



# HPL-N

## HPL-N 80W/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]
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.)	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]
Luminous flux (rated) (nom.)	3600 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.)	370
Chromaticity coordinate Y (nom.)	366
Correlated Colour Temperature (Nom)	4300 K
Luminous efficacy (rated) (nom.)	44.5 lm/W
Colour rendering index (nom.)	45
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	
Power (Rated) (Nom)	80.0 W
Lamp current (EM) (nom.)	0.8 A
Ignition supply voltage (max.)	170 V
Voltage (Max)	125 V

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Voltage (Min)	105 V
Voltage (Nom)	115 V

## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Lamp Finish	Coated glass
Bulb material	Soft Glass
Bulb shape	BF70 [ BF 70mm]

## Approval and Application

Mercury (Hg) content (nom.)	14.0 mg
Energy consumption kWh/1,000 hours	88 kWh

## Luminaire Design Requirements

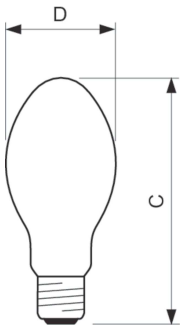
Bulb temperature (max.)	350 °C
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Cap-base temperature (max.)	200 °C
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## Product Data

Full product code	69205902777100
Order product name	HPL-N 80W/542 E27 1CT/24
EAN/UPC – product	692059027771
Order code	2777100
Local order code	HPLN80
SAP numerator – quantity per pack	1
Numerator – packs per outer box	24
SAP material	928051007391
SAP net weight (piece)	59.000 g
ILCOS code	QE-80/43/3-H-E27

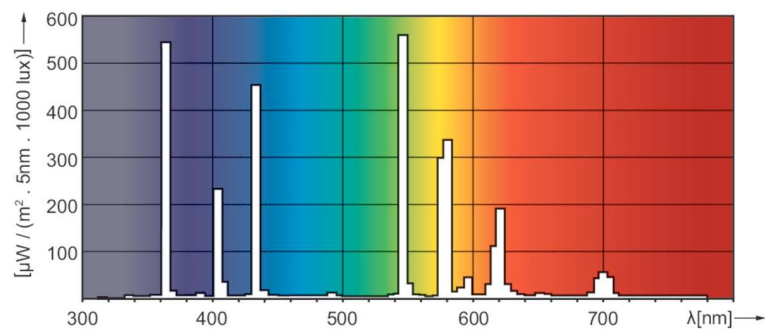
## Dimensional drawing



HPL-N 80W/542 E27 1CT/24

Product	D (max)	C (max)
HPL-N 80W/542 E27 1CT/24	71 mm	155 mm

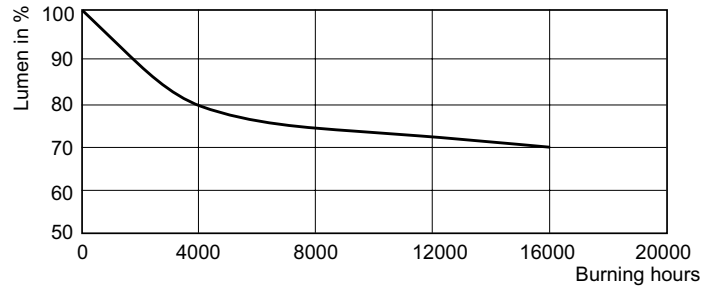
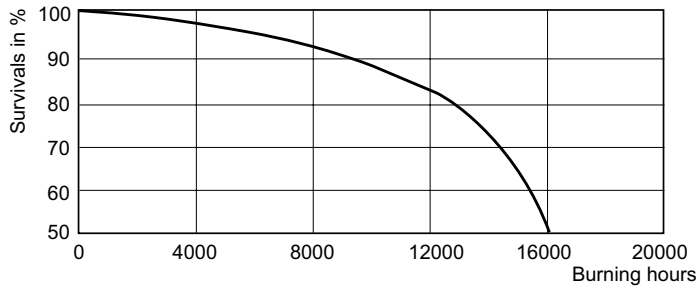
## Photometric data



LDPO\_HPL\_N-Spectral power distribution Colour

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## Lifetime



LDLE\_HPL\_0001-Life expectancy diagram

LDLM\_HPL\_0001-Lumen maintenance diagram

