



TECHNICAL BULLETIN

HIGH PRESSURE SODIUM LAMP

Sunlux Ultra Ace™ EN
NH360CE/EN

ANSI Code: Use with ballast rated for ANSI M59 / H33 lamp

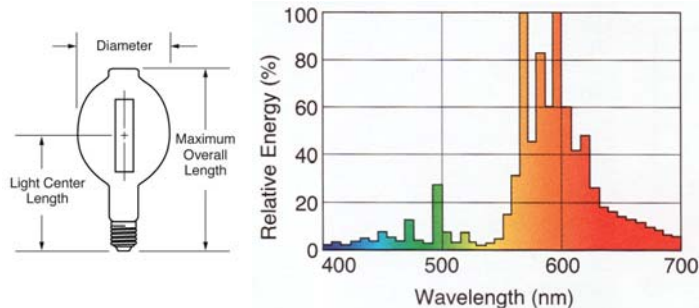
Product Code: 62541

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

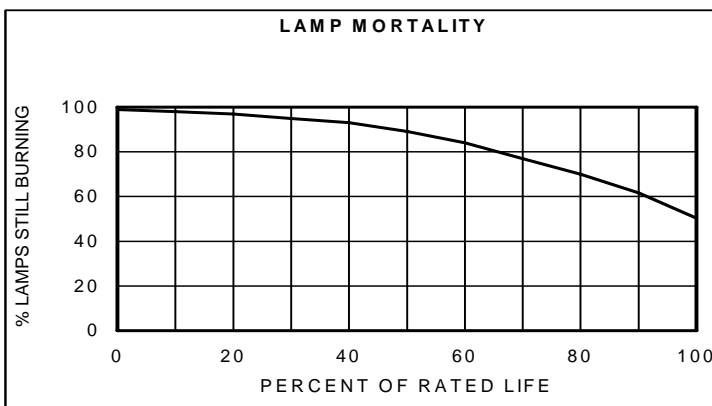
PERFORMANCE DATA

Initial lumens at rated watts after 100 hours operation	45000	lm
Mean lumens at 10 hours/start	40500	lm
Rated average life	24000	h
Warm up time (90% lumens)	5	min
Correlated color temperature	2100	K
CIE chromaticity	0.532, 0.422	x, y
Color rendering index	25	
Operating Position	Universal	
Time to hot re-start	15 max.	min



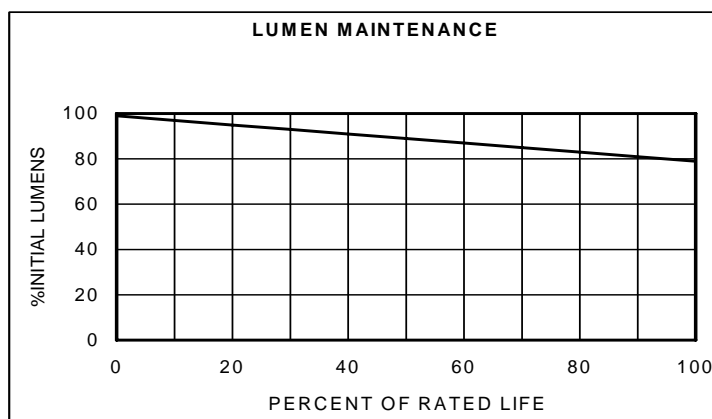
ELECTRICAL CHARACTERISTICS

Nominal lamp wattage	360	W
Nominal lamp voltage	135	V
Nominal lamp current	3.25	Arms
Current crest factor	1.8 max.	
Max. starting current	5.0	Arms
Ballast requirements		
Min. rms starting voltage	198	V _{rms}
Min. peak starting voltage	280	V _{peak}
Lamp holder rating	2	kV



PHYSICAL DESCRIPTION

Maximum overall length	291 (11.45)	mm (in)
Light center length	178 (7.0)	mm (in)
Bulb diameter	117 (4.63)	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	BT37	
Bulb material	Hard Glass	
Arc tube material	Alumina	
Bulb finish	Clear	
Base designation	E39 Mogul	
EPA TCLP Compliant / Lead Free	Yes	



ISO 9001:2000 Certified



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

Address: 9150 Hendricks Rd., Mentor, OH 44060
Phone: 888-665-2677 Fax: 800-811-7395 E-Mail: sales@eyelighting.com
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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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