



HPL-N

HPL-N 1000W/542 E40 HG CRP

Standard High Pressure Mercury lamp

Product data

• General Characteristics

Cap-Base	E40
Bulb	BD165 [BD 165mm]
Bulb Material	Hard Glass
Bulb Finish	Coated
Operating Position	any [Any or Universal (U)]
Life to 5% failures	2000 hr
Life to 20% failures	8000 hr
Life to 50% failures	12000 hr

• Light Technical Characteristics

Color Code	542 [CCT of 4200K]
Color Rendering Index	36 Ra8
Color Designation (text)	Cool White
Color Temperature	3900 K
Chromaticity Coordinate X	390 -
Chromaticity Coordinate Y	395 -
Luminous Flux Lamp EM	58500 Lm
Luminous Efficacy Lamp EM	59 Lm/W
Lumen Maintenance 2000h	90 %
Lumen Maintenance 5000h	80 %

• Electrical Characteristics

Lamp Wattage	1000 W
Lamp Wattage EM	1000.0 (nom), 1050 (max) W
Lamp Voltage	145 V

Lamp Current EM	7.5 A
Dimmable	No

• Environmental Characteristics

Mercury (Hg) Content	79 mg
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• Luminaire Design Requirements

Cap-Base Temperature	250 (max) C
Bulb Temperature	350 (max) C

• Product Dimensions

Overall Length C	399 (max) mm
Diameter D	166.5 (max) mm

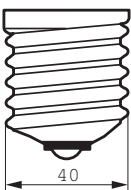
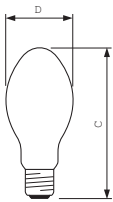
• Product Data

Order code	928054507428
Full product code	928054507428
Full product name	HPL-N 1000W/542 E40 HG CRP
Order product name	HPL-N 1000W/542 E40 HG CRP/6
Pieces per pack	1
Packing configuration	6
Packs per outerbox	6
Bar code on pack - EAN1	8711500184030
Bar code on outerbox - EAN3	8711500184047
Logistic code(s) - 12NC	928054507428
ILCOS code	QE-1000/39/4-H-E40
Net weight per piece	0.420 kg

Warnings and Safety

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

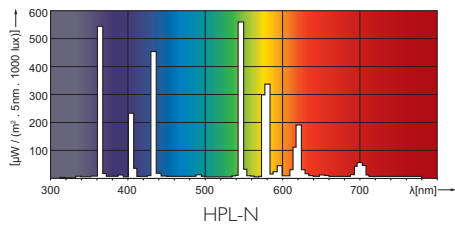
Dimensional drawing



HPL, E26/E27/E39/E40

Product	C (Max)	D (Max)
HPL N 1000W E40 HG	399	166.5

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