



HPI-T

HPI-T 2000W/542 E40 380V 1SL

Quartz metal halide lamps with clear outer bulb

Product data

• General Characteristics

System Description	High Output
Cap-Base	E40
Bulb	T100 [T 100mm]
Bulb Finish	Clear
Operating 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

• Light Technical Characteristics

Color Code	542 [CCT of 4200K]
Color Rendering Index	65 Ra8
Color Designation (text)	Cool White
Color Temperature	3800 K
Color Temperature Technical	3800 K
Luminous Flux Lamp EM	210000 Lm
Luminous Efficacy Lamp EM	107 Lm/W
Lumen Maintenance 1500h	92 %
Lumen Maintenance 2000h	90 %
Lumen Maintenance 5000h	80 %
Lumen Maintenance 10000h	75 %
Luminance Average EM	930 cd/cm ²

Chromaticity Coordinate X	387 -
Chromaticity Coordinate Y	403 -

• Electrical Characteristics

Lamp Wattage	2000 W
Lamp Wattage EM 25°C, Nominal	2000.0 W
Lamp Wattage EM 25°C, Rated	1955.0 W
Voltage	380 V
Lamp Voltage	232 V
Lamp Current EM	9.1 A
Ignition Time	30 (max) s
Dimmable	No

• Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	256 mg
Energy consumption kWh/1000h	2150 kWh

• Luminaire Design Requirements

Cap-Base Temperature	300 (max) C
Bulb Temperature	600 (max) C

• Product Dimensions

Overall Length C	430 (max) mm
Diameter D	101.5 (max) mm

PHILIPS

HPI-T

Light Center Length L 267 mm
Arc Length O 120 mm

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 572.300 gr

• Product Data

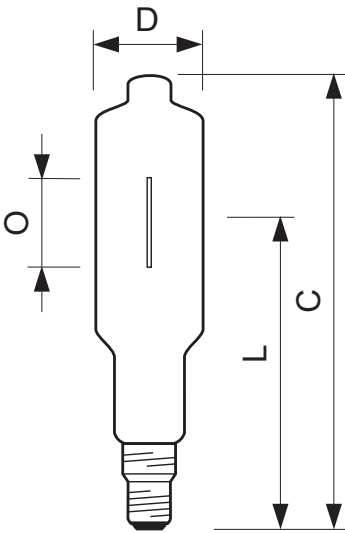
Order code 928074209228
Full product code 928074209228
Full product name HPI-T 2000W/542 E40 380V 1SL
Order product name HPI-T 2000W/542 E40 380V 1SL/4
Pieces per pack 1

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)

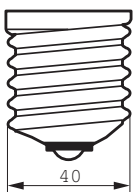
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- For use with control gear designed for high-pressure mercury lamps

Dimensional drawing



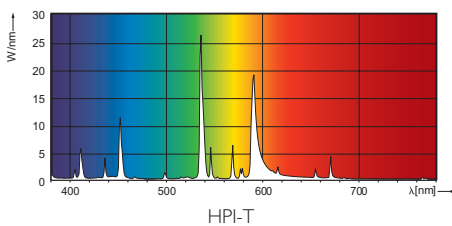
HPI-T 2000W/542 E40 380V 1SL

Product	C (Max)	D (Max)	L (Norm)	O (Norm)
HPI-T 2000W/542 HO E40 380V	430	101.5	267	120



E40

Photometric data





© 2014 Koninklijke Philips N.V. (Royal Philips)
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of
Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2014, April 11
data subject to change