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

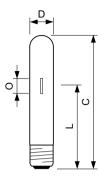
• Sports lighting. floodlighting of buildings and monuments, area lighting e.g. harbours and building sites, canopy lighting e.g. petrol stations, horticultural lighting

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

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) O L C (max) MASTER HPI-T Plus 250W/645 E40 1SL/12 47 mm 29 mm 155 mm 265 mm MASTER HPI-T Plus 400W/645 E40 1SL/12 47 mm 30.5 mm 168 mm 268 mm

Light Technical

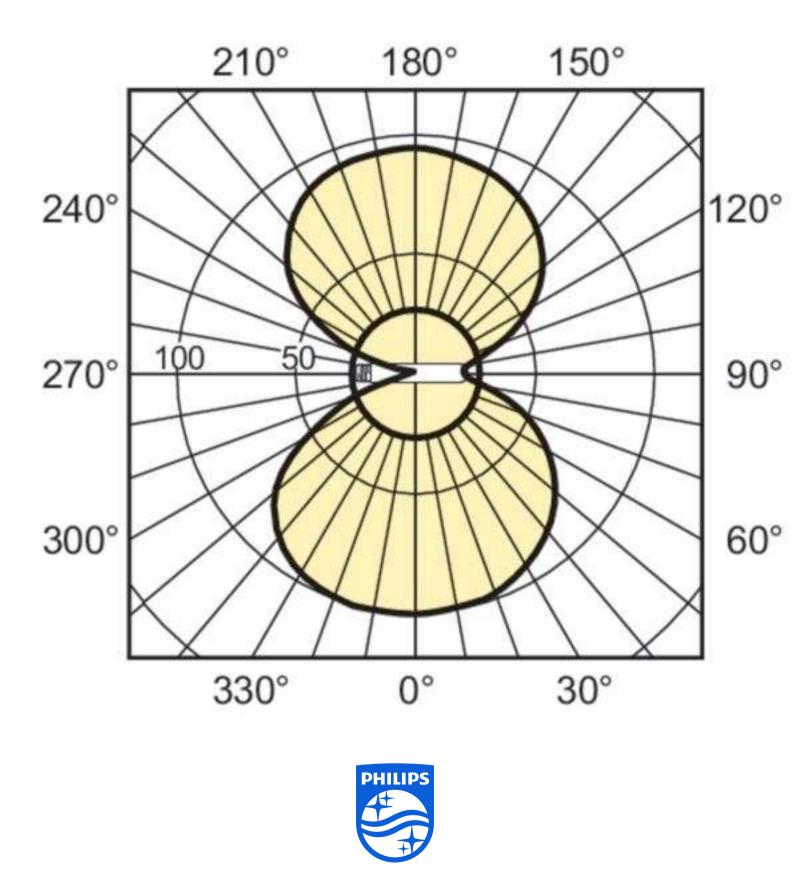
		Chromaticity	Chromaticity	
		Coordinate X	Coordinate Y	Luminous Efficacy
Order Code	Full Product Name	(Nom)	(Nom)	(rated) (Nom)
928481300098	MASTER HPI-T Plus	365	377	79 lm/W
	250W/645 E40 1SL/12			
928481600096	MASTER HPI-T Plus	361	372	83 lm/W
	400W/645 E40 1SL/12			

Operating and Electrical

			Power				Power
Order Code	Full Product Name	Voltage (Nom)	Consumption	Order Code	Full Product Name	Voltage (Nom)	Consumption
928481300098	MASTER HPI-T Plus 250W/645	128 V	247 W	928481600096	MASTER HPI-T Plus 400W/645	125 V	385 W
	E40 1SL/12				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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