



# HPI-T

HPI-T 2000W/646 E40 220V 1SL

Quartz metal halide lamps with clear outer bulb

## Product data

### • General Characteristics

System Description	-
Cap-Base	E40
Bulb	T100 [T 100mm]
Bulb Finish	Clear
Operating Position	p75 [Parallel +/-75D 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	646 [CCT of 4600K]
Color Rendering Index	65 Ra8
Color Designation (text)	Cool White
Color Temperature	4200 K
Color Temperature Technical	4200 K
Luminous Flux Lamp EM	189000 Lm
Luminous Efficacy Lamp EM	96 Lm/W
Lumen Maintenance 1500h	80 %
Lumen Maintenance 2000h	77 %
Lumen Maintenance 5000h	67 %
Lumen Maintenance 10000h	60 %
Luminance Average EM	1000 cd/cm <sup>2</sup>

Chromaticity Coordinate X	375 -
Chromaticity Coordinate Y	385 -

### • Electrical Characteristics

Lamp Wattage	2000 W
Lamp Wattage EM 25°C, Nominal	2000.0 W
Lamp Wattage EM 25°C, Rated	1960.0 W
Voltage	220 V
Lamp Voltage	130 V
Lamp Current EM	16.5 A
Ignition Time	30 (max) s
Dimmable	No

### • Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	155 mg
Energy consumption kWh/1000h	2156 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	102 (max) mm

**PHILIPS**

# HPI-T

Light Center Length L 290 mm  
Arc Length O 89 mm

Packing configuration 4  
Packs per outerbox 4  
Bar code on pack - EAN1 8711500183767  
Bar code on outerbox - EAN3 8711500183774  
Logistic code(s) - 12NC 928073609231  
ILCOS code MT-2000/46/2B-H-E40-/H  
Net weight per piece 0.813 kg

## • Product Data

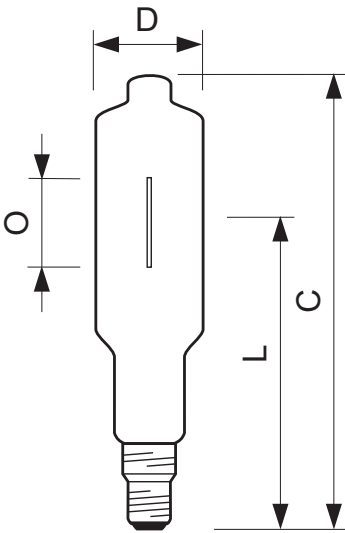
Order code 928073609231  
Full product code 928073609231  
Full product name HPI-T 2000W/646 E40 220V 1SL  
Order product name HPI-T 2000W/646 E40 220V 1SL/4  
Pieces per pack 1

## Warnings and Safety

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

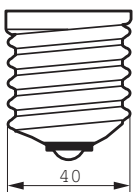
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- For use with control gear designed for high-pressure mercury lamps

## Dimensional drawing



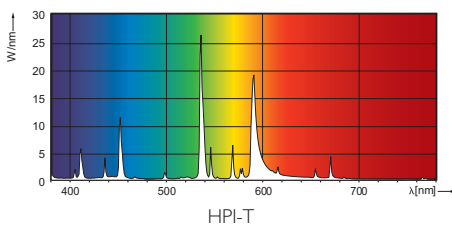
## HPI-T 2000W/646 E40 220V 1SL

Product	C (Max)	D (Max)	L (Norm)	O (Norm)
HPI-T 2000W/646 E40 220V	430	101.5	290	89



E40

## Photometric data





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2013, October 9  
data subject to change