# **PHILIPS** Lighting



# **Product Description**

# **MASTER HPI-T Plus**

Quartz metal halide lamps with clear outer bulb

#### Benefits

- $\boldsymbol{\cdot}$  High safety and comfort level, maintained over life
- High safety and comfort level, maintained over life
- Minimal maintenance cost
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- Initial investment saving options with "Plus"-concept
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#### Features

- Clear tubular outer bulb
- $\cdot$  Clear tubular outer bulb
- Unique 3-band technology resulting in high luminous efficacy, both initially and over long lifetime
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- 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
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### **MASTER HPI-T Plus**

#### Warnings and Safety

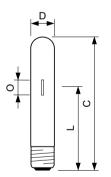
- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
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- $\boldsymbol{\cdot}$  The luminaire must be able to contain hot lamp parts if the lamp ruptures
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- $\cdot$  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.
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#### Versions



LPPR HPI-T

#### **Dimensional drawing**



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

## **MASTER HPI-T Plus**

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	

#### Light Technical

		Chromaticity	Chromaticity	
		Coordinate X	Coordinate Y	Luminous Efficacy
Order Code	Full Product Name	(Nom)	(Nom)	(rated) (Nom)
928481300098	MASTER HPI-T Plus	365	377	79 lm/W
	250W/645 E40 1SL/12			
928481600096	MASTER HPI-T Plus	361	372	83 lm/W
	400W/645 E40 1SL/12			

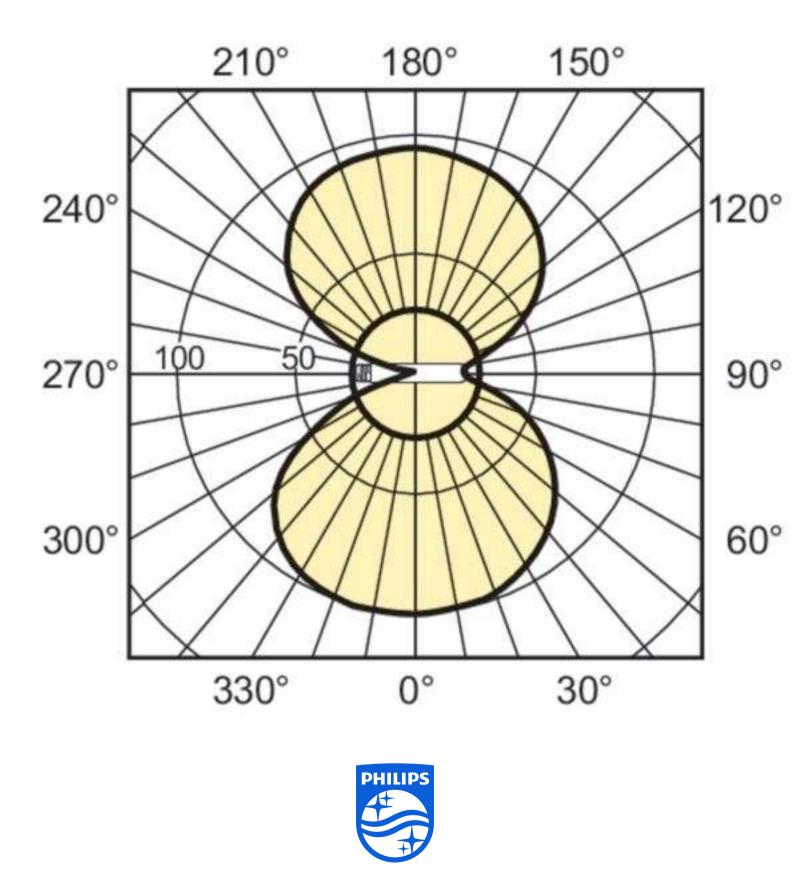
#### **Operating and Electrical**

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

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

#### Approval and Application

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



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