



High Pressure Sodium with Internal Ignitor

Ignitron™ EN Ignitron™ EN/ES

Reduces maintenance cost

- EYE patented FEC eliminates ignitor replacement and maintenance labor costs, and FEC protects fixture components from high voltage pulsing at the end of lamp life
- 30,000 hour average rated life on most wattages
- Long life performance backed up by a manufacturer's limited warranty... up to 3-years
- Environmentally friendly in that Ignitron lamps pass EPA, TCLP test criteria as nonhazardous waste
 - Lead free
 - Low Mercury content
- Nickel-plated base will not seize in the socket eliminating additional labor and spare parts associated with prying a lamp base out of a fixture socket

NEW!

Complete product line

includes Energy Saving and High Performance lamps

- Ignitron EN (built-in ignitor)
- Ignitron EN/ES (energy saver with built-in ignitor) saves up to \$96 per fixture

APPLICATIONS

- Street/highway lighting
- Warehouses/industrial
- Parking areas
- Security



- EYE patented Ferro-Electric Capacitor (FEC)
- The FEC generates a starting pulse to gently ignite the Ignitron 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

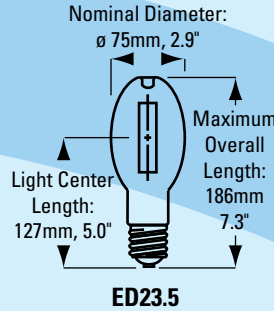
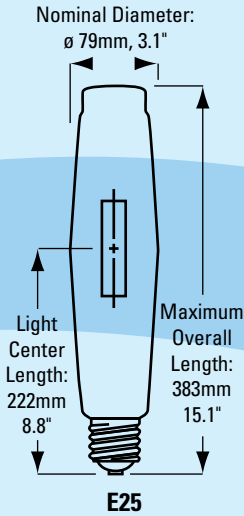
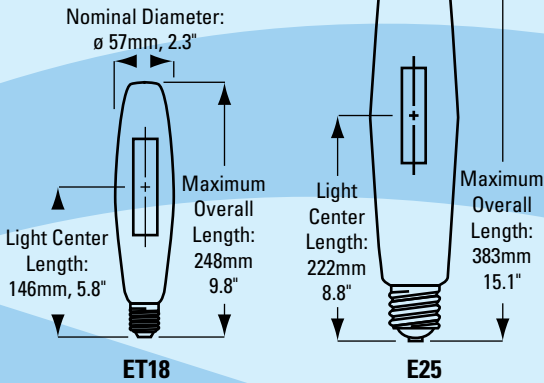


**EYE LIGHTING INTERNATIONAL
OF NORTH AMERICA, INC.**
A SUBSIDIARY OF IWASAKI ELECTRIC CO., LTD.

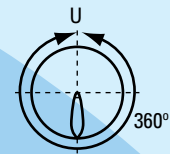


High Pressure Sodium with Internal Ignitor

Ignitron™ EN Ignitron™ EN/ES



Operating Burn Position
Universal



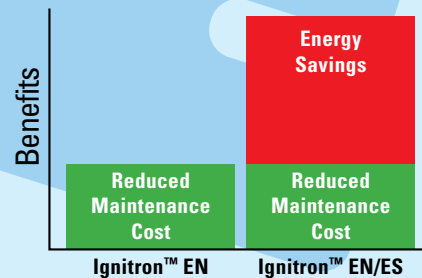
Watts	Bulb	Base	Product Code	Product Description	ANSI Code	Case Qty.	Initial Lumens	Mean Lumens	Average Life Hours	Color Temp. (K)	CRI
Ignitron EN (Environmentally Friendly)											
50	ED23.5 Clear	Mog	59674	LU50/I/EN	S68	12	4000	3600	28500	1900	17
70	ED23.5 Clear	Mog	59685	LU70/I/EN	S62	12	6000	5400	30000	1900	17
100	ED23.5 Clear	Mog	59696	LU100/I/EN	S54	12	9500	8550	30000	1900	17
150	ED23.5 Clear	Mog	59707	LU150/55/I/EN	S55	12	16000	14400	30000	1900	17
200	ET18 Clear	Mog	59914	LU200/I/EN	S66	12	22000	19800	30000	2100	25
250	ET18 Clear	Mog	60012	LU250/I/EN	S50	12	28500	25600	30000	2100	25
310	ET18 Clear	Mog	60050	LU310/I/EN	S67	12	37000	33000	30000	2100	22
400	ET18 Clear	Mog	60110	LU400/I/EN	S51	12	50000	45000	30000	2100	25
1000	ET25 Clear	Mog	59718	LU1000B/I/EN	S52	6	140000	126000	24000	2100	25
Ignitron EN/ES (Environmentally Friendly/Energy Saving)											
225	ET18 Clear	Mog	59919	LU225/I/EN	S50	12	27000	24300	24000	2100	15
360	ET18 Clear	Mog	60105	LU360/I/EN	S51	12	47000	42300	24000	2100	15

NOTE: External ignitor must be eliminated before installing the EYE Ignitron EN lamp.

WARNINGS:

1. EYE IGNITRON are high pressure sodium lamps that operate on a standard high pressure sodium lamp ballast without an external ignitor. Compatible with ballast for the ANSI lamp code shown. Lamps do not require an external starting pulse.
2. Disconnect the external ignitor in the operating circuit.
3. For remote applications, the cable from the lamp to the ballast should be limited to 15m (50 feet) maximum length for lamps less than 150W and up to 25m (80 feet) for all lamps rated 200W and above, because of reduction of pulse volts.

For other warnings and operating instructions please see the IWASAKI Lighting Product Catalog.



**Contact EYE Lighting
for your customized
cost benefit analysis.**

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



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