

Mercmaster™ III HID 50–250 Watt Luminaires

50 W, 70 W, 100 W, 150 W HPS

High Reactance, High Power Factor (min. P.F. 90%). Heat-Resistant Prismatic Glass Globe or Closed Prismatic Glass Refractor. Mogul Base Lamps.




Class I, Division 2, Groups A, B, C, D
Class I, Zone 2, AEx nA nR IIC (Z2)
Class I, Zone 2, Ex nR IIC (Z) ¹
Class I, Zone 2, AEx nR IIC (ZB)

Class II, Division 1 and 2, Groups E, F, G
Class III
Simultaneous Exposure (Class I, Division 2/
Class II, Division 1)

Fixtures Outside Type (Salt Water)
Type 4X
IP66

Lighting

LIGHTING: ENCLOSED AND GASKETED – AREA – HID

	Lamp Type	Lamp Watts	Hub Size (Inches)	Catalog Numbers ③④⑤ with Type V 8" Refractor or G3 Globe ⑥	
				with Globe	
Wall – Five Hubs, Four Close-Up Plugs					
	HPS	50	3/4	KPWBL5075	KPWBL5075J5
			1	KPWBL5010	KPWBL5010J5
	HPS	70	3/4	KPWBL7075	KPWBL7075J5
			1	KPWBL7010	KPWBL7010J5
HPS	100	3/4	KPWBL1075	KPWBL1075J5	
		1	KPWBL1010	KPWBL1010J5	
HPS	150	3/4	KPWBL1575	KPWBL1575J5	
		1	KPWBL1510	KPWBL1510J5	
25° Stanchion – One Hub					
	HPS	50	1-1/4	KPSL50125	KPSL50125J5
			1-1/2	KPSL50150	KPSL50150J5
	HPS	70	1-1/4	KPSL70125	KPSL70125J5
			1-1/2	KPSL70150	KPSL70150J5
HPS	100	1-1/4	KPSL10125	KPSL10125J5	
		1-1/2	KPSL10150	KPSL10150J5	
HPS	150	1-1/4	KPSL15125	KPSL15125J5	
		1-1/2	KPSL15150	KPSL15150J5	
90° Stanchion – One Hub					
	HPS	50	1-1/4	KPSTL50125	KPSTL50125J5
			1-1/2	KPSTL50150	KPSTL50150J5
	HPS	70	1-1/4	KPSTL70125	KPSTL70125J5
			1-1/2	KPSTL70150	KPSTL70150J5
HPS	100	1-1/4	KPSTL10125	KPSTL10125J5	
		1-1/2	KPSTL10150	KPSTL10150J5	
HPS	150	1-1/4	KPSTL15125	KPSTL15125J5	
		1-1/2	KPSTL15150	KPSTL15150J5	

- ① For Flexible Pendant Mount, change **A** to **F** in catalog number (except 50 W HPS).
- ② To order fixtures with large globe change **J5** to **G3**; for fixture with NEMA Type I or NEMA Type III refractor, change final digit **5** in catalog number to **1** or **3**.
- ③ Add the following voltage and frequency designation before **Z2** suffix:

Lamp Type	Lamp Watts	Voltage Suffixes												
		MT	5MT	48	125	225	226	235	245	C2 ¹	C3 ¹	C6 ¹	C7 ¹	TT ¹
HPS	50	X	—	—	—	X	X	—	X	—	—	—	—	X
HPS	70	X	—	X	X	X	X	—	X	—	—	—	—	X
HPS	100	X	—	X	X	X	X	—	X	—	—	X	X	X
HPS	150	X	—	X	X	X	X	—	X	—	—	X	X	X
PSMH	70	X	—	X	X	X	—	—	X	—	—	—	—	X
PSMH	100	X	—	X	X	X	—	—	X	—	—	—	—	X
PSMH	150	X	—	X	X	X	—	—	X	—	—	—	—	X
PSMH	175	X	X	X	—	—	—	—	—	—	—	—	—	X
PSMH	200	X	—	X	—	—	—	—	—	—	—	—	—	X
PSMH	250	X	—	—	—	—	—	—	—	—	—	—	—	X
MH ¹	175	X	—	—	X	X	—	—	X	X	X	X	X	X
MH ¹	250	X	—	—	X	X	—	—	X	X	X	X	X	X

Voltages: 125 - 120 V 50 Hz 245 - 240 V 50 Hz
 MT - 120/208/240/277 V 60 Hz C2 - 208 V 60 Hz, CWI ¹
 5MT - 120/208/240/277/480 V 60 Hz 226 - 220 V 60 Hz C3 - 240 V 60 Hz, CWI ¹ C7 - 600 V 60 Hz, CWI ¹
 48 - 480 V 60 Hz 235 - 230 V 50 Hz C6 - 480 V 60 Hz, CWI ¹ TT - 120/277/347 V 60 Hz, CWA ¹

- ④ Add **-Z2** suffix for factory sealed non-sparking/restricted breathing protection (AEx nA nR). Add **-ZB** suffix for restricted breathing protection (AEx nR).
- ⑤ For fixtures with guards, add letter **G** before adding voltage designation.
- ¹ CSA Certification only.