HIGH PRESSURE
SODIUM LAMPS
Ignitron™ EN
High pressure sodium with internal ignitor
Reduces maintenance costs

- EYE patented FEC eliminates ignitor replacement and maintenance labour costs, and protects fixture components from high voltage pulsing at the end of lamp life
- 35 000 hours 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 non-hazardous waste
  - Lead free base
  - Low mercury content
- Nickel-plated base will not seize in the socket eliminating additional labour and spare parts associated with prying a lamp base out of a fixture socket

FEC Technology
- 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 (315 °C) during operation

Applications
- Street/highway lighting
- Warehouse lighting
- Parking areas
- Security
## Ignitron™ EN

### Dimensions
- **Dia:** ø 57 mm 2.24”
- **Dia:** ø 75 mm 2.95”
- **Dia:** ø 79 mm 3.11”
- **MOL:** 383 mm 15.08”
- **MOL:** 248 mm 9.76”
- **MOL:** 186 mm 7.32”
- **LCL:** 127 mm 5”
- **LCL:** 146 mm 5.75”
- **LCL:** 122 mm 4.77”
- **LCL:** 222 mm 8.74”

### Table: Specifications

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<th>Order Code</th>
<th>Description</th>
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<th>Shape</th>
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<th>CRI</th>
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### Notes:
- External ignitor must be removed before installing the EYE Ignitron EN lamp. See instructions for disabling UL classified starter/igniter and luminaire conversion for Ignitron lamps on our web site (www.standardpro.com) in the literature section.

### Warning:
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 15 m (50 feet) maximum length for lamps less than 150 W and up to 25 m (80 feet) for all lamps rated 200 W and above, because of reduction of pulse volt.
For other warnings and operating instructions please see the EYE Lighting Product Catalog.
Sunlux® EN
Sunlux®

• Medium and mogul base lamps in a wide range of wattages
• Nickel-plated base will not seize in the socket
• Constructed with EYE specified, critical to performance arc tube materials (PCA-ceramic tube, frit sealing glass, electrode emitter)
• Sunlux EN lamps pass the EPA TCLP test criteria as non-hazardous waste
  - Lead free base
  - Low mercury content

Long life performance
All EYE high pressure sodium lamps are designed and manufactured to EYE quality specifications to ensure long life performance (up to 24 000+ hours rated life).

Applications
• Roadway/streets
• Parking lots
• Industrial
• Warehouses
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**WARNING**: For warnings and operating instructions please see the EYE Lighting product catalog. All information subject to change without notice.
Sunlux® Ultra Ace™ EN
Power Ace™ EN
Sunlux Super Ace®

Convert from mercury or metal halide to high pressure sodium

- Energy savings up to 25% reduction in electrical power usage and $240 energy savings per pole
- Superior light performance, with up to 80% more lumens
- Environmentally friendly in that lamps pass EPA, TCLP test criteria as non-hazardous waste
  - Lead free base
  - Low mercury content
- Nickel-plated base will not seize in the socket eliminating additional labour and spare parts cost associated with prying a lamp base out of a fixture socket
- Simple retrofit by removing the mercury or metal halide lamp, and screw in the EYE lamp

FEC Technology

- EYE patented Ferro-Electric Capacitor (FEC)
- The FEC generates a starting pulse to gently ignite the 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 (315 °C) during operation

Applications

- Street/highway lighting
- Warehouse/manufacturing
- Parking areas
- Security
- Specialty applications
### Sunlux Ultra Ace EN

**Power Ace EN**

**Sunlux Super Ace®**

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**Sunlux Super Ace (Reflector type)**

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**NOTES:**
1. Ballast compatibility: lamps are compatible with all single lamp mercury and metal halide ballasts.
2. Operate lamps only with ballasts of proper ANSI spec number and in good working condition. Failure to do so may result in poor lamp performance or damage to the lamp.
3. Energy savings calculated at $0.10/kWh over lamp life.
   *H33 rated only CWA with 280 V capacitor*