

Mercmaster™ III HID 50–250 Watt Luminaires

High Pressure Sodium and Pulse Start Metal Halide

Listed for simultaneous exposure to combustible dusts and flammable gases or vapors.

NEC/CEC:

Class I, Division 2, Groups A, B, C, D
 Class I, Zone 2, AEx nA nR IIC (Z2)
 Class I, Zone 2, AEx nR IIC (ZB)
 Class II, Division 1 and 2, Groups E, F, G
 Class III

NEC/CEC:

Simultaneous Exposure (Class I, Division 2/
 Class II, Division 1)
 Fixtures Outside Type (Salt Water)
 Type 4X
 IP66

Ballast Bodies



Ballast Body for Glass Globe (shown)

High Pressure Sodium
 High Power Factor (Min. P.F. 90%)



Ballast Body for Glass Refractor or G3 Globe (shown)

Pulse Start Metal Halide
 Super Constant Wattage Autotransformer (Min. P.F. 90%)

Lamp Type	Lamp Watts	Catalog Number ②④⑤		Voltage Suffixes									
		For Globe	For G3 Globe ①/ Refractor	MT	5MT	48	125	225	226	235	236	245	246
HPS	50 ③	KPB50L	KPBR50L	X	—	—	—	X	X	—	X	X	X
HPS	70 ③	KPB70L	KPBR70L	X	—	X	X	X	X	—	X	X	X
HPS	100 ③	KPB100L	KPBR100L	X	—	X	X	X	X	—	X	X	X
HPS	150 ③	KPB150L	KPBR150L	X	—	X	X	X	X	—	—	X	—
PSMH	70	KPB70H	KPBR70H	X	—	X	X	X	—	—	—	X	—
PSMH	100	KPB100H	KPBR100H	X	—	X	X	X	—	—	—	X	—
PSMH	150	KPB150P	KPBR150P	X	—	X	X	X	—	—	—	X	—
PSMH	175	KPB175P	KPBR175P	X	X	X	—	—	—	—	—	—	—
PSMH	200	KPB200P	KPBR200P	X	—	X	—	—	—	—	—	—	X
PSMH ⑥	250	KPBG250P	KPBR250P	X	—	—	—	—	—	—	X	—	—

Voltages:

- 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
- 236** - 240 V 50 Hz
- 245** - 240 V 50 Hz
- 246** - 240 V 60 Hz

① For HPS version fixtures only.
 ② After voltage suffix add: **-S** for Smart Starter.
 ③ After voltage suffix add: **-R** for ballast body with Hot Restrike Ignitor.
 ④ Add **-E** after voltage suffix for ballast body with provision for Quartz Emergency Light. Not suitable for hazardous locations.
 ⑤ Add **Z2** suffix for factory sealed non-sparking/restricted breathing protection (AEx nA nR). Add **ZB** suffix for restricted breathing protection (AEx nR).
 ⑥ MT ballast bodies are not UL Listed for 250W PSMH version fixtures only.