



Mercury Vapor Standard

H39KB-175 12PK

Mercury Vapor lamps feature low initial cost, but have higher operating costs than HPS or Metal Halide due to its lower efficiency. The clear mercury bulb has a bluish green appearance and the Deluxe White has a higher color rendering. Mercury lamps get dimmer over time and rarely burn out, so it is wise to replace them and restore light level.

Warnings and Safety

- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available." This lamp complies with FDA radiation performance standard 21 CFR subchapter J. (USA:21 CFR 1040.30 Canada: SOR/DORS/80-381)
- Lamp contains mercury. Manage in Accord with Disposal Laws. See: www.lamprecycle.org or 1-800-555-0050

Product data

General information		LSF 16000 h Rated	
Base	E39 [Single Contact Mogul Screw]	45 %	
Operating Position	Universal [Universal]		
Life to 5% Failures (Nom)	5000 h	Light technical	
Life to 20% Failures (Nom)	10000 h	Color Code	556 [CCT of 5600K]
Life to 50% Failures (Nom)	15000 h	Luminous Flux (Rated) (Min)	6660 lm
LSF 2000 h Rated	99 %	Luminous Flux (Rated) (Nom)	7400 lm
LSF 4000 h Rated	97 %	Color Designation	Cool White (CW)
LSF 6000 h Rated	94 %	Lumen Maintenance 10000 h (Min)	60 %
LSF 8000 h Rated	92 %	Lumen Maintenance 10000 h (Nom)	70 %
LSF 12000 h Rated	65 %	Lumen Maintenance 2000 h (Min)	80 %
		Lumen Maintenance 2000 h (Nom)	88 %
		Lumen Maintenance 5000 h (Min)	70 %

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Lumen Maintenance 5000 h (Nom)	80 %
Chromaticity Coordinate X (Nom)	323
Chromaticity Coordinate Y (Nom)	384
Correlated Color Temperature (Nom)	5900 K
Luminous Efficacy (rated) (Nom)	43 lm/W
LLMF 2000 h Rated	88 %
LLMF 4000 h Rated	84 %
LLMF 6000 h Rated	77 %
LLMF 8000 h Rated	73 %
LLMF 12000 h Rated	68 %
LLMF 16000 h Rated	66 %
LLMF 20000 h Rated	64 %

Operating and electrical

Power (Rated) (Nom)	175.0 W
Lamp Current (EM) (Nom)	1.5 A
Ignition Supply Voltage (Max)	180 V
Voltage (Max)	140 V
Voltage (Min)	120 V
Voltage (Nom)	130 V

Controls and dimming

Dimmable	No
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Mechanical and housing

Bulb Finish	Clear
Bulb Material	Hard Glass
Bulb Shape	ED28 [ED28]

Approval and application

Mercury (Hg) Content (Nom)	34.5 mg
Energy Consumption kWh/1000 h	193 kWh

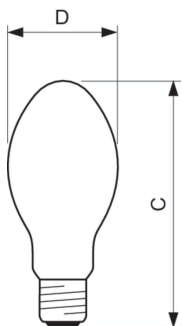
Luminaire design requirements

Bulb Temperature (Max)	400 °C
Cap-Base Temperature (Max)	210 °C

Product data

Order product name	HPL-N 175W E39/41 HG CL.SLV/12
EAN/UPC - Product	046677319656
Order code	319657
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928484900091
Net Weight (Piece)	0.154 kg

Dimensional drawing

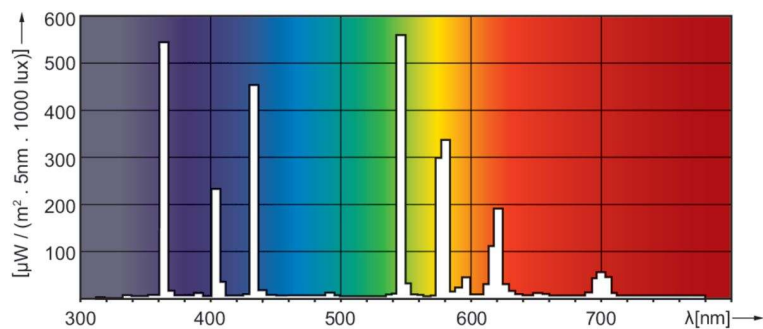


HPL-N 175W E39/41 HG CL.SLV/12

Product	D (max)	C (max)
HPL-N 175W E39/41 HG CL.SLV/12	91 mm	211 mm

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Photometric data



LDPO_HPL_N-Spectral power distribution Colour

