



HPL-N

HPL-N 125W/542 E27 1CT/24

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	E27 [E27]
Burning Position	UNIVERSAL [Any/Universal]
Life to 5% failures (nom.)	6000 h
Life to 20% failures (nom.)	12000 h
Life to 50% failures (nom.)	20000 h
LSF 2000 h Rated	99 %
LSF 4000 h Rated	98 %
LSF 6000 h Rated	95 %
LSF 8000 h Rated	92 %
LSF 12000 h Rated	80 %
LSF 16000 h Rated	68 %
LSF 20000 h Rated	50 %
Light Technical	
Colour Code	542 [CCT of 4,200 K]
Lamp Luminous Flux (Nom)	6200 lm
Colour Designation	Cool White (CW)
Lumen maintenance 2,000 hours (min.)	82 %
Lumen maintenance 2,000 hours (nom.)	92 %

Lumen maintenance 5,000 hours (min.)	80 %
Lumen maintenance 5,000 hours (nom.)	90 %
Chromaticity coordinate X (nom.)	374
Chromaticity coordinate Y (nom.)	373
Colour Temperature, horizontal (Nom)	4100 K
Lamp Luminous Efficacy EM (Nom)	50 lm/W
Colour Rendering Index,horiz (Nom)	46
LLMF 2000 h Rated	92 %
LLMF 4000 h Rated	91 %
LLMF 6000 h Rated	89 %
LLMF 8000 h Rated	88 %
LLMF 12000 h Rated	85 %
LLMF 16000 h Rated	80 %
LLMF 20000 h Rated	76 %

Operating and Electrical	
Technical Lamp Power (Nom)	125.0 W
Lamp current (EM) (nom.)	1.15 A
Ignition supply voltage (max.)	170 V
Voltage (max.)	135 V

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Voltage (min.)	115 V
Voltage (nom.)	125 V

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Lamp Finish	Coated glass
Bulb material	Soft Glass
Bulb shape	E75 [E 75 mm]

Approval and Application

Mercury (Hg) content (nom.)	19.0 mg
Energy consumption kWh/1,000 hours	137 kWh

Luminaire Design Requirements

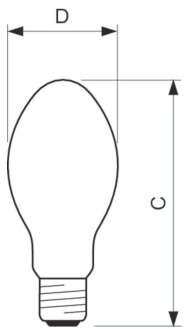
Bulb temperature (max.)	350 °C
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Cap-base temperature (max.)	200 °C
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Product Data

Full product code	692059027779500
Order product name	HPL-N 125W/542 E27 1CT/24
EAN/UPC – product	6920590277795
Order code	928052007391
SAP numerator – quantity per pack	1
Numerator – packs per outer box	24
SAP material	928052007391
SAP net weight (piece)	63.000 g
ILCOS code	QE-125/41/3-H-E27

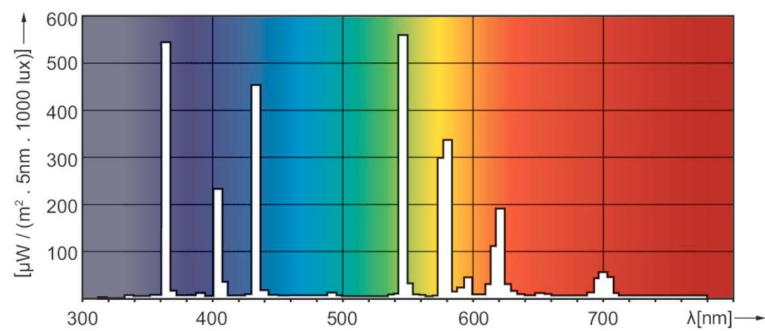
Dimensional drawing



HPL N 125W E27 SG

Product	D (max)	C (max)
HPL-N 125W/542 E27 1CT/24	76 mm	173 mm

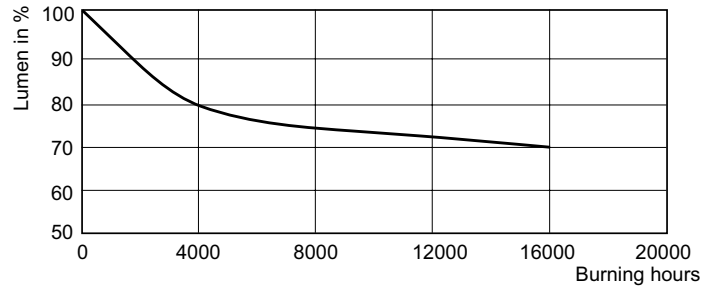
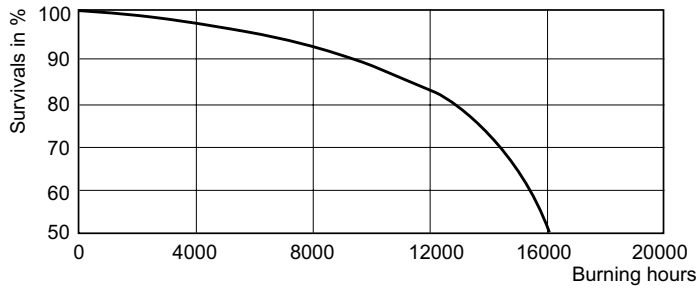
Photometric data



LDPO_HPL_N-Spectral power distribution Colour

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Lifetime



LDLE_HPL_0001-Life expectancy diagram

LDLM_HPL_0001-Lumen maintenance diagram

