



HPL-N

HPL-N 125W/542 E27 SG SLV

Standard High Pressure Mercury lamp

Product data

• General Characteristics

Cap-Base	E27
Bulb	BD75 [BD 75mm]
Bulb Material	Soft Glass
Bulb Finish	Coated
Operating Position	any [Any or Universal (U)]
Life to 5% failures	6000 hr
Life to 20% failures	10000 hr
Life to 50% failures	16000 hr
LSF EM 20000h	50 %
Rated,12h cycle	
LSF EM 16000h	68 %
Rated,12h cycle	
LSF EM 12000h	80 %
Rated,12h cycle	
LSF EM 8000h Rated,	92 %
12h cycle	
LSF EM 6000h Rated,	95 %
12h cycle	
LSF EM 4000h Rated,	98 %
12h cycle	
LSF EM 2000h Rated,	99 %
12h cycle	

• Light Technical Characteristics

Color Code	542 [CCT of 4200K]
Color Rendering	46 Ra8
Index	
Color Designation	Cool White
(text)	
Color Temperature	4200 K
Chromaticity Coordinate X	374 -
Chromaticity Coordinate Y	373 -

Lumen Maintenance	90 %
2000h	
Lumen Maintenance	85 %
5000h	
Lum Efficacy Rated	50 Lm/W
EM 25°C	
LLMF EM 20000h	76 %
Rated	
LLMF EM 16000h	80 %
Rated	
LLMF EM 12000h	85 %
Rated	
LLMF EM 8000h	88 %
Rated	
LLMF EM 6000h	89 %
Rated	
LLMF EM 4000h	91 %
Rated	
LLMF EM 2000h	92 %
Rated	
Luminous Flux EM	6200 Lm
25°C, Rated	

• Electrical Characteristics

Lamp Wattage	125 W
Lamp Voltage	125 V
Lamp Current EM	1.15 A
Dimmable	No
Lamp Wattage EM	125 W
25°C, Rated	
Lamp Wattage EM	125 W
25°C, Nominal	

PHILIPS

sense and simplicity

- Environmental Characteristics

Mercury (Hg) Content 19 mg

- Luminaire Design Requirements

Cap-Base Temperature 200 (max) C
Bulb Temperature 350 (max) C

- Product Dimensions

Overall Length C 173 (max) mm
Diameter D 76 (max) mm

- Product Data

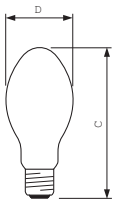
Order code 928052007360

Full product code 928052007360
Full product name HPL-N 125W/542 E27 SG SLV
Order product name HPL-N 125W/542 E27 SG SLV/24
Pieces per pack 1
Packing configuration 24
Packs per outerbox 24
Bar code on pack - EAN1 8711500180124
Bar code on outerbox - EAN3 8711500180131
Logistic code(s) - 12NC 928052007360
ILCOS code QE-125/41/3-H-E27
Net weight per piece 0.063 kg

Warnings and Safety

- For use with control gear designed for high-pressure mercury lamps

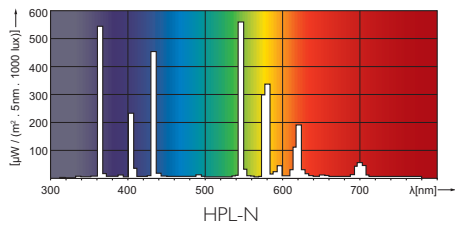
Dimensional drawing



HPL, E26/E27/E39/E40

Product	C (Max)	D (Max)
HPL N 125W E27 SG	173	76

Photometric data



Lamps being part of this product family comply with Commission Regulation (EC) No 245/2009 – Ecodesign requirements, applicable from 13 April 2010.

1.3 Product information requirements on lamps

a) Nominal and rated lamp wattage;

b) Nominal and rated lamp luminous flux;

c) Rated lamp efficacy at 100 h in standard conditions.

d) Rated lamp Lumen Maintenance Factor at 2000 h, 4000 h, 6000 h, 8000 h, 12000 h, 16000 h and 20000 h (up to 8000 h only for new lamps on the market where no data is yet available), indicating which operation mode of the lamp was used for the test if both 50 Hz and High Frequency operation are possible;

e) Rated lamp Survival Factor at 2000 h, 4000 h, 6000 h, 8000 h, 12000 h, 16000 h and 20000 h (up to 8000 h only for new lamps on the market where no data is yet available), indicating which operation mode of the lamp was used for the test if both 50 Hz and High Frequency operation are possible;

f) Lamp mercury content as XX mg;

g) Colour Rendering Index (Ra) of the lamp;

h) Colour temperature of the lamp;

i) Ambient temperature inside the luminaire at which the lamp was designed to maximise its luminous flux. If this temperature is equal to or lower than 0 °C or equal to or higher than 50 °C it shall be stated that the lamp is not suitable for indoor use at standard room temperatures;

For more information see <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2009:076:0017:0044:EN:PDF>



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data subject to change