



MASTER HPI Plus

MASTER HPI Plus 400W/645 BU-P 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 hour(s)	
Light Technical		
Color Code	645 [CCT of 4500K]	
Color Designation	Cool White (CW)	
Chromaticity Coordinate X (Nom)	367	
Chromaticity Coordinate Y (Nom)	374	
Correlated Color Temperature (Nom)	4500 K	
Luminous Efficacy (rated) (Nom)	82 lm/W	
Color rendering index (CRI)	65	
Operating and Electrical		
Power Consumption	395.0 W	
Voltage (Nom)	125 V	

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Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Finish	Coated glass	
Bulb Shape	ED37	
Approval and Application		
Mercury (Hg) Content (Nom)	67.2 mg	
Energy Consumption kWh/1000 h	434 kWh	
Product Data		
Order product name	MASTER HPI Plus 400W/645 BU-P E40 1SL/6	
Full product name	MASTER HPI Plus 400W/645 BU-P E40 1SL/6	
Full product code	871150021143910	
Order code	21143910	

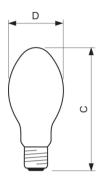
Datasheet, 2023, May 1 data subject to change

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Material Nr. (12NC)	928410600027
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500211439
Numerator - Packs per outer box	6

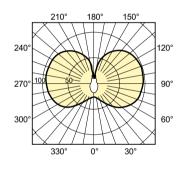
EAN/UPC - Case	8711500211446

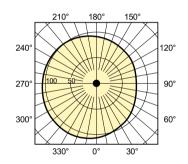
Dimensional drawing

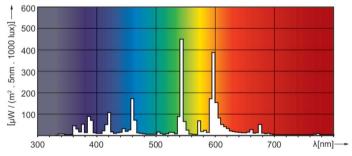


Product	D (max)	C (max)
MASTER HPI Plus 400W/645 BU-P E40 1SL/6	122 mm	290 mm

Photometric data



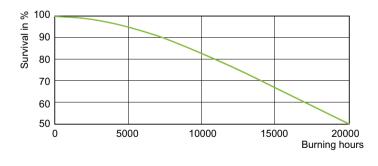


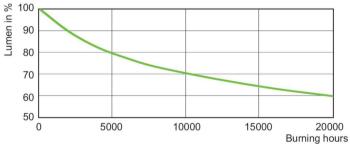


Light Distribution Diagram - MASTER HPI Plus 400W/645 BU-P E40 1SL/6

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

Lifetime





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

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

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