

**PHILIPS**

**Lighting**



# Product Description

## HPI-T

Quartz metal halide lamps with clear outer bulb

### Benefits

- High safety and comfort level, maintained over life
- Minimal maintenance cost

### Features

- Clear tubular outer bulb
- Unique 3-band technology resulting in high luminous efficacy, both initially and over long lifetime
- Renders a natural white colour appearance and good colour stability

### Application

- Sports lighting, floodlighting of buildings and monuments, area lighting e.g. harbours and building sites

### 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.

## Versions

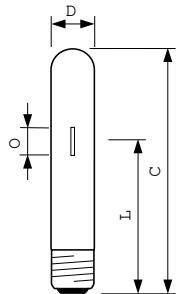


HPI-T 1000W E40

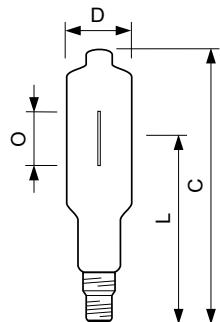


LPPR HPI-THW 2000W

## Dimensional drawing



Product	D (max)	O	L	C (max)
HPI-T 1000W/543 E40 1SL/4	66 mm	80 mm	240 mm	382 mm



Product	D (max)	O	L	C (max)
HPI-T 2000W/542 E40 380V 1SL/4	101.5 mm	120 mm	267 mm	430 mm
HPI-T 2000W/646 E40 220V CRP/4	101.5 mm	89 mm	290 mm	430 mm

General Information	
Cap base	E40
Light Technical	
Colour designation	Cool White (CW)
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear

## General Information

Order Code	Full Product Name	Operating position	Order Code	Full Product Name	Operating position
18373645	HPI-T 1000W/543 E40 1SL/4	P	20235245	HPI-T 2000W/542 E40 380V 1SL/4	P20
18376745	HPI-T 2000W/646 E40 220V CRP/4	P75			

## Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Correlated Colour	Colour rendering	Luminous efficacy (rated)
		Coordinate X (Nom)	Coordinate Y (Nom)	Temperature (Nom)	index (CRI)	(nom.)
18373645	HPI-T 1000W/543 E40 1SL/4	370	380	4300 K	57	83 lm/W
18376745	HPI-T 2000W/646 E40 220V CRP/4	375	385	4200 K	63	95 lm/W
20235245	HPI-T 2000W/542 E40 380V 1SL/4	387	403	3800 K	59	101 lm/W

## Operating and Electrical

Order Code	Full Product Name	Voltage (nom.)	Power Consumption	Order Code	Full Product Name	Voltage (nom.)	Power Consumption
18373645	HPI-T 1000W/543 E40 1SL/4	130 V	990 W	20235245	HPI-T 2000W/542 E40 380V 1SL/4	232 V	1,980 W
18376745	HPI-T 2000W/646 E40 220V CRP/4	130 V	1,980 W				

## Mechanical and Housing

Order Code	Full Product Name	Bulb shape	Order Code	Full Product Name	Bulb shape
18373645	HPI-T 1000W/543 E40 1SL/4	T65	20235245	HPI-T 2000W/542 E40 380V 1SL/4	T100
18376745	HPI-T 2000W/646 E40 220V CRP/4	T100			

## Approval and Application

Order Code	Full Product Name	Energy consumption	Mercury (Hg)	Order Code	Full Product Name	Energy consumption	Mercury (Hg)
		kWh/1,000 hours	content (nom.)			kWh/1,000 hours	content (nom.)
18373645	HPI-T 1000W/543 E40 1SL/4	1,089 kWh	86 mg	20235245	HPI-T 2000W/542 E40 380V	2,178 kWh	256 mg
18376745	HPI-T 2000W/646 E40 220V CRP/4	2,178 kWh	155 mg		1SL/4		

