



# HPL-N

## HPL-N 250W/542 E40 1SL/12

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.)	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	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)	12700 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.)	381
Chromaticity coordinate Y (nom.)	383
Colour Temperature, horizontal (Nom)	4100 K
Lamp Luminous Efficacy EM (Nom)	51 lm/W
Colour Rendering Index,horiz (Nom)	40
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)	250.0 W
Lamp current (EM) (nom.)	2.1 A
Ignition supply voltage (max.)	170 V
Voltage (Max)	145 V

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Voltage (Min)	125 V
Voltage (Nom)	135 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.)	38 mg
Energy consumption kWh/1,000 hours	275 kWh

## Luminaire Design Requirements

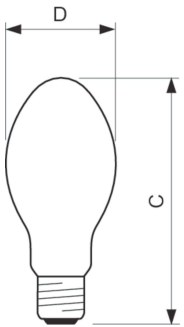
Bulb temperature (max.)	350 °C
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Cap-base temperature (max.)	250 °C
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## Product Data

Full product code	692059027781800
Order product name	HPL-N 250W/542 E40 1SL/12
EAN/UPC – product	6920590277818
Order code	928053007492
SAP numerator – quantity per pack	1
Numerator – packs per outer box	12
SAP material	928053007492
SAP net weight (piece)	168.000 g
ILCOS code	QE-250/41/3-H-E40

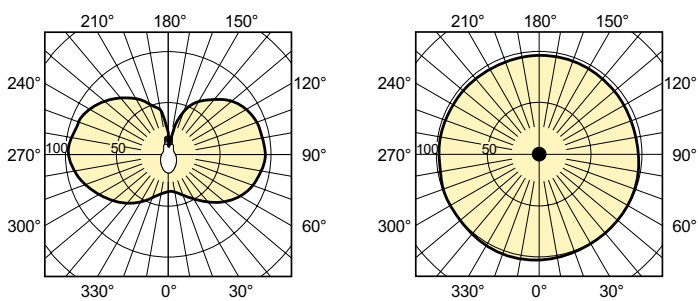
## Dimensional drawing



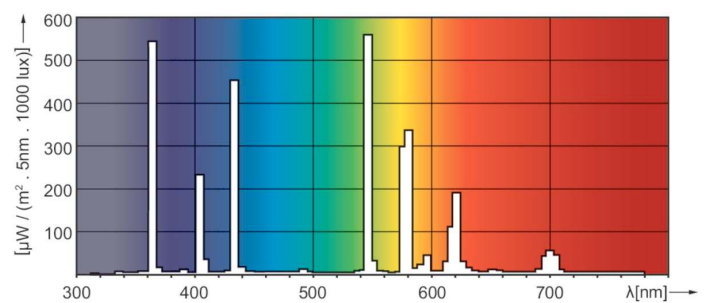
HPL N 250W E40 HG

Product	D (max)	C (max)
HPL-N 250W/542 E40 1SL/12	91 mm	226 mm

## Photometric data



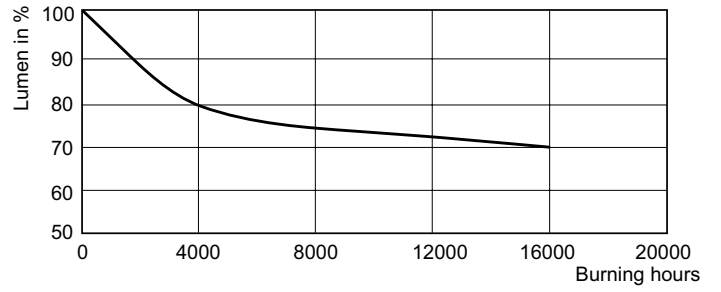
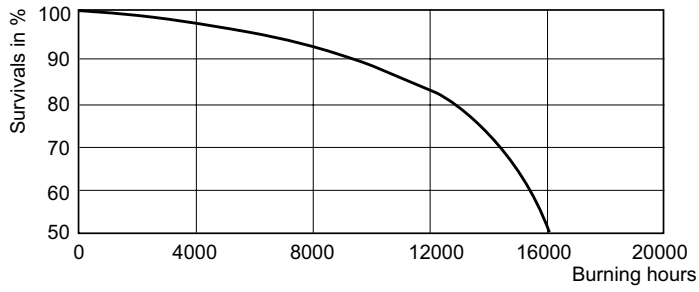
LDLD\_HPL\_N\_250W-Light distribution diagram



LDPO\_HPL\_N-Spectral power distribution Colour

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## Lifetime



LDLE\_HPL\_0001-Life expectancy diagram

LDLM\_HPL\_0001-Lumen maintenance diagram

