



# Product Description

## MASTER HPI-T Plus

Quartz metal halide lamps with clear outer bulb

### Benefits

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

### Features

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

### Application

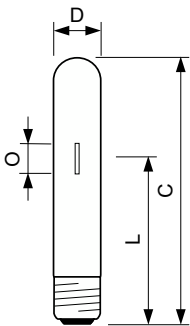
- Sports lighting, floodlighting of buildings and monuments, area lighting e.g. harbours and building sites, canopy lighting e.g. petrol stations, horticultural lighting
- Sports lighting, floodlighting of buildings and monuments, area lighting e.g. harbours and building sites, canopy lighting e.g. petrol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

# MASTER HPI-T Plus

## Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- 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
- 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
- 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.
- 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.

## Dimensional drawing



Product	D (max)	O	L	C (max)
MASTER HPI-T Plus 250W/645 E40 1SL/12	47 mm	29 mm	155 mm	255 mm
MASTER HPI-T Plus 400W/645 E40 1SL/12	47 mm	30.5 mm	168 mm	286 mm

General Information	
Cap-Base	E40
Nominal lifetime	15,000 hour(s)
Operating Position	P20
Light Technical	
Color Designation	Cool White (CW)
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T46

## Light Technical

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
928481300098	MASTER HPI-T Plus 250W/645 E40 1SL/12	338	371	4500 K	58	73 lm/W
928481600096	MASTER HPI-T Plus 400W/645 E40 1SL/12	373	368	4200 K	65	83 lm/W

## Operating and Electrical

## MASTER HPI-T Plus

Order Code	Full Product Name	Voltage (Nom)	Power	
			Consumption	
928481300098	MASTER HPI-T Plus 250W/645 E40 1SL/12	128 V	247 W	

Order Code	Full Product Name	Voltage (Nom)	Power	
			Consumption	
928481600096	MASTER HPI-T Plus 400W/645 E40 1SL/12	125 V	385 W	

### Approval and Application

Order Code	Full Product Name	Energy Consumption	Mercury (Hg)
		kWh/1000 h	Content (Nom)
928481300098	MASTER HPI-T Plus 250W/645 E40 1SL/12	272 kWh	36 mg
928481600096	MASTER HPI-T Plus 400W/645 E40 1SL/12	424 kWh	29.5 mg



