



# Product Description

## MASTER HPI-T Plus

Quartz metal halide lamps with clear outer bulb

### Benefits

- High safety and comfort level, maintained over life
- Minimal maintenance cost
- Initial investment saving options with "Plus"-concept

### 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, canopy lighting e.g. petrol stations, horticultural lighting

### 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 or sodium 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.

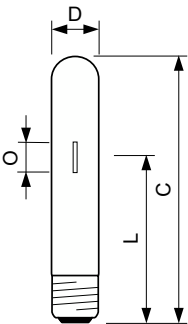
# MASTER HPI-T Plus

## Versions



LPPR HPI-T

## Dimensional drawing



Product	D (max)	O	L	C (max)
MASTER HPI-T Plus 250W/645 E40 1SL	47 mm	29 mm	155 mm	255 mm
MASTER HPI-T Plus 400W/643 CL 1SL	47 mm	30.5 mm	168 mm	286 mm

General Information	
Cap-Base	E40
Operating Position	P20
Light Technical	
Color Designation	Cool White (CW)
Color rendering index (CRI)	65
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T46

## Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Correlated Color	Luminous Efficacy
		Coordinate X (Nom)	Coordinate Y (Nom)	Temperature (Nom)	(rated) (Nom)
928076109299	MASTER HPI-T Plus	365	377	4500 K	84 lm/W

Order Code	Full Product Name	Chromaticity	Chromaticity	Correlated Color	Luminous Efficacy
		Coordinate X (Nom)	Coordinate Y (Nom)	Temperature (Nom)	(rated) (Nom)
	250W/645 E40 1SL				

MASTER HPI-T Plus

Order Code	Full	Chromaticity	Chromaticity	Correlated	Luminous
	Product	Coordinate X	Coordinate Y	Color	Efficacy
	Name	(Nom)	(Nom)	Temperature (Nom)	(rated) (Nom)
928473709299	MASTER HPI-T Plus	369	375	4300 K	90 lm/W

Order Code	Full	Chromaticity	Chromaticity	Correlated	Luminous
	Product	Coordinate X	Coordinate Y	Color	Efficacy
	Name	(Nom)	(Nom)	Temperature (Nom)	(rated) (Nom)
928473709299	MASTER HPI-T Plus	369	375	4300 K	90 lm/W

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928076109299	MASTER HPI-T Plus 250W/645 E40 1SL	128 V	245 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928473709299	MASTER HPI-T Plus 400W/643 CL 1SL	125 V	390 W

Approval and Application

Order Code	Full Product Name	Energy Consumption	Mercury (Hg)
		kWh/1000 h	Content (Nom)
928076109299	MASTER HPI-T Plus 250W/645 E40 1SL	269 kWh	33 mg
928473709299	MASTER HPI-T Plus 400W/643 CL 1SL	429 kWh	-

