

Mercury Vapor Standard

HPL-N 250W E39/41 HG.1CT/3

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 ot the lamp is broken or puntured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precuations are used. Certain lamps that will automaticallly 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)

Product data

General Information	
Cap-Base	E39 [Single Contact Mogul Screw]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life to 50% Failures (Nom)	15,000 hour(s)

Light Technical	
Color Code	542 [CCT of 4200K]
Color Designation	Cool White (CW)
Chromaticity Coordinate X (Nom)	380
Chromaticity Coordinate Y (Nom)	385
Correlated Color Temperature (Nom)	4100 K
Luminous Efficacy (rated) (Nom)	48 lm/W

Operating and Electrical	
Power Consumption	250.0 W
Voltage (Nom)	135 V
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Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Coated glass
Bulb Material	Hard Glass
Bulb Shape	ED90 [ED 90mm]

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Approval and Application	
Mercury (Hg) Content (Nom)	38 mg

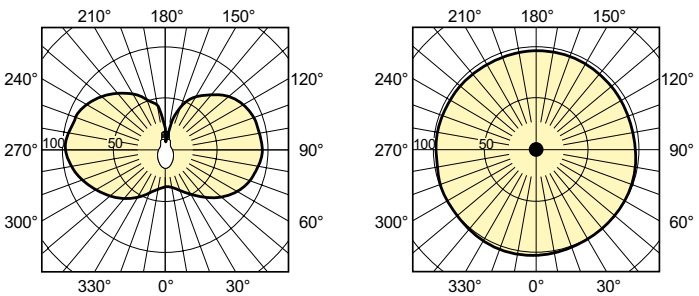
Product Data	
Order product name	HPL-N 250W E39/41 HG.1CT/3
Full product name	HPL-N 250W E39/41 HG.1CT/3
Order code	928485100093

Material Nr. (12NC)	928485100093
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677253530
Numerator - Packs per outer box	3
EAN/UPC - Case	50046677140804

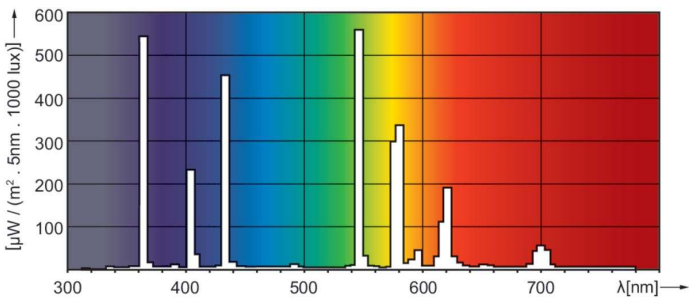
Dimensional drawing

Product	D (max)	C (max)
HPL-N 250W E39/41 HG.1CT/3	91 mm	211 mm

Photometric data

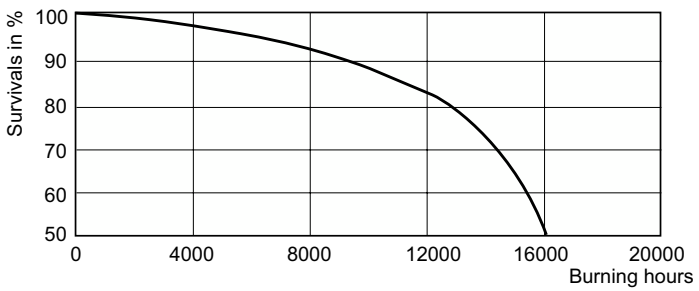


Light Distribution Diagram - HPL-N 250W E39/41 HG.1CT/3

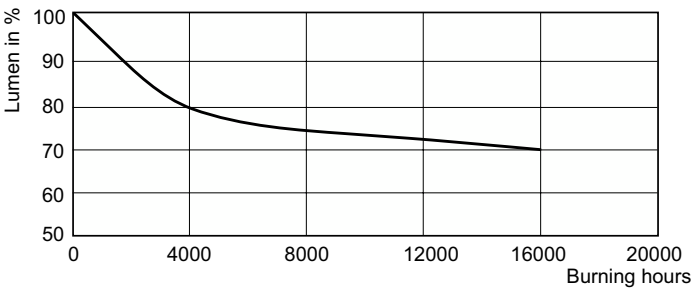


Spectral Power Distribution Colour - HPL-N 250W E39/41 HG.1CT/3

Lifetime



Life Expectancy Diagram - HPL-N 250W E39/41 HG.1CT/3



Lumen Maintenance Diagram - HPL-N 250W E39/41 HG.1CT/3

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2023, September 4 - data subject to change