



HPL-N

HPL-N 400W/542 E40 HG 1SL/6

Standard High Pressure Mercury lamp

Warnings and Safety

- For use with control gear designed for high-pressure mercury lamps
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Product data

General information	
Cap-Base	E40 [E40]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life to 5% Failures (Nom)	6000 h
Life to 20% Failures (Nom)	12000 h
Life to 50% Failures (Nom)	16000 h
LSF 2000 h Rated	99 %
LSF 4000 h Rated	97 %
LSF 6000 h Rated	92 %
LSF 8000 h Rated	83 %
LSF 12000 h Rated	65 %
LSF 16000 h Rated	45 %
LSF 20000 h Rated	28 %
Light technical	
Color Code	542 [CCT of 4200K]
Luminous Flux (Rated) (Nom)	22000 lm
Color Designation	Cool White (CW)
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)	384
Chromaticity Coordinate Y (Nom)	384
Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (rated) (Nom)	55 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	75 %
LLMF 20000 h Rated	72 %

Operating and electrical	
Power (Nom)	400.0 W
Lamp Current (EM) (Nom)	3.25 A
Ignition Supply Voltage (Max)	170 V
Voltage (Max)	150 V

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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
Bulb Shape	ED120 [ED 120mm]

Approval and application

Mercury (Hg) Content (Nom)	72 mg
Energy Consumption kWh/1000 h	440 kWh

Luminaire design requirements

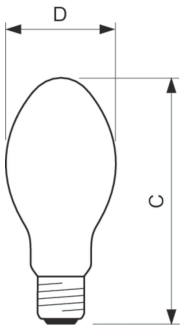
Bulb Temperature (Max)	350 °C
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Cap-Base Temperature (Max)	210 °C
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Product data

Full product code	871150018045299
Order product name	HPL-N 400W/542 E40 HG 1SL/6
EAN/UPC - Product	8711500180452
Order code	928053507496
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	928053507496
Net Weight (Piece)	0.255 kg
ILCOS Code	QE-400/40/3-H-E40

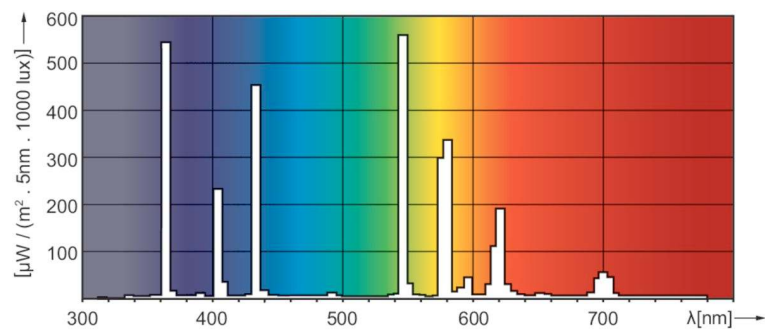
Dimensional drawing



HPL-N 400W/542 E40 HG 1SL/6

Product	D (max)	C (max)
HPL-N 400W/542 E40 HG 1SL/6	122 mm	290 mm

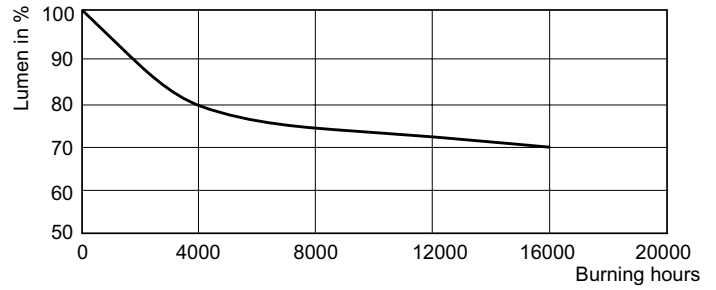
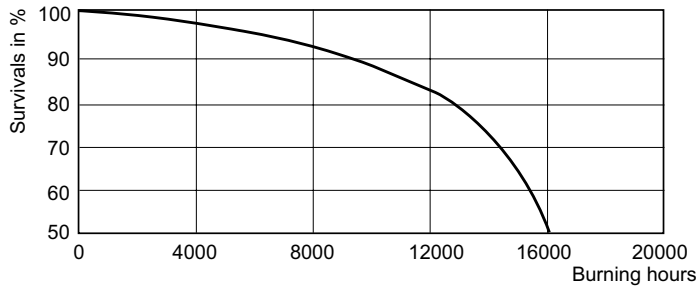
Photometric data



LDPO_HPL_N-Spectral power distribution Colour

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Lifetime



LDLE_HPL_0001-Life expectancy diagram

LDLM_HPL_0001-Lumen maintenance diagram

