



MASTER HPI Plus

MASTER HPI Plus 250W/645 E40 1SL

Quartz metal halide lamps with opalized outer bulb

Product data

• General Characteristics

System Description	Base-Up
Cap-Base	E40
Bulb	BD90 [BD 90mm]
Bulb Finish	Coated
Operating Position	h [Hanging or Base Up (BU)]
Life to 5% failures	5000 hr
Life to 20% failures	10000 hr
Life to 50% failures	20000 hr

• Light Technical Characteristics

Color Code	645 [CCT of 4500K]
Color Rendering Index	65 Ra8
Color Designation (text)	Cool White
Color Temperature	4500 K
Luminous Flux Lamp EM	18000 Lm
Luminous Efficacy Lamp EM	72 Lm/W
Lumen Maintenance 2000h	90 %
Lumen Maintenance 5000h	80 %
Lumen Maintenance 10000h	75 %
Chromaticity Coordinate X	359 -
Chromaticity Coordinate Y	354 -

• Electrical Characteristics

Lamp Wattage	250 W
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Lamp Wattage EM 25°C, Nominal	250.0 W
Lamp Wattage EM 25°C, Rated	253.0 W
Lamp Voltage	128 V
Lamp Current EM	2.2 A
Ignition Time	10 (max) s
Dimmable	No

• Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	47 mg
Energy consumption kWh/1000h	278 kWh

• Luminaire Design Requirements

Cap-Base Temperature	250 (max) C
Bulb Temperature	350 (max) C

• Product Dimensions

Overall Length C	226 (max) mm
Diameter D	91 (max) mm

• Product Data

Order code	928481400096
Full product code	928481400096
Full product name	MASTER HPI Plus 250W/645 E40 1SL
Order product name	MASTER HPI Plus 250W/645 E40 1SL/12
Pieces per pack	1

PHILIPS

MASTER HPI Plus

Packing configuration 12
Packs per outerbox 12
Bar code on pack - EAN1 8718291676294
Bar code on outerbox - EAN3 8718291676300

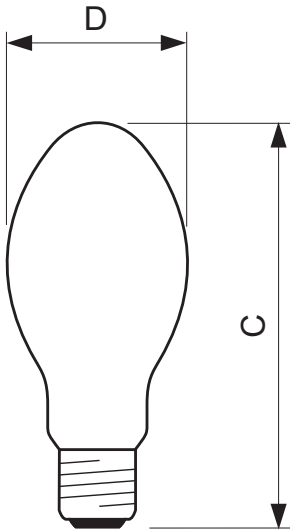
Logistic code(s) - 928481400096
12NC
Net weight per piece 0.174 kg

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

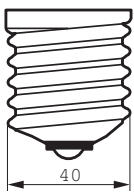
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Dimensional drawing



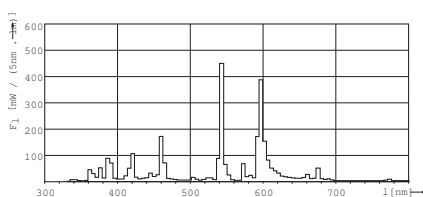
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Product	C (Max)	D (Max)
HPI Plus 250W/645 BU E40	226	91

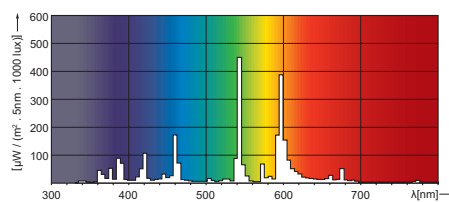


E40

Photometric data



HPI Plus 250W & 400W



HPI Plus 250W & 400W



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data subject to change