



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]
Burning Position	UNIVERSAL [Any/Universal]
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	
Colour Code	542 [CCT of 4,200 K]
Lamp Luminous Flux (Nom)	22000 lm
Colour Designation	Cool White (CW)
Lumen maintenance 2,000 hours (min.)	78 %
Lumen maintenance 2,000 hours (nom.)	88 %

Lumen maintenance 5,000 hours (min.)	75 %
Lumen maintenance 5,000 hours (nom.)	85 %
Chromaticity coordinate X (nom.)	384
Chromaticity coordinate Y (nom.)	384
Colour Temperature, horizontal (Nom)	4200 K
Lamp Luminous Efficacy EM (Nom)	55 lm/W
Colour Rendering Index,horiz (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 (Rated) (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

Lamp Finish	Coated glass
Bulb material	Hard Glass

Approval and Application

Energy efficiency label (EEL)	B
Mercury (Hg) content (nom.)	72 mg
Energy consumption kWh/1,000 hours	440 kWh

Luminaire Design Requirements

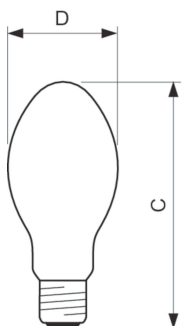
Bulb temperature (max.)	350 °C
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Cap-base temperature (max.)	210 °C
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Product Data

Full product code	871150018045299
Order product name	HPL-N 400W/542 E40 HG 1SL/6
EAN/UPC – product	8711500180452
Order code	928053507496
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	928053507496
SAP net weight (piece)	0.255 kg
ILCOS code	QE-400/40/3-H-E40

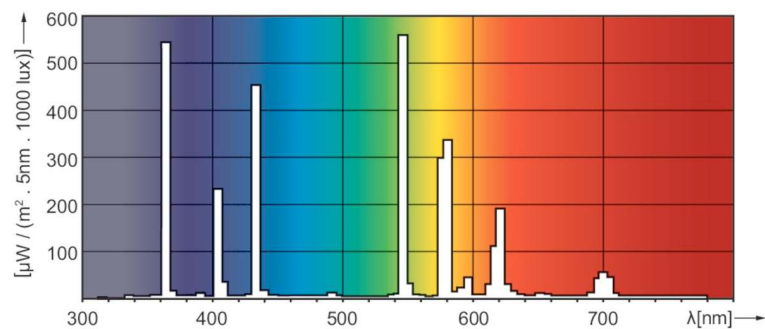
Dimensional drawing



HPL N 400W E40 HG

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

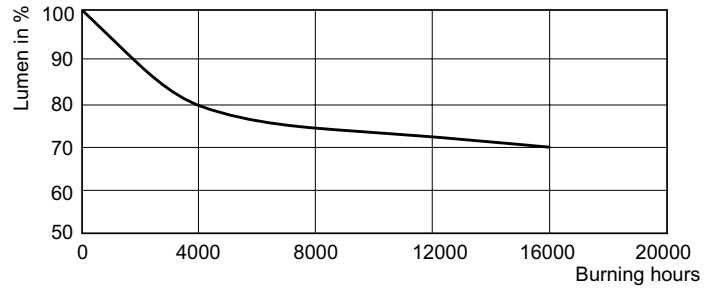
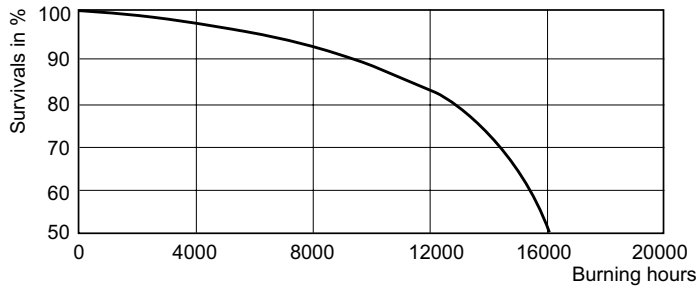
Photometric data



LDPO_HPL_N-Spectral power distribution Colour

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Lifetime



LDLE_HPL_0001-Life expectancy diagram

LDLM_HPL_0001-Lumen maintenance diagram

