

PHILIPS

Lighting



HPI-T

HPI-T 1000W/543 E40 1SL/4

Quartz metal halide lamps with clear outer bulb

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- 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]
Burning Position	P [Parallel or Horizontal(HOR)]
Life to 5% failures (nom.)	3000 h
Life to 10% failures (nom.)	5500 h
Life to 20% failures (nom.)	8000 h
Life to 50% failures (nom.)	12000 h
System description	na [-]
Light Technical	
Colour Code	543 [CCT of 4,300 K]
Lamp Luminous Flux (Min)	73890 lm
Lamp Luminous Flux (Nom)	82100 lm
Colour Designation	Cool White (CW)
Lumen maintenance 10,000 hours (nom.)	75 %
Lumen maintenance 2,000 hours (nom.)	87 %
Lumen maintenance 5,000 hours (nom.)	80 %
Chromaticity coordinate X (nom.)	370

Chromaticity coordinate Y (nom.)	380
Colour Temperature, horizontal (Nom)	4300 K
Lamp Luminous Efficacy EM (Nom)	83 lm/W
Colour Rendering Index,horiz (Nom)	57

Operating and Electrical	
Lamp supply voltage	220 V [220]
Power (Rated) (Nom)	990 W
Lamp current run-up (max.)	14.2 A
Lamp current (EM) (nom.)	8.25 A
Ignition supply voltage (max.)	198 V
Ignition supply voltage (min.)	198 V
Ignition time (max.)	30 s
Voltage (Max)	140 V
Voltage (Min)	120 V
Voltage (Nom)	130 V

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Lamp Finish	Clear
Bulb shape	T65 [T 65mm]

Approval and Application

Mercury (Hg) content (nom.)	86 mg
Energy consumption kWh/1,000 hours	1089 kWh

Luminaire Design Requirements

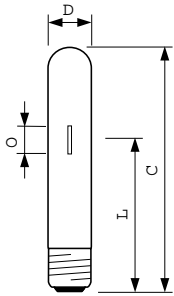
Bulb temperature (max.)	555 °C
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Cap-base temperature (max.)	300 °C
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Product Data

Full product code	871150018373645
Order product name	HPI-T 1000W/543 E40 1SL/4
EAN/UPC – product	8711500183736
Order code	928482600096
SAP numerator – quantity per pack	1
Numerator – packs per outer box	4
SAP material	928482600096
SAP net weight (piece)	0.426 kg

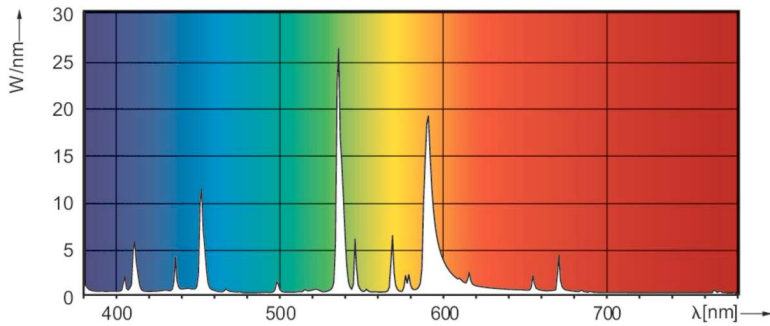
Dimensional drawing



Product	D (max)	O	L	C (max)
HPI-T 1000W/543 E40 1SL/4	66 mm	80 mm	240 mm	382 mm

HPI-T 1000W/543 E40

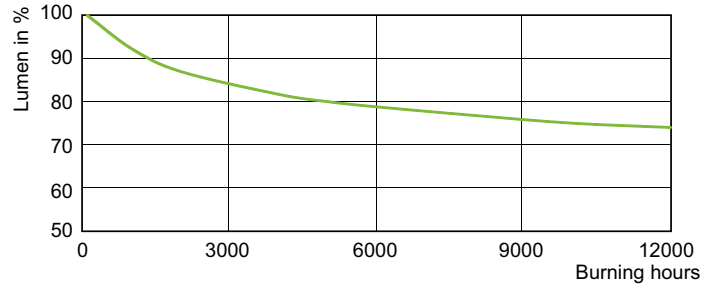
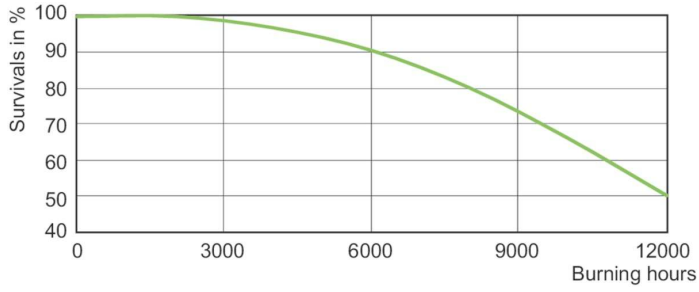
Photometric data



LDPO_HPI-THW-Spectral power distribution Colour

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Lifetime



LDLE_HPI-THW_0003-Life expectancy diagram

LDLM_HPI-THW_0003-Lumen maintenance diagram

