# **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 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

### Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- $\boldsymbol{\cdot}$  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 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.

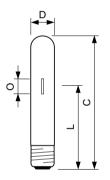
# **MASTER HPI-T Plus**

# Versions



LPPR HPI-T

# Dimensional drawing



General Information	
Cap-Base	E40
Operating Position	P20
Light Technical	
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4500 K
Color rendering index (CRI)	65
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T46

Product	D (max)	0	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

# Light Technical

		Chromaticity	Chromaticity	
		Coordinate X	Coordinate Y	Luminous Efficacy
Order Code	Full Product Name	(Nom)	(Nom)	(rated) (Nom)
17989015	MASTER HPI-T Plus 250W/645	365	377	79 lm/W
	E40 1SL/12			
17990615	MASTER HPI-T Plus 400W/645	361	372	83 lm/W
	E40 1SL/12			

# **Operating and Electrical**

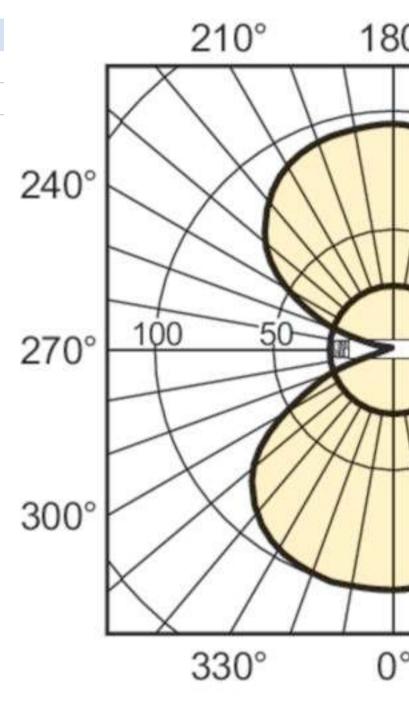
Order Code	e Full Product Name	Voltage (Nom)	Power Consumption
17989015	MASTER HPI-T Plus 250W/645 E40	128 V	247 W
	1SL/12		

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
17990615	MASTER HPI-T Plus 400W/645 E40	125 V	385 W
	1SL/12		

# Approval and Application

# **MASTER HPI-T Plus**

		Energy Consumption	Mercury (Hg)
Order Code	Full Product Name	kWh/1000 h	Content (Nom)
17989015	MASTER HPI-T Plus 250W/645	272 kWh	36 mg
	E40 1SL/12		
17990615	MASTER HPI-T Plus 400W/645	424 kWh	29.5 mg
	E40 1SL/12		





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www.lighting.philips.com 2023, August 2 - data subject to change