



# MASTER HPI Plus

## HPI Plus 400W/645 BU E40 1CT/6

Quartz metal halide lamps with opalized outer bulb

### Product data

General Information	
Cap-Base	E40 [ E40]
Operating Position	H [ Hanging or Base Up (BU)]
Life to 5% Failures (Nom)	5000 h
Life To 10% Failures (Nom)	7500 h
Life to 20% Failures (Nom)	11000 h
Life to 50% Failures (Nom)	20000 h
System Description	Base-Up

Light Technical	
Color Code	645 [ CCT of 4500K]
Luminous Flux (Rated) (Min)	30000 lm
Luminous Flux (Rated) (Nom)	32500 lm
Color Designation	Cool White (CW)
Lumen Maintenance 10000 h (Nom)	70 %
Lumen Maintenance 2000 h (Min)	75 %
Lumen Maintenance 2000 h (Nom)	90 %
Lumen Maintenance 20000 h	60 %
Lumen Maintenance 5000 h (Min)	65 %
Lumen Maintenance 5000 h (Nom)	80 %
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 (Nom)	65

Operating and Electrical	
Power (Nom)	395.0 W
Lamp Current Run-Up (Max)	6 A
Lamp Current (EM) (Nom)	3.4 A
Ignition Supply Voltage (Max)	198 V
Ignition Supply Voltage (Min)	198 V
Ignition Time (Max)	10 s
Voltage (Max)	135 V
Voltage (Min)	115 V
Voltage (Nom)	125 V

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Coated glass

Approval and Application	
Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	67 mg
Energy Consumption kWh/1000 h	434 kWh

Luminaire Design Requirements	
Bulb Temperature (Max)	350 °C
Cap-Base Temperature (Max)	250 °C

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## Product Data

Full product code	871829167623200
Order product name	HPI Plus 400W/645 BU E40 1CT/6
EAN/UPC - Product	8718291676232
Order code	928481100096
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	6
Material Nr. (12NC)	928481100096
Net Weight (Piece)	0.252 kg

## Warnings and Safety

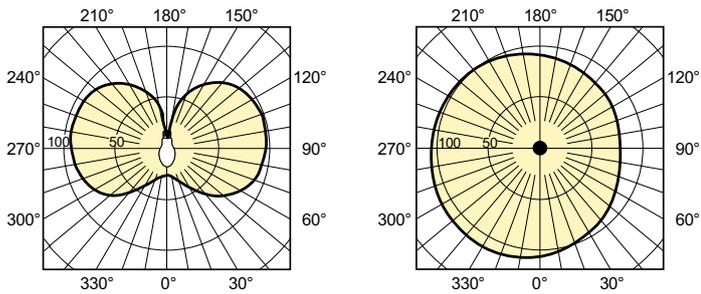
## Dimensional drawing

D

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

## HPI Plus 400W/645 BU E40

## Photometric data

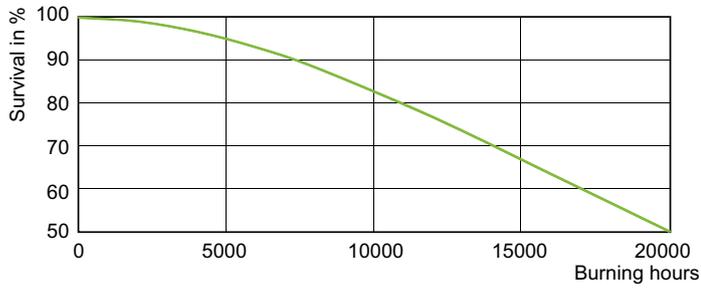


## LDLD\_HPI-Light distribution diagram



# MASTER HPI Plus

## Lifetime



LDLE\_HPI\_250W\_400W-Life expectancy diagram

