



TECHNICAL INFORMATION BULLETIN

High Pressure Sodium

Order Code: **14896**

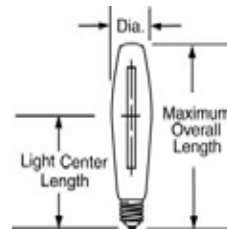
Description: **LU200 EYE**

ANSI Code: **S66**

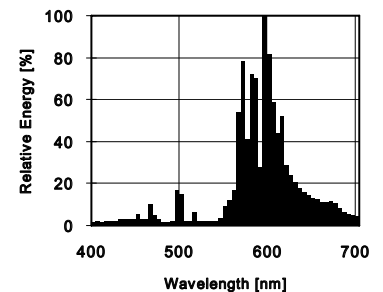
Features:	<ul style="list-style-type: none"> Long life Low cost efficient lighting 	<ul style="list-style-type: none"> Universal burning position EPA TCLP compliant for non-hazardous waste
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PERFORMANCE DATA		
Initial lumens at rated watts after 100 hours operation	22000	lm
Mean lumens at 10 hours/start	19800	lm
Rated average life	24000+	h
Warm up time (90% lumens)	5	min
Correlated color temperature	2100	K
CIE chromaticity	0.525, 0.415	x, y
Color rendering index	22	
Operating Position	Any	
Hot Re-strike time	<3	min

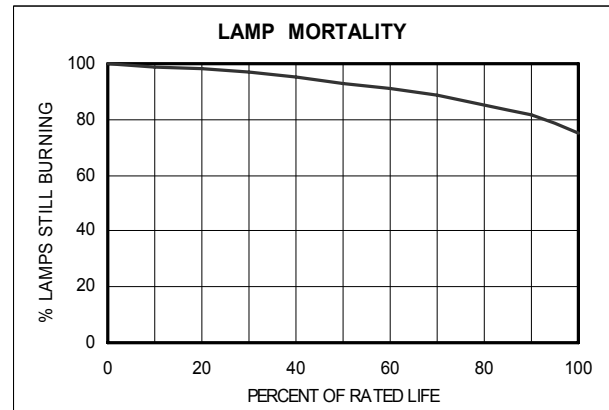
EPA TCLP Compliant	Yes
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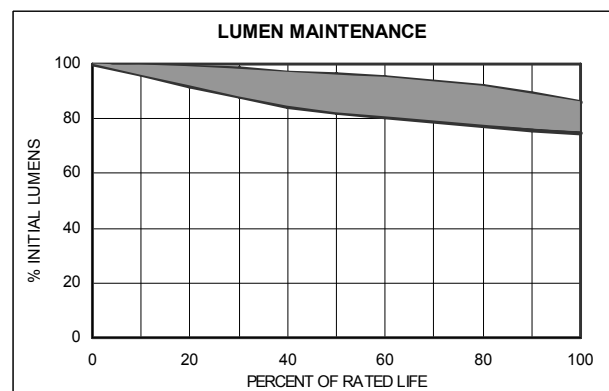
SPECTRAL DISTRIBUTION



ELECTRICAL CHARACTERISTICS		
Nominal lamp wattage	200	W
Nominal lamp voltage	100	V
Nominal lamp current	2.4	A _{rms}
Current crest factor (max.)	1.80	
Max. starting current	3.6	A _{rms}
Min. starting current	2.4	A _{rms}
Ballast requirements	Use with ballast rated for S66 lamps	



PHYSICAL DESCRIPTION		
Maximum overall length	248 (9.76)	mm (in)
Light center length	146 (5.75)	mm (in)
Bulb diameter	57 (2.20)	mm (in)
Base to bulb eccentricity (max.)	3	Degrees
Maximum base temperature	210 (410)	°C (°F)
Maximum bulb temperature	400 (752)	°C (°F)
Bulb designation	ET18	
Bulb material	Borosilicate (Hard Glass)	
Arc tube material	PCA	
Arc length	56 (2.20)	mm (in)
Bulb finish	Clear	
Base designation	Mogul (E39)	





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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.

Note: All information subject to change without notice.

Hg-LAMP CONTAINS MERCURY
Manage in Accord with Disposal Laws
See: www.lamprecycle.org or 1-888-665-2677