



# HPI-T

HPI-T 2000W/642 E40 380V CRP

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	642 [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 <sup>2</sup>

Chromaticity Coordinate X	397 -
Chromaticity Coordinate Y	403 -

### • Electrical Characteristics

Lamp Wattage	2000 W
Lamp Wattage EM	1955 W
Voltage	380 V
Lamp Voltage	232 V
Lamp Current EM	9.1 A
Ignition Time	30 (max) s
Dimmable	No

### • Environmental Characteristics

Mercury (Hg) Content	256 mg
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### • 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
Light Center Length L	267 mm
Arc Length O	120 mm

### • Product Data

Order code	928074209228
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**PHILIPS**

# HPI-T

Full product code 928074209228  
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

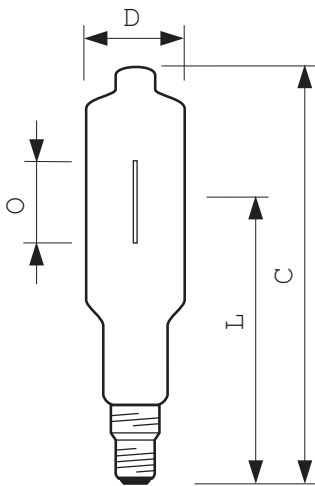
Bar code on outerbox - EAN3 8711500202369  
Logistic code(s) - 12NC 928074209228  
ILCOS code MT-2000/42/2B-H-E40-/H  
Net weight per piece 0.616 kg

## Warnings and Safety

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

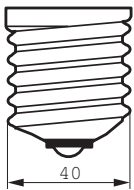
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- For use with control gear designed for high-pressure mercury lamps

## Dimensional drawing



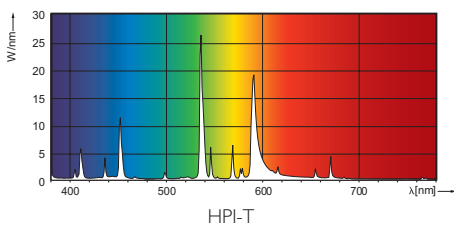
## HPI-T 2000W/642 E40 380V CRP

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



E40

## Photometric data





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data subject to change