

PHILIPS

Lighting



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

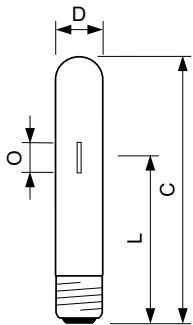
- Sports lighting, floodlighting of buildings and monuments, area lighting e.g. harbours and building sites, canopy lighting e.g. petrol stations, horticultural lighting

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

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		Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
		Coordinate X (Nom)	Coordinate Y (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

Order Code	Full Product Name	Power	
		Voltage (Nom)	Consumption
928481300098	MASTER HPI-T Plus 250W/645 E40 1SL/12	128 V	247 W
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) Content (Nom)
		kWh/1000 h		
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

