



HPL-N

HPL-N 80W/542 E27 SG 1SL/24

Standard High Pressure Mercury lamp

Product data

General Information	
Cap-Base	E27 [E27]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life to 5% Failures (Nom)	6000 h
Life to 20% Failures (Nom)	10000 h
Life to 50% Failures (Nom)	16000 h
LSF 2000 h Rated	99 %
LSF 4000 h Rated	98 %
LSF 6000 h Rated	95 %
LSF 8000 h Rated	92 %
LSF 12000 h Rated	80 %
LSF 16000 h Rated	68 %
LSF 20000 h Rated	50 %
Light Technical	
Color Code	542 [CCT of 4200K]
Luminous Flux (Rated) (Nom)	3600 lm
Color Designation	Cool White (CW)
Lumen Maintenance 2000 h (Min)	82 %
Lumen Maintenance 2000 h (Nom)	92 %
Lumen Maintenance 5000 h (Min)	80 %
Lumen Maintenance 5000 h (Nom)	90 %
Chromaticity Coordinate X (Nom)	370
Chromaticity Coordinate Y (Nom)	366
Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (rated) (Nom)	44.5 lm/W

Color Rendering Index (Nom)	45
LLMF 2000 h Rated	92 %
LLMF 4000 h Rated	91 %
LLMF 6000 h Rated	89 %
LLMF 8000 h Rated	88 %
LLMF 12000 h Rated	85 %
LLMF 16000 h Rated	80 %
LLMF 20000 h Rated	76 %

Operating and Electrical	
Power (Rated) (Nom)	80.0 W
Lamp Current (EM) (Nom)	0.8 A
Ignition Supply Voltage (Max)	170 V
Voltage (Max)	125 V
Voltage (Min)	105 V
Voltage (Nom)	115 V

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Coated glass
Bulb Material	Soft Glass

Approval and Application	
Energy Efficiency Label (EEL)	B

HPL-N

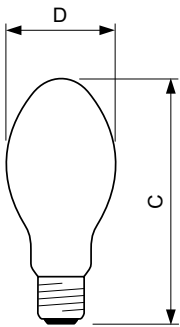
Mercury (Hg) Content (Nom)	14.0 mg
Energy Consumption kWh/1000 h	88 kWh
Luminaire Design Requirements	
Bulb Temperature (Max)	350 °C
Cap-Base Temperature (Max)	200 °C
Product Data	
Full product code	871150017997530
Order product name	HPL-N 80W/542 E27 SG 1SL/24

EAN/UPC - Product	8711500179975
Order code	928051007360
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	24
Material Nr. (12NC)	928051007360
Net Weight (Piece)	0.063 kg
ILCOS Code	QE-80/43/3-H-E27

Warnings and Safety

- For use with control gear designed for high-pressure mercury lamps
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

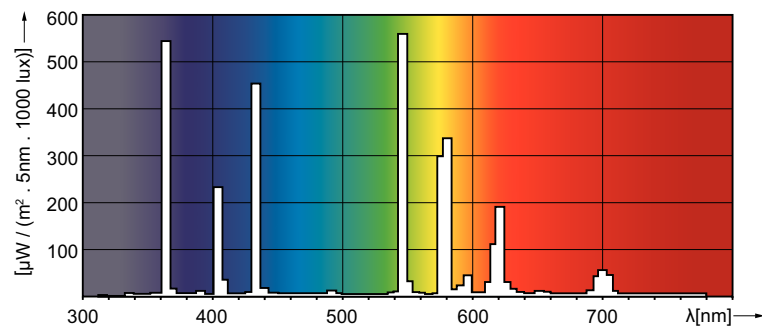
Dimensional drawing



HPL N 80W E27 SG

Product	D (max)	C (max)
HPL-N 80W/542 E27 SG 1SL/24	71 mm	155 mm

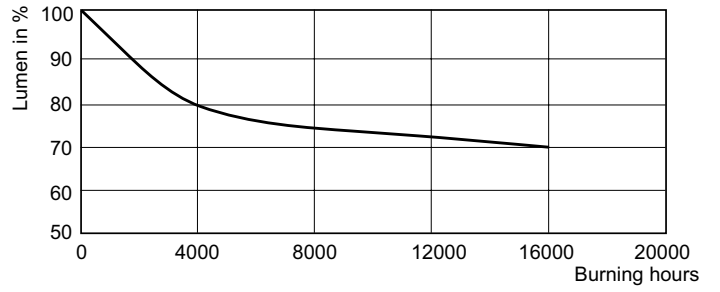
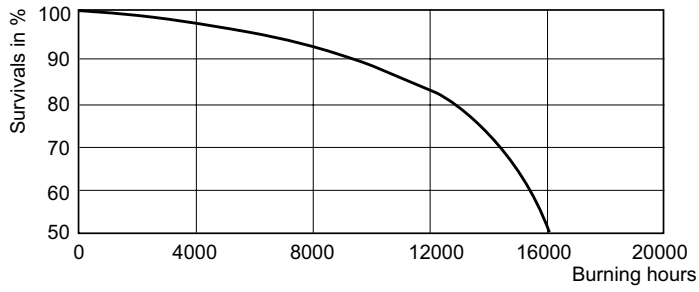
Photometric data



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Lifetime



HPL Life Expectancy

HPL Lumen Maintenance

