



HPL Comfort

HPL Comfort 125W/534 E27 SG SLV

High pressure mercury lamp with improved color properties and light output

Product data

• General Characteristics

Cap-Base	E27
Bulb	B75 [B 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 12000h	80 %
Rated,12h cycle	
LSF EM 16000h	68 %
Rated,12h cycle	
LSF EM 20000h	50 %
Rated,12h cycle	
LSF EM 2000h Rated,	99 %
12h cycle	
LSF EM 4000h Rated,	98 %
12h cycle	
LSF EM 6000h Rated,	95 %
12h cycle	
LSF EM 8000h Rated,	92 %
12h cycle	

• 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	

• Environmental Characteristics

Mercury (Hg)	19 mg
Content	

• Light Technical Characteristics

Color Code	534 [CCT of 3400K]
Color Rendering	55 Ra8
Index	
Color Designation	White
(text)	
Color Temperature	3400 K
Chromaticity Coordinate X	408 -
Chromaticity Coordinate Y	385 -
Luminous Flux Lamp	6200 Lm
EM	
Lumen Maintenance	90 %
2000h	
Lumen Maintenance	85 %
5000h	
Lum Efficacy Rated	54 Lm/W
EM 25°C	
LLMF EM 20000h	72 %
Rated	
LLMF EM 16000h	76 %
Rated	
LLMF EM 12000h	79 %
Rated	
LLMF EM 8000h	83 %
Rated	
LLMF EM 6000h	84 %
Rated	
LLMF EM 4000h	86 %
Rated	

PHILIPS

sense and simplicity

HPL Comfort

LLMF EM 2000h Rated
Luminous Flux EM 25°C, Rated

88 %
6700 Lm

• Product Dimensions

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

• Luminaire Design Requirements

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

• Product Data

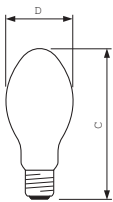
Order code 928052006691

Full product code 928052006691
Full product name HPL Comfort 125W/534 E27 SG SLV
Order product name HPL Comfort 125W/534 E27 SG SLV/24
Pieces per pack 1
Packing configuration 24
Packs per outerbox 24
Bar code on pack - EAN1 8711500180995
Bar code on outerbox - EAN3 8711500181008
Logistic code(s) - 12NC 928052006691
ILCOS code QE-125/34/3-H-E27
Net weight per piece 20.750 gr

Warnings and Safety

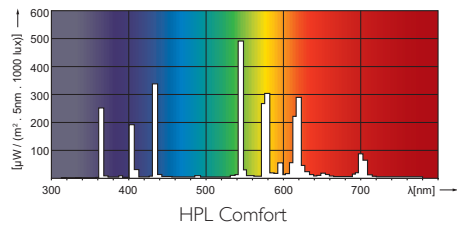
- For use with control gear designed for high-pressure mercury lamps

Dimensional drawing



Product	C (Max)	D (Max)
HPL Comfort 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

- Nominal and rated lamp wattage;
 - Nominal and rated lamp luminous flux;
 - Rated lamp efficacy at 100 h in standard conditions.
 - 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;
 - 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;
 - Lamp mercury content as XX mg;
 - Colour Rendering Index (Ra) of the lamp;
 - Colour temperature of the lamp;
 - 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

2011, June 16
data subject to change