



# HPL-N

HPL-N 125W/542 E40 HG SLV

Standard High Pressure Mercury lamp

## Product data

### • General Characteristics

Cap-Base	E40
Bulb	B75 [B 75mm]
Bulb Material	Hard Glass
Bulb Finish	Coated
Operating Position	any [Any or Universal (U)]
Life to 5% failures	8000 hr
Life to 20% failures	16000 hr
Life to 50% failures	20000 hr

### • Light Technical Characteristics

Color Code	542 [CCT of 4200K]
Color Rendering Index	46 Ra8
Color Designation (text)	Cool White
Color Temperature	4100 K
Chromaticity Coordinate X	374 -
Chromaticity Coordinate Y	373 -
Luminous Flux Lamp EM	6200 Lm
Luminous Efficacy Lamp EM	50 Lm/W
Lumen Maintenance 2000h	95 %
Lumen Maintenance 5000h	92 %

### • Electrical Characteristics

Lamp Wattage	125 W
Lamp Wattage EM	125.0 (nom), 132 (max) W
Lamp Voltage	125 V

Lamp Current EM	1.15 A
Dimmable	No

### • 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	184 (max) mm
Diameter D	76 (max) mm

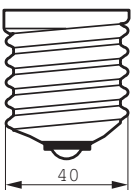
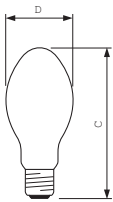
### • Product Data

Order code	928052307431
Full product code	928052307431
Full product name	HPL-N 125W/542 E40 HG SLV
Order product name	HPL-N 125W/542 E40 HG SLV/24
Pieces per pack	1
Packing configuration	24
Packs per outerbox	24
Bar code on pack - EAN1	8711500180308
Bar code on outerbox - EAN3	8711500180315
Logistic code(s) - 12NC	928052307431
ILCOS code	QE-125/41/3-H-E40
Net weight per piece	0.126 kg

## Warnings and Safety

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

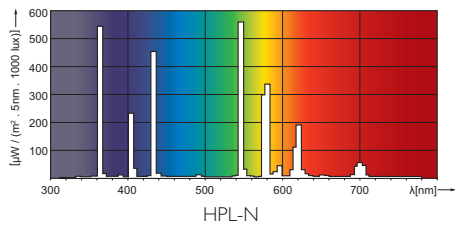
## Dimensional drawing



### HPL, E26/E27/E39/E40

Product	C (Max)	D (Max)
HPL N 125W E40 HG	184	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>



© 2011 Koninklijke Philips Electronics N.V.  
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

[www.philips.com/lighting](http://www.philips.com/lighting)

2011, November 15  
data subject to change