



# High Output, Horizontal Operating, Metal Halide **EYE Multi-Metal™ M1500BSX/HOR60**



**High lumen output** in a horizontal operating position increases light levels on the field, or maintains the same brightness with fewer fixtures.

**HOR +60°** operating position covers a wide range of sports' lighting applications.

**Operates on standard M48 system**

**Reliable long-life, high lumens and color stability** as a result of EYE's unique Metal Halide lamp technology and commitment to quality.

**EYE's superior base** features nickel plated threads, is lead-free, with a ceramic insulator and robust eyelet.

**All lamps are operated & inspected** before leaving the factory, maximizing performance and reliability.



## APPLICATIONS

- Sports Fields
- Stadiums
- Arenas
- Convention Centers



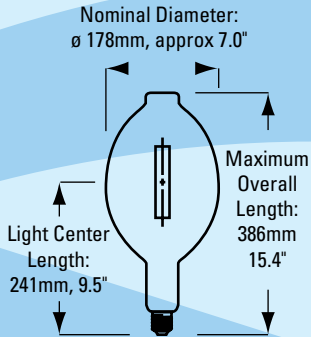
ISO 9001:2000 Certified



**EYE LIGHTING INTERNATIONAL  
OF NORTH AMERICA, INC.**  
A SUBSIDIARY OF IWASAKI ELECTRIC CO., LTD.



# High Output, Horizontal Operating, Metal Halide **EYE Multi-Metal™ M1500BSX/HOR60**



<b>Product Code</b>	54025
<b>Product Description</b>	M1500BSX/HOR60
<b>ANSI Code</b>	M48/E

## Performance Data

Initial lumens at rated watts after 100 hours operation	180000	lm
Mean lumens at 10 hours/start	153000	lm
Rated average life	3000	h
Warm up time, maximum	4	min
Correlated color temperature	4000	K
CIE chromaticity	0.380, 0.382	x, y
Color rendering index (CRI)	65	
Operating position	Horizontal $\pm 60^\circ$	
Time to hot re-start, maximum	15	min

## Electrical Characteristics

Nominal lamp wattage	1500	W
Nominal lamp voltage	268	V
Nominal lamp current	6.2	Arms
Maximum current crest factor	1.8	-
Maximum starting current	9	Arms
Minimum starting current	6.2	Arms
Ballast requirements	Use with ballast rated for ANSI M48 lamp	
Open circuit voltage (CWA)	530	Vrms
-30°C (-22°F)	750	Vpeak
Pulse requirements	None	
Lamp holder voltage rating	600	V

## Physical Description

Maximum overall length	386 (15.375)	mm (in)
Light center length	241 (9.484)	mm (in)
Bulb diameter	178 (7.0)	mm (in)
Maximum base - bulb eccentricity	3	Degrees
Maximum base temperature	210 (410)	°C (°F)
Maximum bulb temperature	400 (752)	°C (°F)
Bulb designation	BT56	
Bulb material	Borosilicate (Hard Glass)	
Arc tube material	Quartz	
Effective arc length	102 (4.016)	mm (in)
Bulb finish	Clear	
Base designation	E39 Mogul	

## Fixture Requirement

E Rated – Enclosed fixture required

ISO 9001:2000 Certified



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EQS-N-52-84-00033