

# Mercmaster™ III HID 50–250 Watt Luminaire Ballast Bodies

## High Pressure Sodium and Pulse Start Metal Halide

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

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>/<sub>2</sub>  
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

### 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 ②④⑤⑥		Voltage Suffixes												
		For Globe	For G3 Globe ①/ Refractor	MT	5MT	48	125	225	226	235	245	C2 <sup>1</sup> / <sub>2</sub>	C3 <sup>1</sup> / <sub>2</sub>	C6 <sup>1</sup> / <sub>2</sub>	C7 <sup>1</sup> / <sub>2</sub>	TT <sup>1</sup> / <sub>2</sub>
HPS	50 ②	KPB50L	KPBR50L	X	—	—	—	X	X	—	X	—	—	—	—	X
HPS	70 ②	KPB70L	KPBR70L	X	—	X	X	X	X	—	X	—	—	—	—	X
HPS	100 ②	KPB100L	KPBR100L	X	—	X	X	X	X	—	X	—	—	X	X	X
HPS	150 ②	KPB150L	KPBR150L	X	—	X	X	X	X	—	X	—	—	X	X	X
PSMH	70	KPB70H	KPBR70H	X	—	X	X	X	—	—	X	—	—	—	—	X
PSMH	100	KPB100H	KPBR100H	X	—	X	X	X	—	—	X	—	—	—	—	X
PSMH	150	KPB150P	KPBR150P	X	—	X	X	X	—	—	X	—	—	—	—	X
PSMH	175	KPB175P	KPBR175P	X	X	X	—	—	—	—	—	—	—	—	—	X
PSMH	200	KPB200P	KPBR200P	X	—	X	—	—	—	—	—	—	—	—	—	X
PSMH	250	KPBG250P	KPBR250P	X	—	—	—	—	—	—	—	—	—	—	—	X
MH <sup>1</sup> / <sub>2</sub>	175	KPB175H	KPBR175H	X	—	—	X	X	—	—	X	X	X	X	X	X
MH <sup>1</sup> / <sub>2</sub>	250	KPB250H	KPBR250H	X	—	—	X	X	—	—	X	X	X	X	X	X

Voltages:

**LB** - Incandescent, 120 V 60 Hz

**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>/<sub>2</sub>

**C3** - 240 V 60 Hz, CWI <sup>1</sup>/<sub>2</sub>

**C6** - 480 V 60 Hz, CWI <sup>1</sup>/<sub>2</sub>

**C7** - 600 V 60 Hz, CWI <sup>1</sup>/<sub>2</sub>,

**TT** - 120/277/347 V 60 Hz, CWA <sup>1</sup>/<sub>2</sub>

① For HPS version fixtures only.

② After voltage suffix add: **-S** for Smart Starter.

③ After voltage suffix add: **-SR** for Smart Hot Restrike, **-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 Add **Z** for factory sealed restricted breathing protection (Ex nR) <sup>1</sup>/<sub>2</sub>.

<sup>1</sup>/<sub>2</sub> CSA Certification only.