



# HPL-N

HPL-N 250W E40 HG 1SL

Standard High Pressure Mercury lamp

## Product data

### • General Characteristics

Cap-Base	E40
Bulb	ED90 [ED 90mm]
Bulb Material	Hard Glass
Bulb Finish	Coated
Operating Position	any [Any or Universal (U)]
Life to 5% failures	6000 hr
Life to 20% failures	12000 hr
Life to 50% failures	16000 hr
LSF EM 2000h Rated, 12h cycle	99 %
LSF EM 4000h Rated, 12h cycle	97 %
LSF EM 6000h Rated, 12h cycle	92 %
LSF EM 8000h Rated, 12h cycle	83 %
LSF EM 12000h Rated, 12h cycle	65 %
LSF EM 16000h Rated, 12h cycle	45 %
LSF EM 20000h Rated, 12h cycle	28 %

### • Light Technical Characteristics

Color Code	542 [CCT of 4200K]
Color Rendering Index	45 Ra8
Color Designation (text)	Cool White
Color Temperature	4100 K
Luminous Flux EM 25°C, Rated	12700 Lm
Lum Efficacy Rated EM 25°C	51 Lm/W

Lumen Maintenance 2000h	90 %
Lumen Maintenance 5000h	85 %
LLMF EM 2000h Rated	88 %
LLMF EM 4000h Rated	86 %
LLMF EM 6000h Rated	84 %
LLMF EM 8000h Rated	82 %
LLMF EM 12000h Rated	78 %
LLMF EM 16000h Rated	75 %
LLMF EM 20000h Rated	72 %
Chromaticity Coordinate X	381 -
Chromaticity Coordinate Y	383 -

### • Electrical Characteristics

Lamp Wattage	250 W
Lamp Wattage EM 25°C, Nominal	250.0 W
Lamp Wattage EM 25°C, Rated	250.0 W
Lamp Voltage	135 V
Lamp Current EM	2.1 A
Dimmable	No

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## • Environmental Characteristics

Energy Efficiency Label (EEL)	B
Mercury (Hg) Content	38 mg
Energy consumption kWh/1000h	275 kWh

## • Luminaire Design Requirements

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

## • Product Dimensions

Overall Length C	228 (max) mm
Diameter D	91 (max) mm

## • Product Data

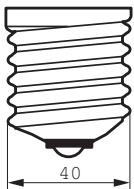
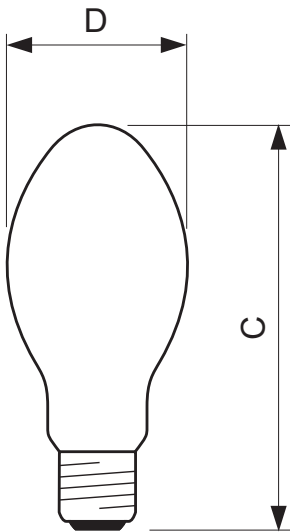
Order code	928053007495
Full product code	928053007495
Full product name	HPL-N 250W/542 E40 HG 1SL
Order product name	HPL-N 250W E40 HG 1CT/12
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8711500214065
Bar code on outerbox - EAN3	8711500214072
Logistic code(s) - 12NC	928053007495
ILCOS code	QE-250/41/3-H-E40
Net weight per piece	0.184 kg

## 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

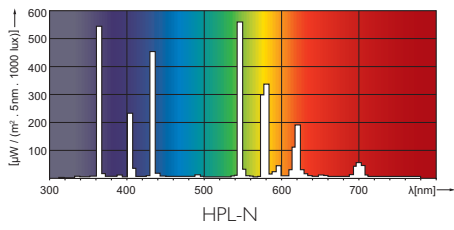


E40

## HPL-N 250W E40 HG 1SL

Product	C (Max)	D (Max)
HPL N 250W E40 HG	226	91

## Photometric data



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2015, August 29  
data subject to change