

Magnuliter® Enclosed/Gasketed

- For use in harsh, hazardous, marine, and corrosive environments such as petrochemical facilities, wastewater and sewage treatment plants, and salt water/corrosive environments
- 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, door frame – Copper-free (<0.4%) aluminum
- Lens – thermal shock, impact resistant
- Trunnion – Hot dipped galvanized steel
- Hardware – HubbellGard® screws
- UL 844 Standard: Class I, Div. 2 Groups A, B, C, D; Class I, Zone 2 Groups IIC, IIB, IIA; AExnR/ ExnR Restricted Breathing
- UL 1598 and UL 1598A Marine Outdoor; NEMA 3, 4X; IP66
- Pulse-rated mogul socket standard



CLASS I DIVISION 2

ORDERING INFORMATION

Catalog Number	Photometry NEMA/IES H° x V°	Lamp Type/Wattage	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	7(144°) x 6(113°)	250w HPS	39 (17.7)	2.3 (0.2)
MVH-0400S-26X ¹	7(144°) x 6(117°)	400w HPS	40 (18.1)	2.3 (0.2)
MVH-1000S-26X ^{1,2}	6(130°) x 6(114°)	1000w HPS	55 (24.9)	2.3 (0.2)
MVH-0250P-26X ¹	7(145°) x 6(114°)	250w PSMH	30 (13.6)	2.3 (0.2)
MVH-0400P-26X ¹	7(146°) x 6(119°)	400w PSMH	32 (14.5)	2.3 (0.2)
Horizontal Lamp				
MVH-0250S-23X ¹	5(73°) x 3(32°)	250w HPS	39 (17.7)	2.3 (0.2)
MVH-0400S-23X ¹	5(73°) x 3(32°)	400w HPS	40 (18.1)	2.3 (0.2)
MVH-0250P-23X ¹	3(45°) x 3(31°)	250w PSMH	30 (13.6)	2.3 (0.2)
MVH-0400P-33X ¹	3(44°) x 3(37°)	400w PSMH	32 (14.5)	2.3 (0.2)

- 1 Replace "X" with voltage, 5-480V; 6-Tri-Tap®(120/277/347V); 8-Quad-Tap®(120/208/240/277V); E-220/240V, 50Hz
 2 1000w units include lamp as standard; HPS lamp is Catalog 1000S52/ED37 from Phillips
 Note: Order mounting accessories separately, See page 509

OPTIONS - Order Separately

Part Number	Description
F(X) ^{1,2,3}	Fusing - single 120/277; double 208/240/480V; fuse included (specify voltage)
L ⁴	Lamp shipped separately
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
 4 1000w units include lamp as standard; HPS lamp is catalog 1000S52/ED37 from Phillips

Hazardous Location Temperature Ratings

Wattage	Vertical Lamp				Horizontal Lamp				Restricted Breathing Option ExnR, AExnR ² Temp. Code	Restricted Breathing Maximum Ambient °C (EA)
	Class I, Division 2 ¹		Class I, Zone 2 ¹		Class I, Division 2 ¹		Class I, Zone 2 ¹			
	Max. Oper. Temp. Rating	Temp. Code	Max. Oper. Temp. Rating	Temp. Code	Max. Oper. Temp. Rating	Temp. Code	Max. Oper. Temp. Rating	Temp. Code		
High Pressure Sodium										
150w	260	T2B	300	T2	450	T1	450	T1	T4	25° C
250w ³	325	—	450	T1	450	T1	450	T1	T3	55° C
400w ³	350	—	450	T1	450	T1	450	T1	T3	55° C
1000w ⁴	450	T1	450	T1	—	—	—	—	T2	40° C
Pulse Start Metal Halide										
250w ³	325	—	450	T1	450	T1	450	T1	T4	25° C
400w ³	325	—	450	T1	450	T1	450	T1	T4	25° C

- 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)