



Shatterproof Metal Halide



Polytetrafluoroethylene (PTFE) coating on outer jacket

- A special coating on outer jacket prevents the glass from shattering if the outer bulb is broken
- Reduces the possibility of glass shards causing injury, or contamination in the illuminated area

Operates on existing metal halide systems

- Shatterproof EYE Multi-Metal™ and Shatterproof EYE Metal Ignitek™ are direct replacements for current metal halide lamps
- No additional investment is needed

High maintained lumens

- Lumen maintenance is not affected by the bulb coating; the illuminated space remains bright through lamp life
- Minimal impact to initial lumens

Fixture rating

- Protected Ignitek™ 360W is ANSI O-rated, allowing use in open fixtures

World class color consistency

- Lamp to lamp color consistency is warranted



U.S. FDA Food Code:

**Functionality
6-202.11 Light Bulbs,
Protective Shielding.**

(Excerpt)

“Light bulbs shall be shielded, coated, or otherwise shatter-resistant in areas where there is exposed food.”

APPLICATIONS

- Food Processing Plants
- Food Warehouses
- Grocery Stores
- Restaurants
- Retail Stores
- Sports Facilities

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

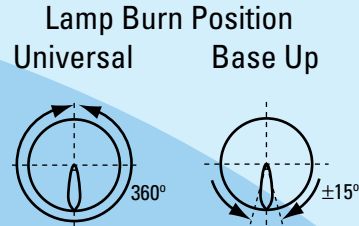
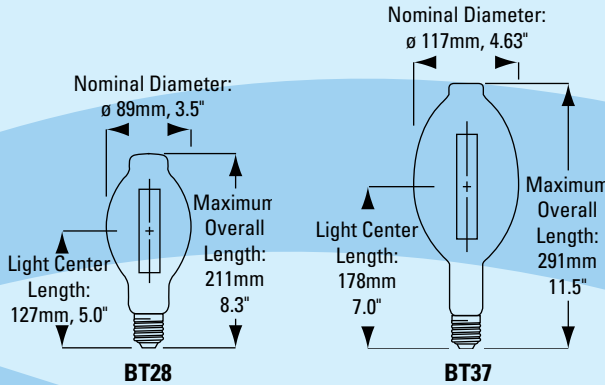


**EYE LIGHTING INTERNATIONAL
OF NORTH AMERICA, INC.**

A SUBSIDIARY OF IWASAKI ELECTRIC CO., LTD.



Shatterproof Metal Halide



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.
Shatterproof EYE Multi-Metal™ Premium Universal Mogul Base													
250	BT28	Mog	50232	M250X/U/SP	M58/E	12	20000V 18200H	15800V 14400H	10000V 6000H	4200	65	E	U
400	BT37	Mog	50284	M400X/U/SP	M59/S	12	36500V 32500H	28500V 25300H	20000V 15000H	4200	65	S	U
Shatterproof EYE Multi-Metal™ Ignitek™													
360 ²	BT37	Mog	52491	M360SX/BU/I/SP (\$\$)	M59/S M165/S	12	32000	25600	30000 ¹ 20000	4000	65	S	BU
360 ²	BT37	Mog (EX39)	52507	MP360SX/BU/I/SP (\$\$)	M59/O M165/O	12	30600	24500	30000 ¹ 20000	3600	65	O	BU

1. Rated Avg. life @ 120 hrs. per start
 2. Nominal lamp watts may differ by 5% for some ballast models
- (\$\$) Energy saving products

Fixture Requirements: S=Open fixture if the operating position is base up or down $\pm 15^\circ$ O=Open fixture permissible E=Enclosed fixture

Remarks: 1) PTFE coating on a EYE Shatterproof lamp is guaranteed not to melt and will withstand bulb wall temperatures up to 500° F. 2) Except under the foregoing conditions, due to variable conditions and fixture design, EYE lighting does not warrant or otherwise guarantee PTFE coating on the lamps for the rated life of the lamp. 3) The coating is not designed to contain an arc tube rupture. 4) Under certain conditions, including lamp drop from more than 3 feet height, glass fragments may escape the coating. 5) On rare occasion, usually at the end of life, an arc tube can rupture and shatter the outer glass and coating. This is possible with all non-shrouded lamps.

WARNING: This lamp 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.

APPLICATIONS



Food Warehouses/Factories



Restaurants/Hallways



Retail Stores



Gymnasiums

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



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