



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)
- 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.

Product data

General Information		
Cap base	E40 [E40]	
Operating position	H15 [Hanging +/-15D or Base Up (BU)]	
Life to 50% failures (nom.)	20,000 h	
Light Technical		
Colour Code	645 [CCT of 4500K]	
Colour designation	Cool White (CW)	
Chromaticity Coordinate X (Nom)	367	
Chromaticity Coordinate Y (Nom)	374	
Correlated Colour Temperature	4500 K	
Luminous efficacy (rated) (nom.)	80 lm/W	
Colour rendering index (CRI)	65	
Operating and Electrical		
Power Consumption	405 W	
Voltage (nom.)	125 V	

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Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Lamp Finish	Coated glass	
Bulb shape	BD120 [BD 120 mm]	
Approval and Application		
Mercury (Hg) content (nom.)	67 mg	
Energy consumption kWh/1,000 hours	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 EOC	871150018252410	
Order code	18252410	

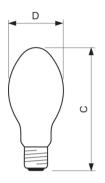
Datasheet, 2023, April 14 data subject to change

MASTER HPI Plus

Material no. (12 NC)	928074309891
Local order code	400HPIPLUSBU
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8711500182524

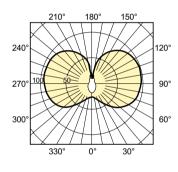
Numerator – packs per outer box	6
EAN/UPC - Case	8711500182531

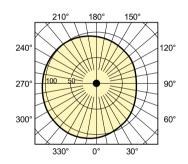
Dimensional drawing

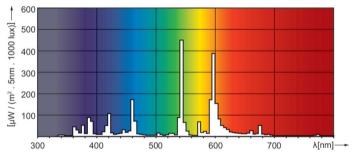


Product	D (max)	C (max)
MASTER HPI Plus 400W/645 BU E40 1SL/6	122 mm	290 mm

Photometric data



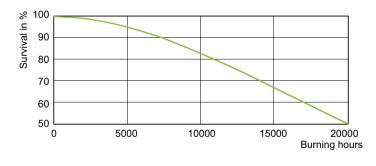


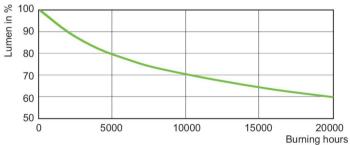


Light Distribution Diagram - MASTER HPI Plus 400W/645 BU E40 1SL/6

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

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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