HPI-T

HPI-T 2000W/642 E40 380V CRP

Quartz metal halide lamps with clear outer bulb

Product data

• Product Data

Order code	202352 45
Full product code	871150020235245
Full product name	HPI-T 2000W/642 E40 380V CRP
Order product name	HPI-T 2000W/642 E40 380V CRP/4
Pieces per pack	1
Packing configuration	4
Packs per outerbox	4
Bar code on pack - EAN1	8711500202352
Bar code on outerbox - EAN3	8711500202369
Logistic code(s) - 12NC	928074209228
ILCOS code	MT-2000/42/2B-H-E40-/H
Net weight per piece	0.616 kg

• General Characteristics

System Description	High Output
Cap-Base	GES [GES]
Bulb	T100 [T 100mm]
Bulb Finish	Clear
Burning Position	p20 [Parallel +/-20D or Horizontal(HOR)]
Life to 5% failures	3000 hr
Life to 10% failures	5500 hr
Life to 20% failures	8000 hr
Life to 50% failures	12000 hr

• Electrical Characteristics

Lamp Wattage	2000 W
Lamp Wattage EM	1955 W
Voltage	380 V
Lamp Voltage	232 V
Lamp Current EM	9.1 A
Dimmable	no

• Environmental Characteristics

Mercury (Hg) Content	256 mg

• Light Technical Characteristics

Colour Code	642 [CCT of 4200K]
Colour Rendering Index	65 Ra8
Colour Designation	Cool White
Colour Temperature	3800 K
Colour Temperature Technical	3800 K
Chromaticity Coordinate X	397 -
Chromaticity Coordinate Y	403 -
Lamp Luminous Flux EM	210000 Lm
Lamp Luminous Efficacy EM	107 Lm/W
Lumen Maintenance 2000h	90 %
Lumen Maintenance 5000h	80 %
Lumen Maintenance 10000h	75 %
Average Luminance EM	930 cd/cm2
Lumen Maintenance 1500h	92 %

PHILIPS

sense and simplicity

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- Product Dimensions

Overall Length C	430 mm
Diameter D	101.5 mm
Light Center Length L	267 mm
Arc Length O	120 mm

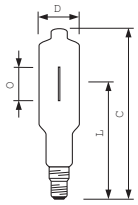
- Luminaire Design Requirements

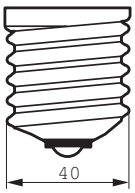
Cap-Base Temperature	300 C
Bulb Temperature	600 C

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

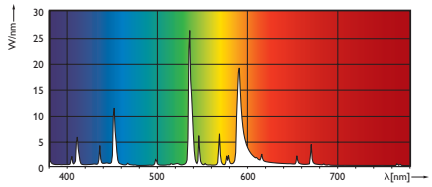
Dimensional drawing





Product	C (Max)	D (Max)	L (Norm)	O (Norm)
HPI-T 2000W/642 HO E40 380V	430	101.5	267	120

Photometric data



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Lamps being part of this product family comply with Commission Regulation (EC) No 245/2009 – Ecodesign requirements, applicable from 13 April 2010.
1.3 Product information requirements on lamps
a) Nominal and rated lamp wattage;
b) Nominal and rated lamp luminous flux;
c) Rated lamp efficacy at 100 h in standard conditions.
d) Rated lamp Lumen Maintenance Factor at 2000 h, 4000 h, 6000 h, 8000 h, 12000 h, 16000 h and 20000 h (up to 8000 h only for new lamps on the market where no data is yet available), indicating which operation mode of the lamp was used for the test if both 50 Hz and High Frequency operation are possible;
e) Rated lamp Survival Factor at 2000 h, 4000 h, 6000 h, 8000 h, 12000 h, 16000 h and 20000 h (up to 8000 h only for new lamps on the market where no data is yet available), indicating which operation mode of the lamp was used for the test if both 50 Hz and High Frequency operation are possible;
f) Lamp mercury content as X.X mg;
g) Colour Rendering Index (Ra) of the lamp;
h) Colour temperature of the lamp;
i) Ambient temperature inside the luminaire at which the lamp was designed to maximise its luminous flux. If this temperature is equal to or lower than 0 °C or equal to or higher than 50 °C it shall be stated that the lamp is not suitable for indoor use at standard room temperatures;
For more information see http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2009:076:0017:0044:EN:PDF

www.philips.com/lighting

2011, April 11
data subject to change