



# 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.

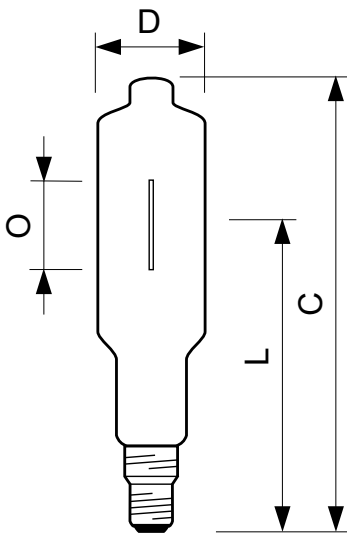
**PHILIPS**

Related products



HPI-T, 2000W, E40

Dimensional drawing



HPI-T, 1000W, E40

HPI-T 2000W/542 HO E40 380V

Product	D	O	L	C
HPI-T 2000W/542 E40 380V 1SL/4	101.5 mm	120 mm	267 mm	430 mm

General Information

order code	Bulb Shape	Cap-Base	Life To 10% Failures (Nom)	Life To 20% Failures (Nom)	Life To 50% Failures (Nom)	Life To 5% Failures (Nom)	Operating Position	System Description
18376745	T100	E40	5500	8000	12000	3000	P75	na
20235245	T100	E40	5500	8000	12000	3000	P20	High Output (HO)
18373645	T65	E40	5500	8000	12000	3000	P	na

## Light Technical (1/2)

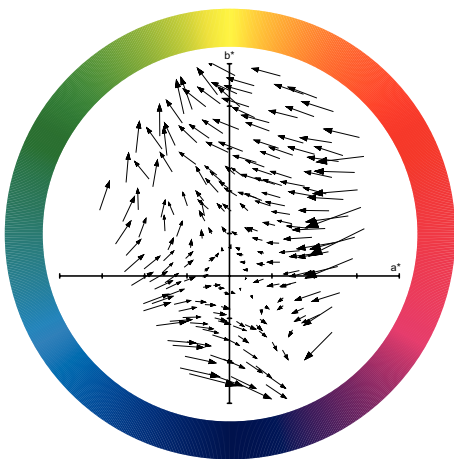
order code	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Designation	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)	Lumen Maintenance 10000 h (Nom)	Lumen Maintenance 2000 h (Nom)	Lumen Maintenance 5000 h (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Rated) (Min)
18376745	375	385	Cool White (CW)	4200	65	60	77	67	96	182000
20235245	387	403	Cool White (CW)	3800	65	75	90	80	107	195000
18373645	370	380	Cool White (CW)	4300	57	75	87	80	86	79000

## Light Technical (2/2)

order code	Luminous Flux (Rated) (Nom)
18376745	189000
20235245	210000

order code	Luminous Flux (Rated) (Nom)
18373645	85000

## Light technical



## Operating and Electrical

order code	Lamp Current (EM) (Nom)	Voltage (Max)	Voltage (Min)	Voltage (Nom)	Power (Rated) (Nom)
18376745	16.5	140	120	220	2000
20235245	9.1	247	217	380	2000
18373645	8.25	140	120	220	1000

## Approval and Application

order code	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)	Mercury (Hg) Content (Nom)
18376745	2156	A+	155
20235245	2150	A+	256
18373645	1084	A	86

## Mechanical and Housing

order code	Bulb Finish
18376745	Clear (CL)
20235245	Clear (CL)
18373645	Clear (CL)

## Luminaire Design Requirements

order code	Bulb Temperature (Max)
18376745	600
20235245	600
18373645	555



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