



Mercury Vapor Standard

H33GL-400/DX FULL CT 6PK

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	542 [CCT of 4200K]
Luminous Flux (Rated) (Min)	18900 lm
Luminous Flux (Rated) (Nom)	21000 lm
Color Designation	Cool White (CW)
Lumen Maintenance 10000 h (Min)	70 %
Lumen Maintenance 10000 h (Nom)	80 %

Lumen Maintenance 2000 h (Min)	78 %
Lumen Maintenance 2000 h (Nom)	88 %
Lumen Maintenance 5000 h (Min)	75 %
Lumen Maintenance 5000 h (Nom)	85 %
Chromaticity Coordinate X (Nom)	376
Chromaticity Coordinate Y (Nom)	385
Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (rated) (Nom)	53 lm/W
Color Rendering Index (Nom)	50
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)	400 W
Lamp Current (EM) (Nom)	3.25 A

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Ignition Supply Voltage (Max)	180 V
Voltage (Max)	150 V
Voltage (Min)	130 V
Voltage (Nom)	140 V

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Coated glass
Bulb Material	Hard Glass

Approval and Application

Mercury (Hg) Content (Nom)	72 mg
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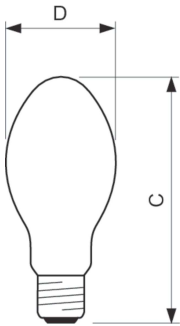
Luminaire Design Requirements

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

Product Data

Order product name	HPL-N 400W E39/41 HG.SLV/6
EAN/UPC - Product	046677248420
Order code	248427
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	928485300091
Net Weight (Piece)	252.000 g

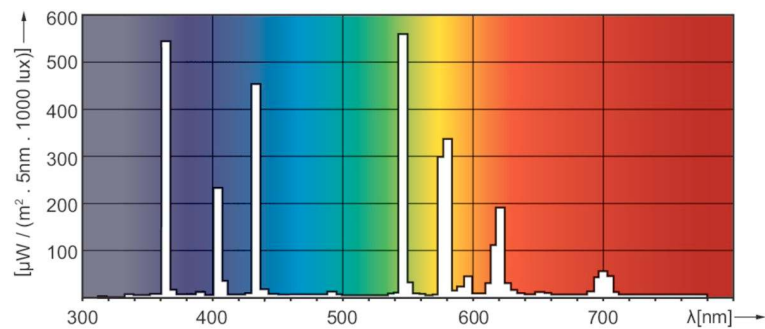
Dimensional drawing



HPL N 400W E39 HG

Product	D (max)	C (max)
HPL-N 400W E39/41 HG.SLV/6	122 mm	290 mm

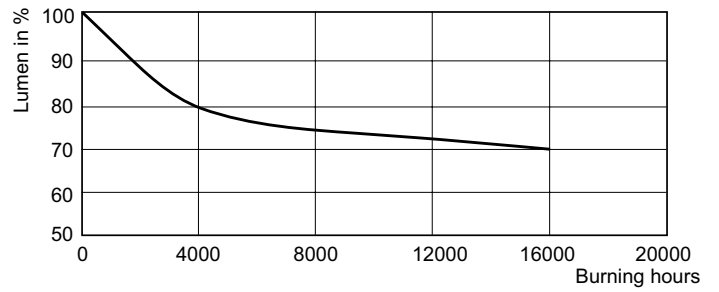
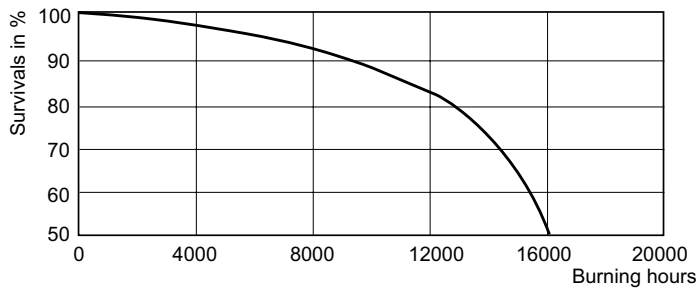
Photometric data



LDPO_HPL_N-Spectral power distribution Colour

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Lifetime



LDLE_HPL_0001-Life expectancy diagram

LDLM_HPL_0001-Lumen maintenance diagram

