



# Energy Saving High Output Metal Halide EYE MULTI-METAL

## Ignitek™



**Save \$80 per socket in energy costs** with the EYE 360-Watt Ignitek™ lamp that operates on a standard 400-Watt ballast. Ignitek™ 360-Watt has 29% higher maintained lumens than that of the standard 400-Watt universal metal halide lamp.

**50% more maintained lumens** than a conventional universal metal halide lamp operating on a standard CWA ballast.

**Substantially reduced metal halide maintenance costs** by extending the relamp cycle due to Ignitek's™ extraordinary maintained lumen performance resulting in longer usable lamp life.

**Operates on existing metal halide systems.**

Ignitek™ is a direct replacement for current metal halide lamps. No installation of special ballasts nor ignitor due to the patented and time tested FEC ignitor contained inside the lamp.

**New, patent pending design** allows for completely lead free lamp.

### APPLICATIONS

- Retail big box stores
- Sport facilities
- Industrial high and low bay
- Warehouses
- Parking lots
- Auto sales lots



- EYE patented Ferro-Electric Capacitor (FEC)
- The FEC generates a starting pulse to gently ignite the Ignitek™ lamp
- The FEC is the first (and only) high temperature, ceramic starting device capable of operating inside High Intensity Discharge lamps where temperatures approach 600°F during operation



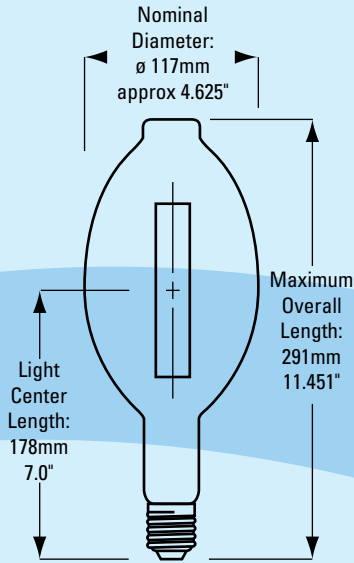
FEC  
Technology

ISO 9001:2000 Certified, ISO 14001:2004 Certified, OHSAS 18001: 1999 Certified, ISO 17025: 2005 Accredited



**EYE LIGHTING INTERNATIONAL  
OF NORTH AMERICA, INC.**

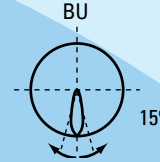
A SUBSIDIARY OF IWASAKI ELECTRIC CO., LTD.



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# Ignitek™

Lamp Burn Positor

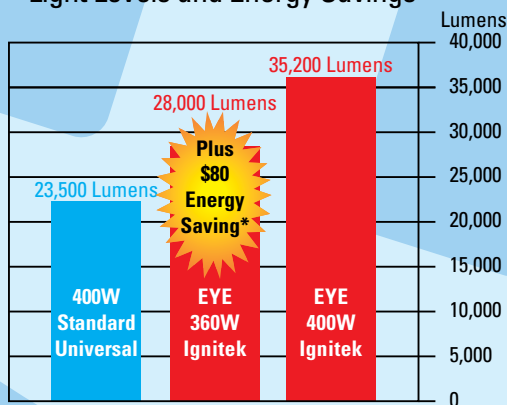


Watts	Bulb	Base	Product Code	Product Description	ANSI Code	Case Qty.	Initial Lumens	Mean Lumens	Average Life Hours	Color Temp. (K)	CRI	Fix. Req.	Burn Pos.
<b>Energy Saving High Output</b>													
360 <sup>2</sup>	BT37 Clear	Mog(E39)	52527	M360SX/BU/I	M59/M165	12	35000	28000	30000 <sup>1</sup> /20000	4000	65	S	BU
360 <sup>2</sup>	BT37 Coated	Mog(E39)	52520	MF360SX/BU/I	M59/M165	12	33200	26560	30000 <sup>1</sup> /20000	3700	70	S	BU
360 <sup>2</sup>	BT37 Clear	Mog(EX39)	52712	MP360SX/BU/I	M59/M165	12	33200	26560	30000 <sup>1</sup> /20000	3600	65	O	BU
<b>High Output</b>													
400	BT37 Clear	Mog(E39)	52529	M400SX/BU/I	M59	12	44000	35200	30000 <sup>1</sup> /20000	4000	65	S	BU
400	BT37 Coated	Mog(E39)	52525	MF400SX/BU/I	M59	12	41800	33400	30000 <sup>1</sup> /20000	3700	70	S	BU
400	BT37 Clear	Mog(EX39)	57974	MP400SX/BU/I	M59	12	41800	33400	30000 <sup>1</sup> /20000	3600	65	O	BU

<sup>1</sup> Rated average life at 120 hours per start <sup>2</sup> Nominal lamp watts may differ by up to 5% for some ballast models

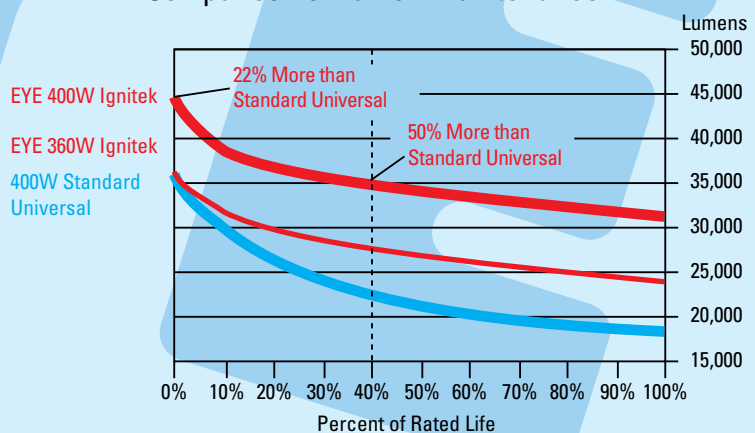
**Fixture Requirements:** S=Open fixture if the operating position is base up or down ±15° O=Open fixture permissible.

### Light Levels and Energy Savings



\*Based on \$0.10/kWh, base up operation.

### Comparison of Lumen Maintenance



**WARNING:** Metal halide lamps can cause serious skin burn and eye inflammation from shortwave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available.

This lamp complies with U.S. Federal Standard 21 CFR 1040.30

ISO 9001:2000 Certified, ISO 14001:2004 Certified, OHSAS 18001:1999 Certified, ISO 17025:2005 Accredited



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