PHILIPS Lighting



MASTER HPI Plus

MASTER HPI Plus 400W/645 BU E40 1SL/6

Quartz metal halide lamps with opalized outer bulb

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
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- The luminaire must be able to contain hot lamp parts if the lamp ruptures
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- For use with control gear designed for high-pressure mercury or sodium lamps
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- 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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Product data

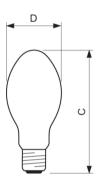
General Information		Color rendering index (CRI)	65
Cap-Base	E40		
Operating Position	H15 [Hanging +/-15D or Base Up (BU)]	Operating and Electrical	
Life to 50% Failures (Nom)	20,000 hour(s)	Power Consumption	405 W
		Voltage (Nom)	125 V
Light Technical		Voltage (Nom)	125 V
Color Code	645 [CCT of 4500K]		
Color Designation	Cool White (CW)	Controls and Dimming	
Chromaticity Coordinate X (Nom)	367	Dimmable	No
Chromaticity Coordinate Y (Nom)	374		
Correlated Color Temperature (Nom)	4500 K	Mechanical and Housing	
Luminous Efficacy (rated) (Nom)	80 lm/W	Bulb Finish	Coated glass

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Bulb Shape	BD120	
Approval and Application		
Mercury (Hg) Content (Nom)	67 mg	
Energy Consumption kWh/1000 h	446 kWh	
Product Data		
Order product name	MASTER HPI Plus 400W/645 BU E40 1SL/6	
Full product name	MASTER HPI Plus 400W/645 BU E40 1SL/6	

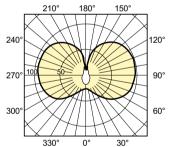
Full product code	871150018252410
Order code	928074309891
Material Nr. (12NC)	928074309891
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500182524
Numerator - Packs per outer box	6
EAN/UPC - Case	8711500182531

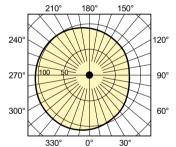
Dimensional drawing



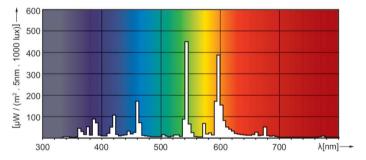
Product	D (max)	C (max)
MASTER HPI Plus 400W/645 BU E40 1SL/6	122 mm	290 mm

Photometric data





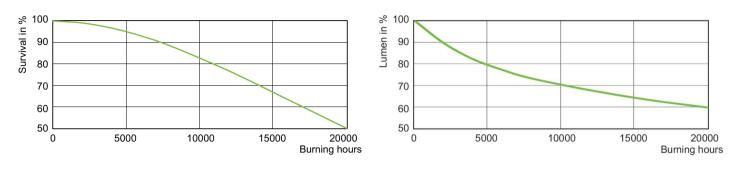
Light Distribution Diagram - MASTER HPI Plus 400W/645 BU E40 1SL/6



Spectral Power Distribution Colour - MASTER HPI Plus 400W/645 BU E40 1SL/6

MASTER HPI Plus

Lifetime



Life Expectancy Diagram - MASTER HPI Plus 400W/645 BU E40 1SL/6

Lumen Maintenance Diagram - MASTER HPI Plus 400W/645 BU E40 1SL/6



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www.lighting.philips.com 2023, April 14 - data subject to change