



# 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

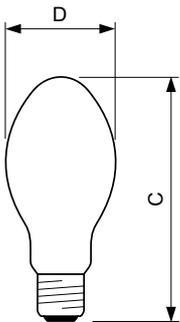
### Product Data

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

## 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](http://www.lamprecycle.org) or 1-800-555-0050

## Dimensional drawing

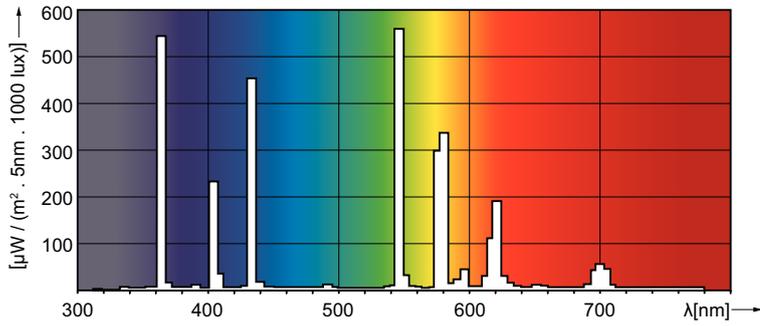


HPL N 400W E39 HG

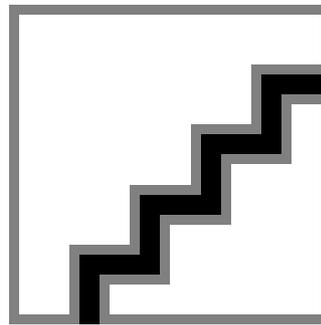
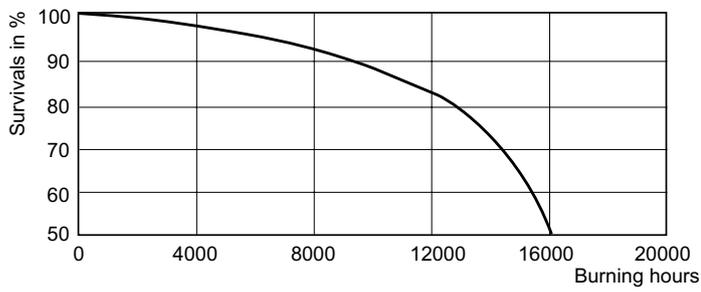
Product	D (max)	C (max)
HPL-N 400W E39/41 HG.SLV/6	122 mm	290 mm

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## Photometric data



## Lifetime



LDLM\_HPL\_0001-Lumen maintenance diagram

