



HPL-N

HPL-N 250W/542 E40 HG 1SL

Standard High Pressure Mercury lamp

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.

Product data

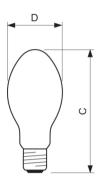
General Information		
Cap-Base	E40 [E40]	
Operating Position	UNIVERSAL [Any or Universal (U)]	
Life to 50% Failures (Nom)	16,000 hour(s)	
Light Technical		
Color Code	542 [CCT of 4200K]	
Color Designation	Cool White (CW)	
Chromaticity Coordinate X (Nom)	381	
Chromaticity Coordinate Y (Nom)	383	
Correlated Color Temperature (Nom)	4100 K	
Luminous Efficacy (rated) (Nom)	51 lm/W	
Color rendering index (CRI)	45	
Operating and Electrical		
Power Consumption	250.0 W	
Voltage (Nom)	135 V	
Voltage (Nom)	135 V	

Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Finish	Coated glass	
Bulb Material	Hard Glass	
Bulb Shape	ED90 [ED 90mm]	
Approval and Application		
Mercury (Hg) Content (Nom)	38 mg	
Energy Consumption kWh/1000 h	275 kWh	
Product Data		
Order product name	HPL-N 250W/542 E40 HG 1SL	
Full product name	HPL-N 250W/542 E40 HG 1SL	
Full product code	871016314606500	
Order code	928053007499	
Material Nr. (12NC)	928053007499	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8710163146065	

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Numerator - Packs per outer box	9
EAN/UPC - Case	8727900077728

Dimensional drawing



Product	D (max)	C (max)
HPL-N 250W/542 E40 HG 1SL	91 mm	226 mm

Photometric data

Lifetime

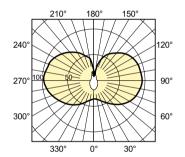
Survivals in % 06 06

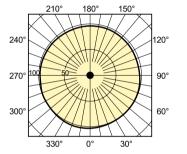
70

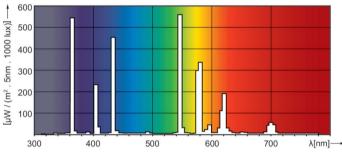
60

50

0

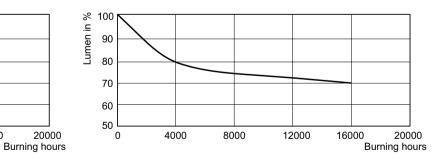






Light Distribution Diagram - HPL-N 250W/542 E40 HG 1SL

Spectral Power Distribution Colour - HPL-N 250W/542 E40 HG 1SL



Life Expectancy Diagram - HPL-N 250W/542 E40 HG 1SL

8000

12000

16000

4000

Lumen Maintenance Diagram - HPL-N 250W/542 E40 HG 1SL

Datasheet, 2023, April 29

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