

# Mercmaster™ III HID 50–250 Watt




70 W, 100 W, 150 W, 175 W, 200 W, 250 W PSMH

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) <sup>1</sup>  
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

Lamp Type	Lamp Watts	Hub Size (Inches)	Catalog Numbers ④④④		
			with Globe	with Type V 8" Refractor ②	
<b>Pendant – One Hub, Rigid Mounting ①</b>					
	PSMH	70	3/4 1	KPAH7075 KPAH7010	KPAH7075J5 KPAH7010J5
	PSMH	100	3/4 1	KPAH1075 KPAH1010	KPAH1075J5 KPAH1010J5
	PSMH	150	3/4 1	KPAP1575 KPAP1510	KPAP1575J5 KPAP1510J5
	PSMH	175	3/4 1	KPAP1775 KPAP1710	KPAP1775J5 KPAP1710J5
	PSMH	200	3/4 1	KPAP2075 KPAP2010	KPAP2075J5 KPAP2010J5
	PSMH	250 ⑥	3/4 1	KPAP2575 KPAP2510	KPAP2575J5 KPAP2510J5
<b>Pendant Cone – One Hub, Rigid Mounting</b>					
	PSMH	70	3/4 1	KPCHH7075 KPCHH7010	KPCHH7075J5 KPCHH7010J5
	PSMH	100	3/4 1	KPCHH1075 KPCHH1010	KPCHH1075J5 KPCHH1010J5
	PSMH	150	3/4 1	KPCHP1575 KPCHP1510	KPCHP1575J5 KPCHP1510J5
	PSMH	175	3/4 1	KPCHP1775 KPCHP1710	KPCHP1775J5 KPCHP1710J5
	PSMH	200	3/4 1	KPCHP2075 KPCHP2010	KPCHP2075J5 KPCHP2010J5
	PSMH	250 ⑥	3/4 1	KPCHP2575 KPCHP2510	KPCHP2575J5 KPCHP2510J5
<b>Ceiling – Five Hubs, Four Close-Up Plugs</b>					
	PSMH	70	3/4 1	KPCH7075 KPCH7010	KPCH7075J5 KPCH7010J5
	PSMH	100	3/4 1	KPCH1075 KPCH1010	KPCH1075J5 KPCH1010J5
	PSMH	150	3/4 1	KPCP1575 KPCP1510	KPCP1575J5 KPCP1510J5
	PSMH	175	3/4 1	KPCP1775 KPCP1710	KPCP1775J5 KPCP1710J5
	PSMH	200	3/4 1	KPCP2075 KPCP2010	KPCP2075J5 KPCP2010J5
	PSMH	250 ⑥	3/4 1	KPCP2575 KPCP2510	KPCP2575J5 KPCP2510J5

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 <sup>1</sup>	C3 <sup>1</sup>	C6 <sup>1</sup>	C7 <sup>1</sup>	TT <sup>1</sup>
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 <sup>1</sup>	175	X	—	—	X	X	—	—	X	X	X	X	X	X
MH <sup>1</sup>	250	X	—	—	X	X	—	—	X	X	X	X	X	X

Voltagess:

MT - 120/208/240/277 V 60 Hz

5MT - 120/208/240/277/480 V 60 Hz

48 - 480 V 60 Hz

125 - 120 V 50 Hz

225 - 225 V 50 Hz

226 - 220 V 60 Hz

235 - 230 V 50 Hz

245 - 240 V 50 Hz

C2 - 208 V 60 Hz, CWI <sup>1</sup>

C3 - 240 V 60 Hz, CWI <sup>1</sup>

C6 - 480 V 60 Hz, CWI <sup>1</sup>

C7 - 600 V 60 Hz, CWI <sup>1</sup>

TT - 120/277/347 V 60 Hz, CWA <sup>1</sup>

<sup>1</sup> CSA Certification only.