



Product Description

HPI-T

Quartz metal halide lamps with clear outer bulb

Benefits

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

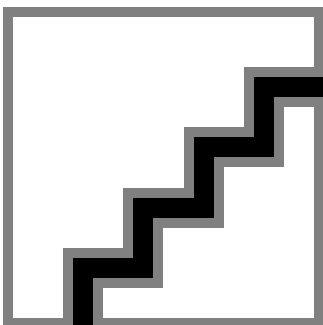
Features

- 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

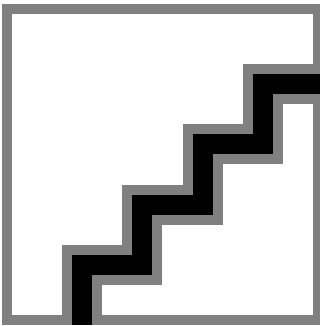
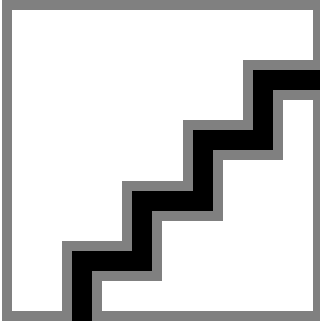
- Sports lighting, floodlighting of buildings and monuments, area lighting e.g. harbours and building sites

Versions



HPI-T

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

Controls and Dimming

Dimmable	no
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General Information

Cap-Base	E40
Life To 10% Failures (Nom)	5500 h
Life To 20% Failures (Nom)	8000 h
Life To 50% Failures (Nom)	12000 h
Life To 5% Failures (Nom)	3000 h

Light Technical

Colour Designation	Cool White (CW)
Lumen Maintenance 10000 h (Nom)	75 %
Lumen Maintenance 5000 h (Nom)	80 %

Mechanical and Housing

Bulb Finish	Clear
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Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)	Mercury (Hg) Content (Nom)
20235245	HPI-T 2000W/542 E40 380V 1SL/4	2151 kWh	A+	256 mg
18373645	HPI-T 1000W/543 E40 1SL/4	1084 kWh	A	86 mg

Operating and Electrical (1/2)

Order Code	Full Product Name	Lamp			
		Current (EM) (Nom)	Voltage (Max)	Voltage (Min)	Voltage (Nom)
20235245	HPI-T 2000W/542 E40 380V 1SL/4	9.1 A	247 V	217 V	232 V

Order Code	Full Product Name	Lamp			
		Current (EM) (Nom)	Voltage (Max)	Voltage (Min)	Voltage (Nom)
18373645	HPI-T 1000W/543 E40 1SL/4	8.25 A	140 V	120 V	130 V

Operating and Electrical (2/2)

Order Code	Full Product Name	Power (Rated) (Nom)
20235245	HPI-T 2000W/542 E40 380V 1SL/4	1955.0 W

Order Code	Full Product Name	Power (Rated) (Nom)
18373645	HPI-T 1000W/543 E40 1SL/4	985.0 W

General Information

Order Code	Full Product Name	Operating	
		Position	System Description
20235245	HPI-T 2000W/542 E40 380V 1SL/4	P20	High Output (HO)

Order Code	Full Product Name	Operating	
		Position	System Description
18373645	HPI-T 1000W/543 E40 1SL/4	P	na

Luminaire Design Requirements

Order Code	Full Product Name	Bulb Temperature (Max)
20235245	HPI-T 2000W/542 E40 380V 1SL/4	600 °C

Order Code	Full Product Name	Bulb Temperature (Max)
18373645	HPI-T 1000W/543 E40 1SL/4	555 °C

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity		Correlated Colour Temperature	
		Coordinate X (Nom)	Coordinate Y (Nom)	Colour Code	Temperature (Nom)
20235245	HPI-T 2000W/542	387	403	542	3800 K

Order Code	Full Product Name	Chromaticity		Correlated Colour Temperature	
		Coordinate X (Nom)	Coordinate Y (Nom)	Colour Code	Temperature (Nom)
	E40 380V 1SL/4				
18373645	HPI-T 1000W/543 E40 1SL/4	370	380	543	4300 K

Light Technical (2/2)

Order Code	Full Product Name	Colour		Luminous Efficacy (rated)	Luminous Flux (Rated)	Luminous Flux (Rated)
		Rendering Index (Nom)	Lumen Maintenance 2000 h (Nom)	(Nom)	(Min)	(Nom)
20235245	HPI-T 2000W/542 E40	59	90 %	107 lm/W	195000 lm	210000 lm

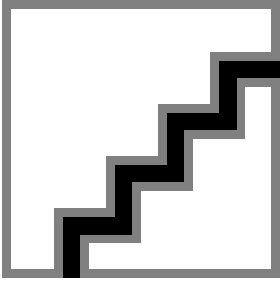
Order Code	Full Product Name	Colour		Luminous Efficacy (rated)	Luminous Flux (Rated)	Luminous Flux (Rated)
		Rendering Index (Nom)	Lumen Maintenance 2000 h (Nom)	(Nom)	(Min)	(Nom)
	380V 1SL/4					
18373645	HPI-T 1000W/543 E40	57	87 %	86 lm/W	79000 lm	85000 lm

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
20235245	HPI-T 2000W/542 E40 380V 1SL/4	T100

Order Code	Full Product Name	Bulb Shape
18373645	HPI-T 1000W/543 E40 1SL/4	T65

Colour Rendering Diagrams



LDCR_HPI-THW_1000W_2000W-Colour rendering diagram

