9006 Smooth Aluminum <input type="checkbox"/> RAL ___ Provide four digit RAL color number <input type="checkbox"/> CSC Custom color. Provide a color sample for matching and approval.



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OPTIONS	
<input type="checkbox"/>	FS Light channel
<input type="checkbox"/>	LV Rotatable louvers in frame
<input type="checkbox"/>	GS Glare shield
<input type="checkbox"/>	WG Wire guard
<input type="checkbox"/>	L1 Wide, thin spread lens *
<input type="checkbox"/>	L2 Wide spread lens *
<input type="checkbox"/>	Q1 Flood spread lens *
<input type="checkbox"/>	Q2 Wide flood spread lens *
<input type="checkbox"/>	CF-GR Green colored glass filter Transmission value = 21%
<input type="checkbox"/>	CF-BL Blue colored glass filter Transmission value = 1.2%
<input type="checkbox"/>	CF-RD Red colored glass filter Transmission value = 2.5%
<input type="checkbox"/>	CF-AM Amber colored glass filter Transmission value = 75%
<input type="checkbox"/>	CF-OR Orange colored glass filter Transmission value = 30%
<input type="checkbox"/>	BB Remote ballast box - indoor 8"/200mm x 8"/200mm 6"/150mm deep
<input type="checkbox"/>	BBWP Waterproof remote ballast box 10"/256mm x 8"/ 200mm 6"/150mm deep
* spread lenses not for narrow	

