



HPL-N

HPL-N 400W/542 E40 HG 1SL

Standard High Pressure Mercury lamp

Product data

• General Characteristics

Cap-Base	E40
Bulb	ED120 [ED 120mm]
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	50 Ra8
Color Designation (text)	Cool White
Color Temperature	4200 K
Luminous Flux EM 25°C, Rated	22000 Lm
Lum Efficacy Rated EM 25°C	55 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	384 -
Chromaticity Coordinate Y	384 -

• Electrical Characteristics

Lamp Wattage	400 W
Lamp Wattage EM 25°C, Nominal	400 W
Lamp Wattage EM 25°C, Rated	400 W
Lamp Voltage	140 V
Lamp Current EM	3.25 A
Dimmable	No

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• Environmental Characteristics

Energy Efficiency Label (EEL)	B
Mercury (Hg) Content	72 mg
Energy consumption kWh/1000h	440 kWh

• Luminaire Design Requirements

Cap-Base Temperature	210 (max) C
Bulb Temperature	350 (max) C

• Product Dimensions

Overall Length C	290 (max) mm
Diameter D	122 (max) mm

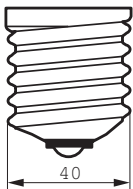
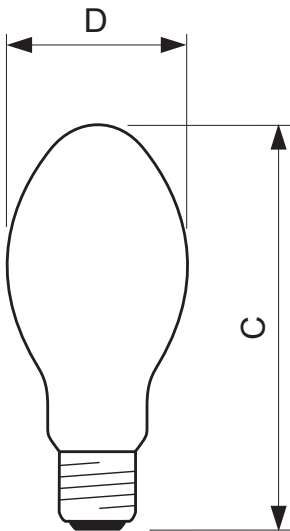
• Product Data

Order code	180452 10
Full product code	871150018045210
Full product name	HPL-N 400W/542 E40 HG 1SL
Order product name	HPL-N 400W/542 E40 HG 1SL/6
Pieces per pack	1
Packing configuration	6
Packs per outerbox	6
Bar code on pack - EAN1	8711500180452
Bar code on outerbox - EAN3	8711500180469
Logistic code(s) - 12NC	928053507422
ILCOS code	QE-400/40/3-H-E40
Net weight per piece	245.000 gr

Warnings and Safety

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

Dimensional drawing

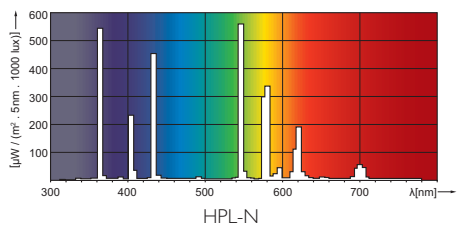


E40

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Product	C (Max)	D (Max)
HPL N 400W E40 HG	290	122

Photometric data



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data subject to change