



# **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

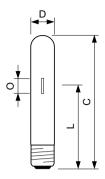
## **Application**

• 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.

# 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

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

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

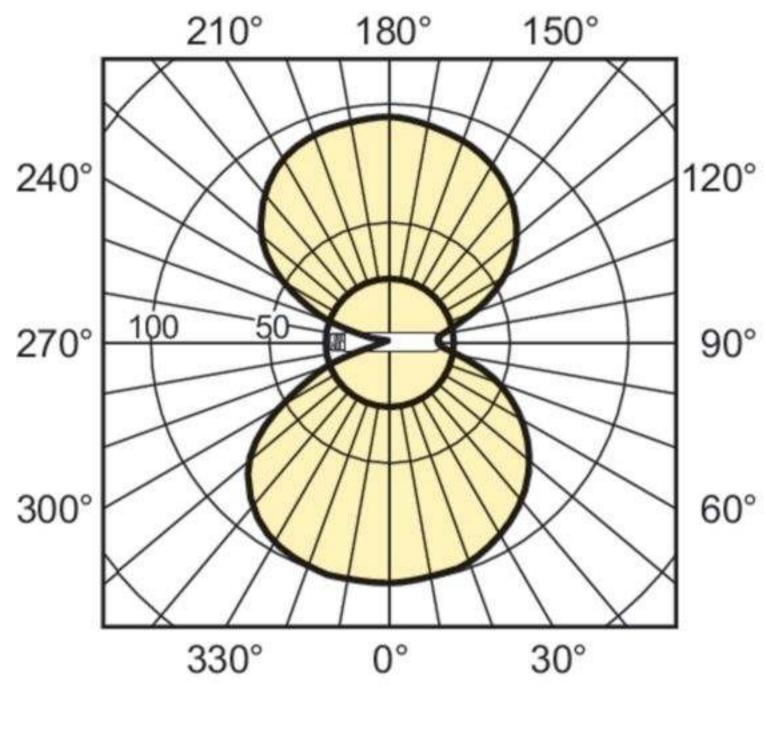
# Operating and Electrical

			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**

		<b>Energy Consumption</b>	Mercury (Hg)	
Order Code	Full Product Name	kWh/1000 h	Content (Nom)	Order
928481300098	MASTER HPI-T Plus	272 kWh	36 mg	92848
	250W/645 E40 1SL/12			

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





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