



HPI-T

HPI-T 2000W/542 E40 380V 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]
Operating position	P20 [Parallel +/-20D 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	High Output (HO)
Light Technical	
Colour Code	542 [CCT of 4,200 K]
Luminous flux (rated) (min.)	180000 lm
Luminous flux (rated) (nom.)	200000 lm
Colour designation	Cool White (CW)
Lumen maintenance 10,000 hours (nom.)	75 %
Lumen maintenance 2,000 hours (nom.)	90 %
Lumen maintenance 5,000 hours (nom.)	80 %
Chromaticity coordinate X (nom.)	387

Chromaticity coordinate Y (nom.)	403
Correlated Colour Temperature (Nom)	3800 K
Luminous efficacy (rated) (nom.)	101 lm/W
Colour rendering index (nom.)	59
Operating and Electrical	
Lamp supply voltage	380 V [380]
Power (Rated) (Nom)	1980 W
Lamp current run-up (max.)	15.3 A
Lamp current (EM) (nom.)	9.1 A
Ignition peak voltage (max.)	5000 V
Ignition supply voltage (min.)	342 V
Ignition time (max.)	30 s
Voltage (Max)	247 V
Voltage (Min)	217 V
Voltage (Nom)	232 V

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Lamp Finish	Clear
Bulb shape	T100 [T 100mm]

Approval and Application

Mercury (Hg) content (nom.)	256 mg
Energy consumption kWh/1,000 hours	2178 kWh

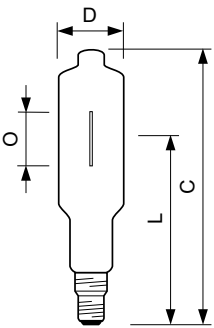
Luminaire Design Requirements

Bulb temperature (max.)	600 °C
Cap-base temperature (max.)	300 °C

Product Data

Full product code	871150020235245
Order product name	HPI-T 2000W/542 E40 380V 1SL/4
EAN/UPC – product	8711500202352
Order code	20235245
Local order code	4152000HPITN
SAP numerator – quantity per pack	1
Numerator – packs per outer box	4
SAP material	928074209228
SAP net weight (piece)	586.000 g
ILCOS code	MT-2000/42/2B-H-E40-/H

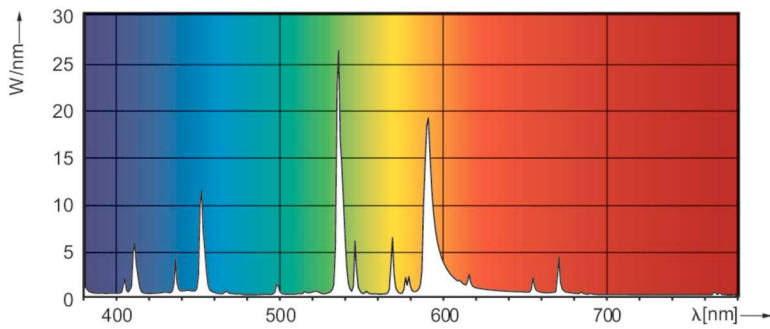
Dimensional drawing



HPI-T 2000W/542 HO E40 380V

Product	D (max)	O	L	C (max)
HPI-T 2000W/542 E40 380V 1SL/4	101.5 mm	120 mm	267 mm	430 mm

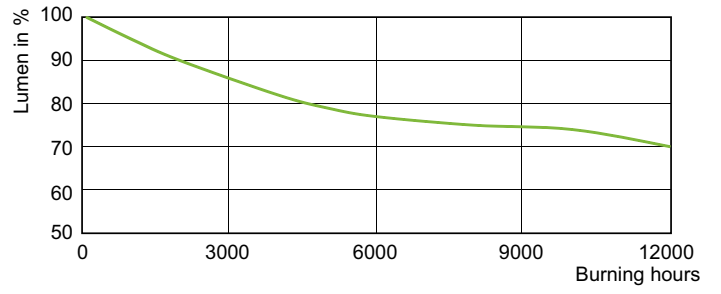
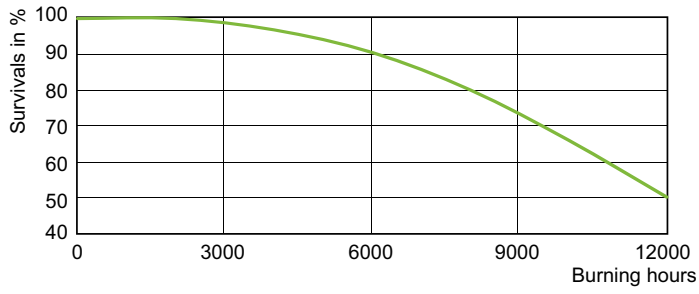
Photometric data



LDPO_HPI-THW-Spectral power distribution Colour

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Lifetime



LDLE_HPI-THW_0002-Life expectancy diagram

LDLM_HPI-THW_0002-Lumen maintenance diagram

