



**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, ISO 14001:2004 Certified, OHSAS 18001:2007 Certified, ISO 17025:2005 Accredited



**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

Product Code	54025
Product Description	M1500BSX/HOR60
ANSI Code	M48/E

Performance Data

Initial lumens at rated watts after 100 hours operation	180000	lm
Mean lumens at 5 hours/start	144000	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

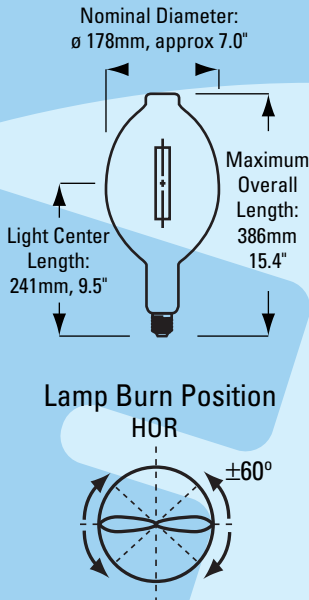
Nominal lamp wattage	1500	W
Nominal lamp voltage	268	V
Nominal lamp current	6.2	Arms
Maximum current crest factor	1.8	-
Maximum starting current	9	Arms
Minimum starting current	6.2	Arms
Ballast requirements	Use with ballast rated for ANSI M48 lamp	
Open circuit voltage (CWA)	530	Vrms
-30°C (-22°F)	750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



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A SUBSIDIARY OF IWASAKI ELECTRIC CO., LTD.

Address: 9150 Hendricks Rd., Mentor, Ohio 44060

Phone: 888-665-2677

Fax: 800-811-7395

e-mail: sales@eyelighting.com

Phone: (440) 350-7000

Fax: (440) 350-7001

www.eyelighting.com