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.

Product data

General Information	
Base	E39 [Single Contact Mogul Screw]
Operating Position	Universal [Universal]
Life to 5% Failures (Nom)	5000 h
Life to 20% Failures (Nom)	10000 h
Life to 50% Failures (Nom)	15000 h
LSF 2000 h Rated	99 %
LSF 4000 h Rated	97 %
LSF 6000 h Rated	94 %
LSF 8000 h Rated	92 %
LSF 12000 h Rated	65 %
LSF 16000 h Rated	45 %

Light Technical	
Color Code	556 [CCT of 5600K]
Luminous Flux (Rated) (Min)	6660 lm
Luminous Flux (Rated) (Nom)	7400 lm
Color Designation	Cool White (CW)
Lumen Maintenance 10000 h (Min)	60 %
Lumen Maintenance 10000 h (Nom)	70 %
Lumen Maintenance 2000 h (Min)	80 %
Lumen Maintenance 2000 h (Nom)	88 %
Lumen Maintenance 5000 h (Min)	70 %
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

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Voltage (Max)	140 V
Voltage (Min)	120 V
Voltage (Nom)	130 V

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Hard Glass

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

Warnings and Safety

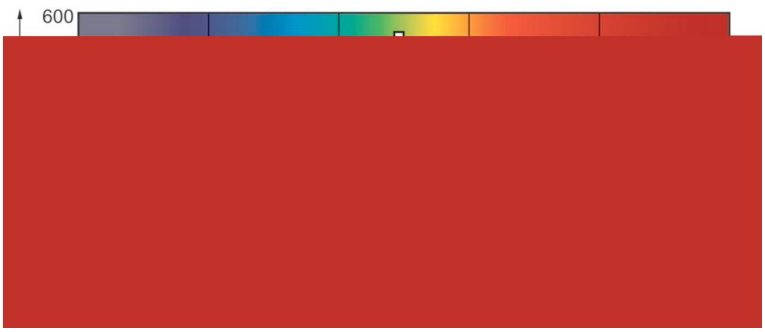
Dimensional drawing

D

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

HPL N 175W E39 HG CL

Photometric data



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