



Product Description

MASTER HPI Plus

Quartz metal halide lamps with opalized outer bulb

Benefits

- High safety and comfort level, maintained over life
- Minimal maintenance cost
- Initial investment saving options with "Plus"-concept and "S"
- Adjustable atmosphere creation by using appropriate color temperature

Features

- Ovoid, internally white coated outer bulb
- Unique 3-band technology resulting in high luminous efficacy, both initially and over long lifetime
- Available in cool white and daylight color appearance demonstrating good color stability
- "S"-type for direct retrofit for HPL lamps

Application

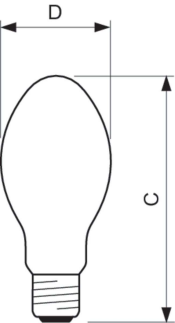
- High bay lighting, e.g. industrial workshops, exhibition halls, hypermarkets, shopping malls, DIY stores, churches, airports and train stations

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 Plus

Dimensional drawing



Product	D (max)	C (max)
MASTER HPI Plus 250W/645 BU E40 1SL/12	91 mm	226 mm
MASTER HPI Plus 250W/667 BU E40 1SL/12	91 mm	226 mm
MASTER HPI Plus 400W/645 BU E40 1SL/6	122 mm	290 mm
MASTER HPI Plus 400W/667 BU E40 1SL/6	122 mm	290 mm

General Information	
Cap-Base	E40
Operating Position	H15
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Coated glass

Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
		Coordinate X (Nom)	Coordinate Y (Nom)				
928074309891	MASTER HPI Plus 400W/645 BU E40 1SL/6	367	374	Cool White (CW)	4500 K	65	80 lm/W
928074409894	MASTER HPI Plus 400W/667 BU E40 1SL/6	310	341	Daylight	6700 K	60	80 lm/W
928076709891	MASTER HPI Plus 250W/645 BU E40 1SL/12	365	363	Cool White (CW)	4500 K	65	66 lm/W
928076809894	MASTER HPI Plus 250W/667 BU E40 1SL/12	308	318	Daylight	6700 K	69	72 lm/W

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928074309891	MASTER HPI Plus 400W/645 BU E40 1SL/6	125 V	405 W
928074409894	MASTER HPI Plus 400W/667 BU E40 1SL/6	125 V	405 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928076709891	MASTER HPI Plus 250W/645 BU E40 1SL/12	128 V	256 W
928076809894	MASTER HPI Plus 250W/667 BU E40 1SL/12	128 V	253.0 W

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
928074309891	MASTER HPI Plus 400W/645 BU E40 1SL/6	BD120
928074409894	MASTER HPI Plus 400W/667 BU E40 1SL/6	BD120

Order Code	Full Product Name	Bulb Shape
928076709891	MASTER HPI Plus 250W/645 BU E40 1SL/12	BD90
928076809894	MASTER HPI Plus 250W/667 BU E40 1SL/12	BD90

Approval and Application

Order Code	Full Product Name	Energy	Mercury (Hg)
		Consumption kWh/ 1000 h	Content (Nom)
928074309891	MASTER HPI Plus 400W/645 BU E40 1SL/6	446 kWh	67 mg
928074409894	MASTER HPI Plus 400W/667 BU E40 1SL/6	434 kWh	67 mg
928076709891	MASTER HPI Plus 250W/645 BU E40 1SL/12	282 kWh	47 mg
928076809894	MASTER HPI Plus 250W/667 BU E40 1SL/12	278 kWh	47 mg

