



TECHNICAL BULLETIN HIGH PRESSURE SODIUM LAMP

Sunlux Ultra Ace™ EN NH150CE/EN

ANSI Code: Use with ballast rated for ANSI M57 / H39 lamp

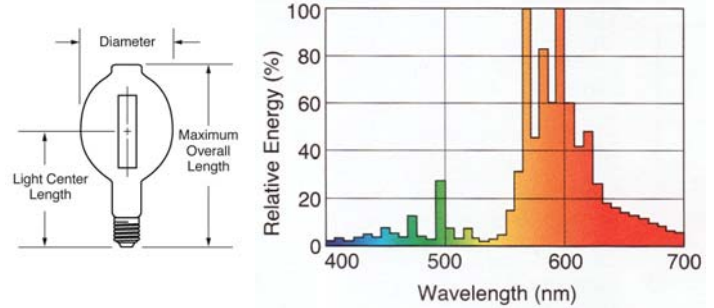
Product Code: 62345

Features:

- Converts Mercury / Metal Halide to HPS by simply changing the lamp
- Twice the light output of Mercury lamps
- EPA TCLP compliant for non-hazardous waste
- Lead Free
- FEC protects lighting system components from continuous high voltage pulsing at the end of lamp life

PERFORMANCE DATA

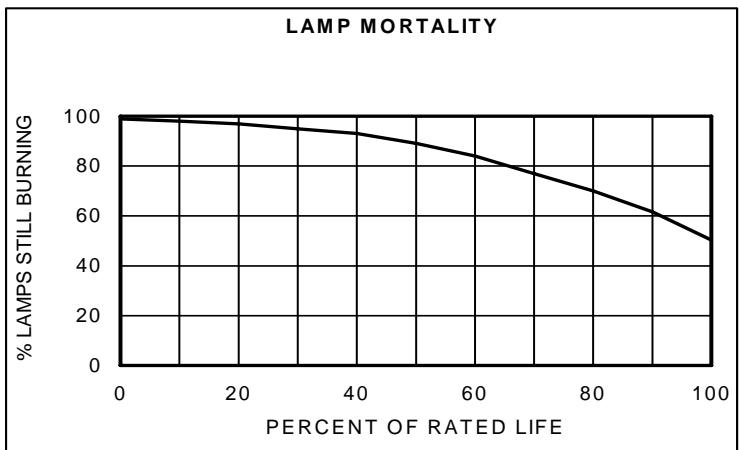
| | | |
|---|--------------|------|
| Initial lumens at rated watts after 100 hours operation | 15000 | lm |
| Mean lumens at 10 hours/start | 13500 | lm |
| Rated average life | 24000 | h |
| Warm up time (90% lumens) | 5 | min |
| Correlated color temperature | 1900 | K |
| CIE chromaticity | 0.532, 0.422 | x, y |
| Color rendering index | 25 | |
| Operating Position | Universal | |
| Time to hot re-start | 15 max | min |



ELECTRICAL CHARACTERISTICS

| | | |
|-----------------------------|-----|-------------------|
| Nominal lamp wattage | 150 | W |
| Nominal lamp voltage | 130 | V |
| Nominal lamp current | 1.5 | Arms |
| Current crest factor | 1.8 | |
| Max. starting current | 2.5 | Arms |
| Ballast requirements | | |
| Min. rms starting voltage | 198 | V _{rms} |
| Min. peak starting voltage | 280 | V _{peak} |
| Lamp holder rating | 2 | kV |

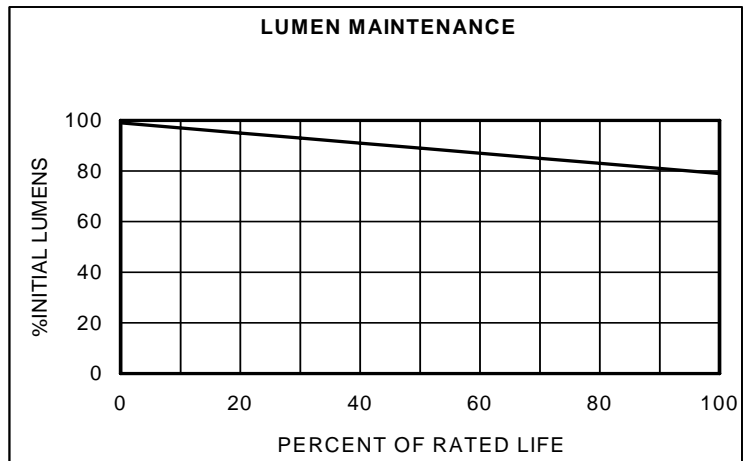
LAMP MORTALITY



PHYSICAL DESCRIPTION

| | | |
|---------------------------------|-------------|---------|
| Maximum overall length | 211 (8.312) | mm (in) |
| Light center length | 127 (5.0) | mm (in) |
| Bulb diameter | 89 (3.50) | mm (in) |
| Base to bulb eccentricity (max) | 3 | deg |
| Maximum base temperature | 210 (410) | °C (°F) |
| Maximum bulb temperature | 400 (752) | °C (°F) |
| Bulb designation | BT28 | |
| Bulb material | Hard Glass | |
| Arc tube material | Alumina | |
| Bulb finish | Clear | |
| Base designation | E39 Mogul | |
| EPA TCLP Compliant / Lead Free | Yes | |

LUMEN MAINTENANCE



ISO 9001:2000 Certified



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

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⚠ WARNING

RISK OF ELECTRIC SHOCK:

- Turn power off before inspection, installation or removal.
- Protect lamp from direct contact with liquids to avoid breakage from thermal shock.

RISK OF FIRE:

- Keep combustible materials away from lamp during operation.

UNEXPECTED LAMP RUPTURE MAY CAUSE INJURY, FIRE OR PROPERTY DAMAGE

- Do not exceed rated ballast voltage.
- Do not use lamp if outer glass is scratched or broken.
- Do not use beyond rated life.
- Do not turn on lamp until fully installed.
- Use only with fixture and ballast rated for this product.
- Electrically insulate any metal to glass support in fixture.

⚠ CAUTION

RISK OF BURN:

- Allow lamp to cool before handling.
- Contains sodium – Avoid skin contact with broken pieces.

LAMP MAY SHATTER AND CAUSE INJURY IF BROKEN

- Do not use excessive force when installing lamp.
- Dispose of lamp in an enclosed container.
- Wear safety glasses and gloves when installing lamp.

Hg-LAMP CONTAINS MERCURY

Manage in Accord with Disposal Laws

See: www.lamprecycle.org or 1-888-665-2677

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