



HPL 4

HPL 4 50W/634 E27 SG 1SL

High pressure mercury lamp with high service lifetime

Product data

• General Characteristics

Cap-Base	E27
Bulb	BF55 [BF 55mm]
Bulb Material	Soft Glass
Bulb Finish	Coated
Operating Position	any [Any or Universal (U)]
Life to 5% failures	10000 hr
Life to 20% failures	16000 hr
Life to 50% failures	24000 hr
LSF EM 20000h	80 %
Rated,12h cycle	
LSF EM 16000h	90 %
Rated,12h cycle	
LSF EM 12000h	95 %
Rated,12h cycle	
LSF EM 8000h Rated,	99 %
12h cycle	
LSF EM 6000h Rated,	99 %
12h cycle	
LSF EM 4000h Rated,	99 %
12h cycle	
LSF EM 2000h Rated,	99 %
12h cycle	

• Light Technical Characteristics

Color Code	634 [CCT of 3400K]
Color Rendering Index	60 Ra8
Color Designation (text)	Warm White
Color Temperature	3400 K
Chromaticity Coordinate X	405 -
Chromaticity Coordinate Y	383 -

Lumen Maintenance 2000h	95 %
Lumen Maintenance 5000h	92 %
Lum Efficacy Rated EM 25°C	40 Lm/W
LLMF EM 20000h Rated	74 %
LLMF EM 16000h Rated	77 %
LLMF EM 12000h Rated	80 %
LLMF EM 8000h Rated	86 %
LLMF EM 6000h Rated	90 %
LLMF EM 4000h Rated	93 %
LLMF EM 2000h Rated	95 %
Luminous Flux EM 25°C, Rated	2000 Lm

• Electrical Characteristics

Lamp Wattage	50 W
Lamp Voltage	95 V
Lamp Current EM	0.61 A
Dimmable	No
Lamp Wattage EM 25°C, Rated	50 W
Lamp Wattage EM 25°C, Nominal	50 W

PHILIPS

sense and simplicity

HPL 4

• Environmental Characteristics

Mercury (Hg) Content 12 mg

• Luminaire Design Requirements

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

• Product Dimensions

Overall Length C 129 (max) mm
Diameter D 56 (max) mm

• Product Data

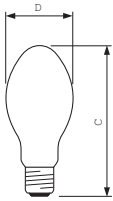
Order code 928090206891

Full product code 928090206891
Full product name HPL 4 50W/634 E27 SG 1SL
Order product name HPL 4 50W/634 E27 SG 1SL/24
Pieces per pack 1
Packing configuration 24
Packs per outerbox 24
Bar code on pack - EAN1 8711500203922
Bar code on outerbox - EAN3 8711500203939
Logistic code(s) - 12NC 928090206891
ILCOS code QE-50/34/2B-H-E27
Net weight per piece 21.000 gr

Warnings and Safety

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

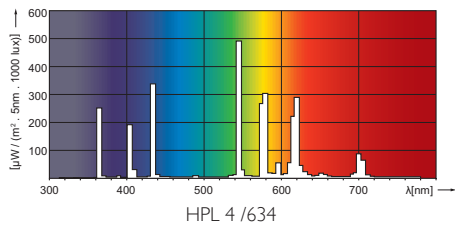
Dimensional drawing



HPL 4, E27

Product	C (Max)	D (Max)
HPL 4 50W/634 E27 SG	129	56

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