

FOCAL

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

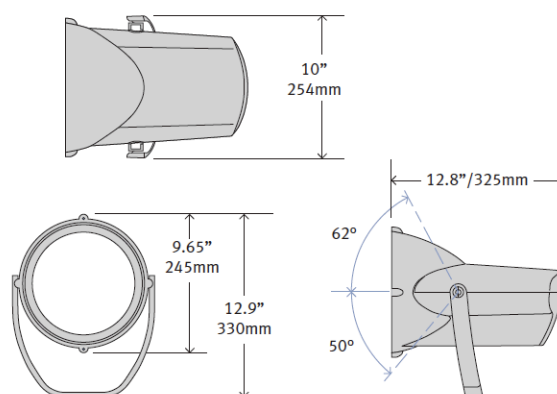
Approvals: _____

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^oK lamps.



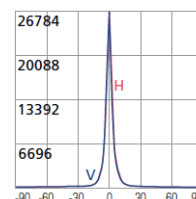
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- BALLAST** Integrated, Metal Halide, high power factor, -20°F (-30°C) lamp starting capacity, with polarized quick disconnect plugs with positive lock. Regulator type: (EL) solid state electronic control gear.
- BALLAST TRAY** Integrated electronic 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

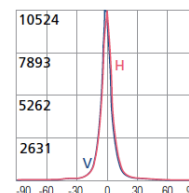
NARROW BEAM REFLECTOR
 26,784 MAXIMUM CANDELA
 70 WATT METAL HALIDE CDM LAMP

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

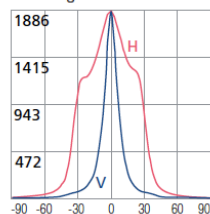


SEMI BEAM REFLECTOR
 10,524 TO 3,500 CD/KLM
 70 WATT METAL HALIDE CDM LAMP

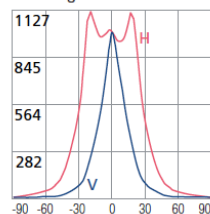
Nema type: 2 x 2
 Beam angle: 10 x 10
 Imax value: 10,524



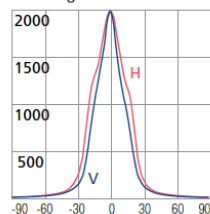
L1 REFRACTING GLASS
 NEMA: 5 x 3 Imax: 1886
 Beam angle: 61 x 13



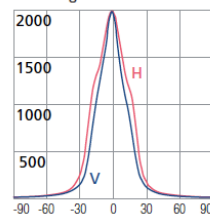
L 2 REFRACTING GLASS
 NEMA: 5 x 4 Imax: 1127
 Beam angle: 56 x 126



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

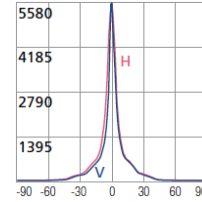


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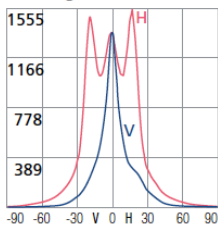
WIDE BEAM REFLECTOR
 5,580 TO 420 CD/KLM
 70 WATT METAL HALIDE CDM LAMP

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



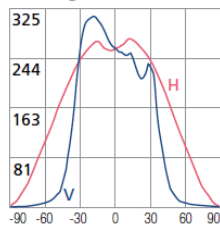
L1 REFRACTING GLASS

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



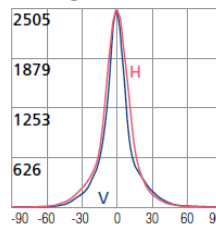
L2 REFRACTING GLASS

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



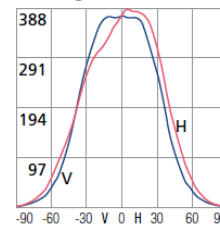
Q1 REFRACTING GLASS

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

OPTICS	LAMP TYPE	VOLTAGE	COLOR
<input type="checkbox"/> Narrow <input type="checkbox"/> Semi <input type="checkbox"/> Wide	<input checked="" type="checkbox"/> MH T6 Metal Hlide - G12 bi-pin socket <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	

