



Mercury Vapor Standard

H37KC-250/DX FULL CT 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		Light Technical	
Base	E39 [Single Contact Mogul Screw]	LSF 16000 h Rated	45 %
Operating Position	Universal [Universal]	Color Code	542 [CCT of 4200K]
Life to 5% Failures (Nom)	5000 h	Luminous Flux (Rated) (Min)	10800 lm
Life to 20% Failures (Nom)	10000 h	Luminous Flux (Rated) (Nom)	12000 lm
Life to 50% Failures (Nom)	15000 h	Color Designation	Cool White (CW)
LSF 2000 h Rated	99 %	Lumen Maintenance 10000 h (Min)	70 %
LSF 4000 h Rated	97 %	Lumen Maintenance 10000 h (Nom)	80 %
LSF 6000 h Rated	94 %	Lumen Maintenance 2000 h (Min)	78 %
LSF 8000 h Rated	92 %	Lumen Maintenance 2000 h (Nom)	88 %
LSF 12000 h Rated	65 %	Lumen Maintenance 5000 h (Min)	75 %

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Lumen Maintenance 5000 h (Nom)	85 %
Chromaticity Coordinate X (Nom)	380
Chromaticity Coordinate Y (Nom)	385
Correlated Color Temperature (Nom)	4100 K
Luminous Efficacy (rated) (Nom)	48 lm/W
LLMF 2000 h Rated	88 %
LLMF 4000 h Rated	86 %
LLMF 6000 h Rated	84 %
LLMF 8000 h Rated	82 %
LLMF 12000 h Rated	78 %
LLMF 16000 h Rated	74 %
LLMF 20000 h Rated	70 %

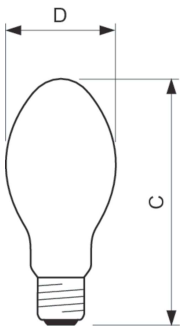
Operating and Electrical

Power (Rated) (Nom)	250.0 W
Lamp Current (EM) (Nom)	2.1 A
Ignition Supply Voltage (Max)	180 V
Voltage (Max)	145 V
Voltage (Min)	125 V
Voltage (Nom)	135 V

Controls and Dimming

Dimmable	No
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Dimensional drawing



HPL N 250W E39 HG

Mechanical and Housing

Bulb Finish	Coated glass
Bulb Material	Hard Glass
Bulb Shape	ED28 [ED28]

Approval and Application

Mercury (Hg) Content (Nom)	38 mg
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Luminaire Design Requirements

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

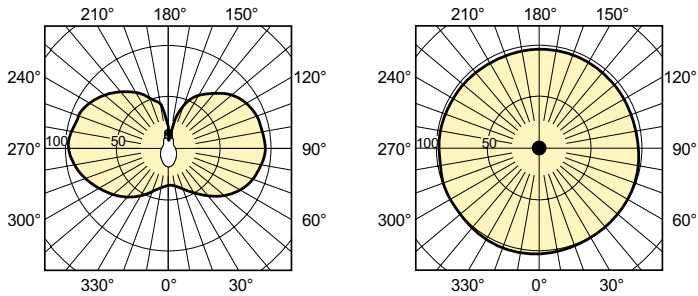
Product Data

Order product name	HPL-N 250W E39/41 HG.SLV/12	
EAN/UPC - Product	046677248147	
Order code	248146	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	12	
Material Nr. (12NC)	928485100091	
Net Weight (Piece)	0.159 kg	

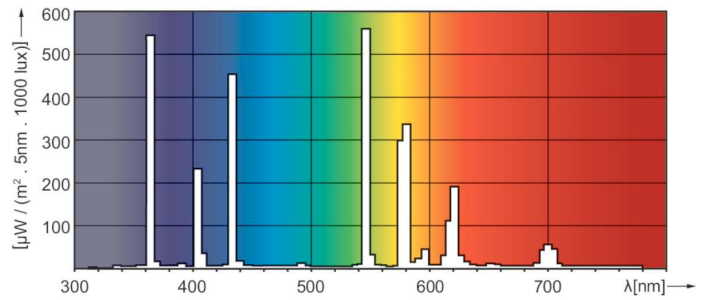
Product	D (max)	C (max)
HPL-N 250W E39/41 HG.SLV/12	91 mm	211 mm

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Photometric data

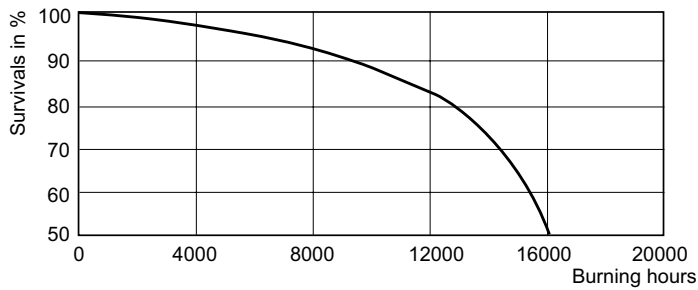


LDLE_HPL_N_250W-Light distribution diagram

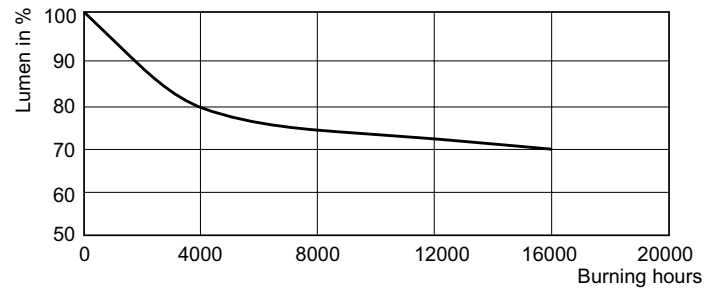


LDPO_HPL_N-Spectral power distribution Colour

Lifetime



LDLE_HPL_0001-Life expectancy diagram



LDLM_HPL_0001-Lumen maintenance diagram

