



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 color appearance and good color 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)
- \cdot The luminaire must be able to contain hot lamp parts if the lamp ruptures
- $\boldsymbol{\cdot}$ 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.

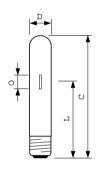
HPI-T

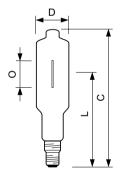
Versions



HPI-T, 1000W, E40

Dimensional drawing





Product	D (max)	0	L	C (max)
HPI-T 1000W/543 E40 1SL/4	66 mm	80 mm	240 mm	382 mm

Product	D (max)	0	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
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	
Color Designation	Cool White (CW)
Lumen Maintenance 10000 h (Nom)	75 %
Lumen Maintenance 5000 h (Nom)	80 %
Mechanical and Housing	
Bulb Finish	Clear

Approval and Application

		Energy Consumption	Energy Efficiency	Mercury (Hg)
Order Code	Full Product Name	kWh/1000 h	Label (EEL)	Content (Nom)
928074209228	HPI-T 2000W/542 E40 380V	2178 kWh	A+	256 mg
	1SL/4			
928482600096	HPI-T 1000W/543 E40 1SL/4	1089 kWh	А	86 mg

Operating and Electrical (1/2)

	-	-									
		Lamp							Lamp	Lamp	Lamp
	Full Product	Current	Voltage	Voltage	Voltage		Full Product		Current	Current Voltage	Current Voltage Voltage
Order Code	Name	(EM) (Nom)	(Max)	(Min)	(Nom)	Order Code	Name		(EM) (Nom)	(EM) (Nom) (Max)	(EM) (Nom) (Max) (Min)
928074209228	HPI-T 2000W/542	9.1 A	247 V	217 V	232 V	928482600096	HPI-T 1000W/54	3	3 8.25 A	3 8.25 A 140 V	3 8.25 A 140 V 120 V
	E40 380V 1SL/4						E40 1SL/4				

Operating and Electrical (2/2)

Order Code	Full Product Name	Power (Rated) (Nom)
928074209228	HPI-T 2000W/542 E40 380V 1SL/4	1980 W

Order Code	Full Product Name	Power (Rated) (Nom)
928482600096	HPI-T 1000W/543 E40 1SL/4	990 W

General Information

		Operating	System
Order Code	Full Product Name	Position	Description
928074209228	HPI-T 2000W/542 E40 380V	P20	НО
	1SL/4		

		Operating	System
Order Code	Full Product Name	Position	Description
928482600096	HPI-T 1000W/543 E40 1SL/4	Р	na

Luminaire Design Requirements

Order Code	Full Product Name	Bulb Temperature (Max)
928074209228	HPI-T 2000W/542 E40 380V 1SL/4	600 °C

Order Code	Full Product Name	Bulb Temperature (Max)
928482600096	HPI-T 1000W/543 E40 1SL/4	555 °C

Light Technical (1/2)

					Correlated
		Chromaticity	Chromaticity		Color
	Full Product	Coordinate X	Coordinate Y	Color	Temperature
Order Code	Name	(Nom)	(Nom)	Code	(Nom)
	Name HPI-T	(Nom) 387	(Nom) 403	Code 542	(Nom) 3800 K

					Correlated
		Chromaticity	Chromaticity		Color
	Full Product	Coordinate X	Coordinate Y	Color	Temperature
Order Code	Name	(Nom)	(Nom)	Code	(Nom)
	E40 380V				
	1SL/4				

					Correlated	
		Chromaticity	Chromaticity		Color	
	Full Product	Coordinate X	Coordinate Y	Color	Temperature	
Order Code	Name	(Nom)	(Nom)	Code	(Nom)	
928482600096	HPI-T	370	380	543	4300 K	
	1000W/543					
	E40 1SL/4					

Light Technical (2/2)

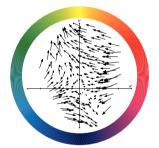
		Color	Lumen	Luminous	Luminous	Luminous			Color	Lumen	Luminous
	Full	Rendering	Maintenance	Efficacy	Flux	Flux		Full	Rendering	Maintenance	Efficacy
	Product	Index	2000 h	(rated)	(Rated)	(Rated)		Product	Index	2000 h	(rated)
Order Code	Name	(Nom)	(Nom)	(Nom)	(Min)	(Nom)	Order Code	Name	(Nom)	(Nom)	(Nom)
928074209228	HPI-T	59	90 %	101 lm/W	180000	200000		380V			
	2000W/				lm	lm		1SL/4			
	542 E40						928482600096	HPI-T	57	87 %	83 lm/W
								1000W/			

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape	Order Code	Full Product Name	Bulb Shape
928074209228	HPI-T 2000W/542 E40 380V 1SL/4	T100	928482600096	HPI-T 1000W/543 E40 1SL/4	T-21

543 E40 1SL/4

Colour Rendering Diagrams



LDCR_HPI-THW_1000W_2000W-Colour rendering diagram

Luminous Luminous Luminous

Flux

(Rated)

(Nom)

Flux

(Rated)

83 lm/W 73890 lm 82100 lm

(Min)

HPI-T



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