

# Mercmaster™ III Low Profile 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 Refractor**

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



**Ballast Body for Glass Globe or Polymeric Refractor**

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

Lamp Type	Lamp Watts	Catalog Number ④		Voltage Suffixes											
		For Globe	For Refractor	LB	MT	5MT	48	125	225	226	235	236	245	246	
Inc.	150 Max.	<b>MLBG15I</b>	<b>MLBR15I</b>	X	—	—	—	—	—	—	—	—	—	—	—
HPS	50	<b>MLBG50L</b> ①②	<b>MLBR50L</b> ①②	—	X	—	—	—	X	X	—	—	X	—	
HPS	70	<b>MLBG70L</b> ①②	<b>MLBR70L</b> ①②	—	X	—	X	X	X	X	—	X	X	X	
HPS	100	<b>MLBG10L</b> ①②	<b>MLBR10L</b> ①②	—	X	—	X	X	X	X	—	X	X	X	
HPS	150	<b>MLBG15L</b> ①②	<b>MLBR15L</b> ①②	—	X	—	X	X	X	X	—	X	X	X	
PSMH	50	<b>MLBG50H</b> ②③	<b>MLBR50H</b> ②③	—	X	—	X	—	—	—	—	—	—	—	
PSMH	70	<b>MLBG70H</b> ②③	<b>MLBR70H</b> ②③	—	X	—	X	X	X	—	—	—	X	—	
PSMH	100	<b>MLBG10H</b> ②③	<b>MLBR10H</b> ②③	—	X	—	X	X	X	—	—	—	X	—	
PSMH	150	<b>MLBG15P</b> ②③	<b>MLBR15P</b> ②③	—	X	—	X	—	—	—	—	—	X	—	
PSMH	175	<b>MLBG17P</b> ②③	<b>MLBR17P</b> ②③	—	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
- 236** - 230 V 60 Hz
- 245** - 240 V 50 Hz
- 246** - 240 V 60 Hz

① After voltage suffix add: **-S** for Smart Starter, **-R** for ballast body with Hot Restrike Ignitor.  
 ② Add **-E** after voltage suffix for ballast body with provision for Quartz Emergency Light. Not suitable for hazardous locations.  
 ③ After voltage suffix add: **-S** for Smart Starter.  
 ④ Add **-Z2** suffix for factory sealed non-sparking/restricted breathing protection (AEx nA nR). Add **-ZB** suffix for restricted breathing protection (AEx nR).