



# HPL-N

## HPL-N 400W/542 E40 1SL/6

Standard High Pressure Mercury lamp

### Product data

General Information	
Cap-Base	E40 [ E40]
Operating Position	UNIVERSAL [ Any or Universal (U)]
Life to 5% Failures (Nom)	5000 h
Life to 20% Failures (Nom)	10000 h
Life to 50% Failures (Nom)	15000 h
LSF 2000 h Rated	99 %
LSF 4000 h Rated	97 %
LSF 6000 h Rated	92 %
LSF 8000 h Rated	83 %
LSF 12000 h Rated	65 %
LSF 16000 h Rated	45 %
LSF 20000 h Rated	28 %
Light Technical	
Colour Code	542 [ CCT of 4200K]
Luminous Flux (Rated) (Nom)	22000 lm
Colour Designation	Cool White (CW)
Lumen Maintenance 2000 h (Min)	78 %
Lumen Maintenance 2000 h (Nom)	88 %
Lumen Maintenance 5000 h (Min)	75 %
Lumen Maintenance 5000 h (Nom)	85 %
Chromaticity Coordinate X (Nom)	384
Chromaticity Coordinate Y (Nom)	384
Colour Temperature, horizontal (Nom)	3900 K
Luminous Efficacy (rated) (Nom)	55 lm/W

Colour Rendering Index horiz (Nom)	40
Depreciation 2000 hrs	88 %
LLMF 4000 h Rated	86 %
Depreciation 5000 hrs	84 %
LLMF 8000 h Rated	82 %
LLMF 12000 h Rated	78 %
LLMF 16000 h Rated	75 %
LLMF 20000 h Rated	72 %

### Operating and Electrical

Power (Rated) (Nom)	400.0 W
Lamp Current (EM) (Nom)	3.25 A
Ignition Supply Voltage (Max)	170 V
Voltage (Max)	150 V
Voltage (Min)	130 V
Voltage (Nom)	140 V

### Controls and Dimming

Dimmable	No
----------	----

### Mechanical and Housing

Bulb Finish	Coated glass
Bulb Material	Hard Glass

### Approval and Application

Energy Efficiency Label	B
-------------------------	---

# HPL-N

Mercury (Hg) Content (Nom)	72 mg
Energy Consumption kWh/1000 h	440 kWh

## Luminaire Design Requirements

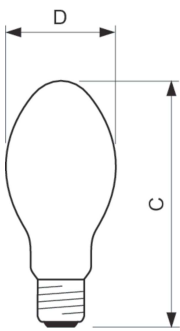
Bulb Temperature (Max)	350 °C
Cap-Base Temperature (Max)	210 °C

## Product Data

Full product code	692059027793100
Order product name	HPL-N 400W/542 E40 1SL/6

EAN/UPC - Product	6920590277931
Order code	27793100
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	928053507493
Net Weight (Piece)	252.000 g
ILCOS Code	QE-400/40/3-H-E40

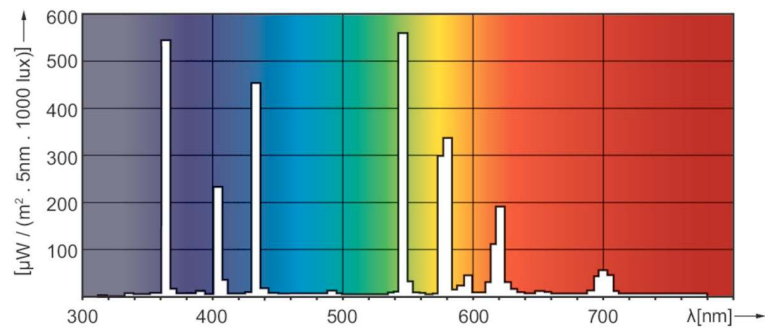
## Dimensional drawing



HPL N 400W E40 HG

Product	D (max)	C (max)
HPL-N 400W/542 E40 1SL/6	122 mm	290 mm

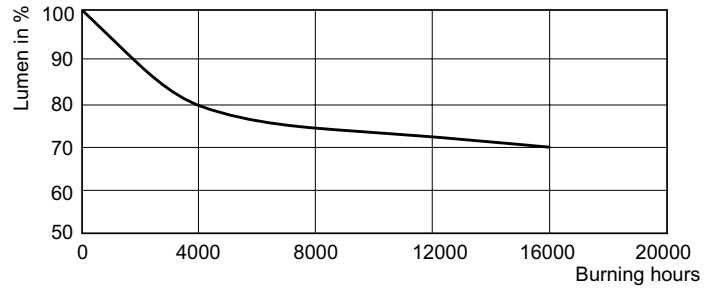
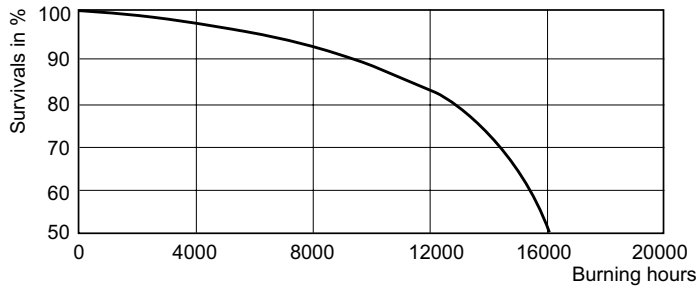
## Photometric data



LDPO\_HPL\_N-Spectral power distribution Colour

# HPL-N

## Lifetime



LDLE\_HPL\_0001-Life expectancy diagram

LDLM\_HPL\_0001-Lumen maintenance diagram

