
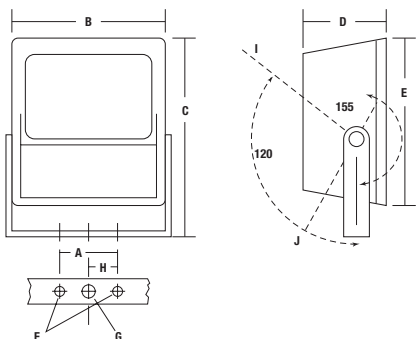



CAT.#	APPROVALS																																	
JOB	TYPE																																	
<p>SPECIFICATIONS</p> <p>Applications - For use in harsh, hazardous, marine, and corrosive environments such as petrochemical facilities, wastewater and sewage treatment plants, and salt water/corrosive environments.</p> <p>Construction -</p> <ul style="list-style-type: none"> Available up to 1000W HPS Restricted Breathing AExnR / ExnR ("RB" option) enables lower T-Ratings at higher wattages, refer to T-Rating table for availability Elevated ambient "EA" option available for specific wattages Removable Powr-Panl® ballast tray (up to 400W excluding "RB" option) Varying beam spreads utilizing vertical or horizontal lamp mounting Housing and door frame are copper-free (<0.4%) aluminum Lens is thermal shock, impact resistant Trunnion is hot dipped galvanized steel Hardware includes Hubbell Gard® screws <p>Listings -</p> <ul style="list-style-type: none"> UL844 Standard: Class I, Division 2 Groups A, B, C, D; Class I, Zone 2 Groups IIC, IIB, IIA AExnR/ExnR Restricted Breathing UL1598 and UL1598A Marine Outdoor NEMA 3, 4X, IP66 <p>Warranty -</p> <ul style="list-style-type: none"> Five years from date of purchase 	 <p>DIMENSIONS</p>  <table border="1"> <thead> <tr> <th>MVH</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>F</th> <th>G</th> <th>H</th> <th>I</th> <th>J</th> </tr> </thead> <tbody> <tr> <td></td> <td>3 1/8"</td> <td>16 9/8"</td> <td>25 1/2"</td> <td>9"</td> <td>17 7/8"</td> <td>17/32"</td> <td>7/8"</td> <td>1 9/16"</td> <td>12" R</td> <td>8 5/8" R</td> </tr> <tr> <td></td> <td>79mm</td> <td>416mm</td> <td>511mm</td> <td>229mm</td> <td>454mm</td> <td>13mm</td> <td>22mm</td> <td>40mm</td> <td>305mm</td> <td>219mm</td> </tr> </tbody> </table> 	MVH	A	B	C	D	E	F	G	H	I	J		3 1/8"	16 9/8"	25 1/2"	9"	17 7/8"	17/32"	7/8"	1 9/16"	12" R	8 5/8" R		79mm	416mm	511mm	229mm	454mm	13mm	22mm	40mm	305mm	219mm
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ORDERING INFORMATION

CATALOG NUMBER	PHOTOMETRY/NEMA/ IES H° X V°	LAMP TYPE/WATT- AGE	WEIGHT LBS. KG.	EPA FT² M²
VERTICAL LAMP				
MVH-0150S-26X ¹	7(144°) X 6(113°)	150W HPS	28 12.7	2.3 0.2
MVH-0250S-26X ¹		250W HPS	39 17.7	
MVH-0400S-26X ¹	7(144°) X 6(117°)	400W HPS	40 18.1	
MVH-1000S-26X ¹	6(130°) X 6(114°)	1000W HPS	55 24.9	
MVH-0250P-26X ¹	7(145°) X 6(114°)	250W PSMH	30 13.6	
MVH-0400P-26X ¹	7(146°) X 6(119°)	400W PSMH	32 14.5	
HORIZONTAL LAMP				
MVH-0250S-23X ¹	5(73°) X 3(32°)	250W HPS	39 17.7	2.3 0.2
MVH-0400S-23X ¹		400W HPS	40 18.1	
MVH-0250P-23X ³	3(457°) X 3(31°)	250W PSMH	30 13.6	
MVH-0400P-33X ³	3(44°) X 3(37°)	400W PSMH	32 14.5	

Note: Order Mounting Accessories Separately.

OPTIONS

F(x)	Fusing: single 120/277; double 208/240/480V; fuse included (specify voltage) ^{1,2,3}
RB	Restricted Breathing allowing for lower T-Ratings; housing provided with test port entry; see T-Rating chart for availability
EA	Elevated Ambient Capability, consult factory

¹ Replace X with voltage: 1=120V; 2=208V; 3=240V; 4=277V; 5=480V; E=220/240V 50Hz.
² Fused units do not carry UL 1598A Marine Outdoor listing.
³ Not CSA certified with F option.
 41000W units include lamp as standard. HPS lamp is Catalog 1000S52/ED37 from Philips.

HAZARDOUS LOCATION TEMPERATURE RATINGS

WATTAGE	VERTICAL LAMP				HORIZONTAL LAMP				RESTRICTED BREATHING			
	CLASS II, DIVISON 2 ¹		CLASS 1, ZONE 2 ¹		CLASS 1, DIV. 2 ²		CLASS 1, ZONE 2 ¹		OPTION			
	MAX. OPER. TEMP. RATING	TEMP CODE	MAX. OPER. TEMP. RATING	TEMP CODE	MAX. OPER. TEMP. RATING	TEMP CODE	MAX. OPER. TEMP. RATING	TEMP. CODE	ExnR, AExnR ² TEMP. CODE			
HIGH PRESSURE SODIUM												
150W	260	T2B	300	T2	450	T1	450	T1	T4			
250W	325 ³	—	450	T1					—	—	—	T3
400W	350 ³	—										450
1000W ⁴	450	T1	—	—	—	—	—	T2				
PULSE START METAL HALIDE												
250W	325 ³	—	450	T1	450	T1	450	T1	—			
400W		—							—			

¹ Lamp temperature data was obtained in 40°C ambient operating conditions.
² Consult factory for elevated ambient capabilities.

³ Represents actual maximum lamp temperature rating.

⁴ To maintain T-Ratings, aiming angle is limited to 35°-135° (Not straight down or straight up).