



MASTER HPI Plus

MASTER HPI Plus 250W/767 BU 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	h15 [Hanging +/-15D or Base Up (BU)]
Life to 5% failures	5000 hr
Life to 10% failures	7500 hr
Life to 20% failures	11000 hr
Life to 50% failures	20000 hr
LSF EM 20000h	50 %
Rated,12h cycle	
LSF EM 16000h	63 %
Rated,12h cycle	
LSF EM 12000h	76 %
Rated,12h cycle	
LSF EM 8000h Rated, 12h cycle	88 %
LSF EM 6000h Rated, 12h cycle	93 %
LSF EM 4000h Rated, 12h cycle	96 %
LSF EM 2000h Rated, 12h cycle	99 %

• Light Technical Characteristics

Color Code	767 [CCT of 6700K]
Color Rendering Index	69 Ra8
Color Designation (text)	Daylight
Color Temperature	6700 K
Color Temperature Technical	6700 K

Chromaticity Coordinate X	308 -
Chromaticity Coordinate Y	318 -
Lum Efficacy Rated EM 25°C	72 Lm/W
LLMF EM 20000h Rated	60 %
LLMF EM 16000h Rated	63 %
LLMF EM 12000h Rated	68 %
LLMF EM 8000h Rated	73 %
LLMF EM 6000h Rated	77 %
LLMF EM 4000h Rated	82 %
LLMF EM 2000h Rated	90 %
Luminous Flux EM 25°C, Rated	18000 Lm

• Electrical Characteristics

Lamp Wattage	250 W
Lamp Voltage	128 V
Lamp Current EM	2.2 A
Dimmable	No
Lamp Wattage EM 25°C, Rated	253 W
Lamp Wattage EM 25°C, Nominal	250 W

PHILIPS
sense and simplicity

MASTER HPI Plus

• Environmental Characteristics

Mercury (Hg) Content	47 mg
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• 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	928076809830
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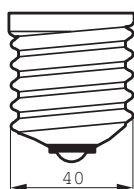
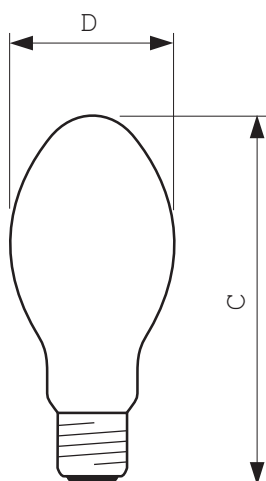
Full product code	928076809830
Full product name	MASTER HPI Plus 250W/767 BU E40 1SL
Order product name	MASTER HPI Plus 250W/767 BU E40 1SL/12
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8711500207395
Bar code on outerbox - EAN3	8711500207401
Logistic code(s) - 12NC	928076809830
ILCOS code	ME-250/67/2A-H-E40-90/225/V
Net weight per piece	182.670 gr

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

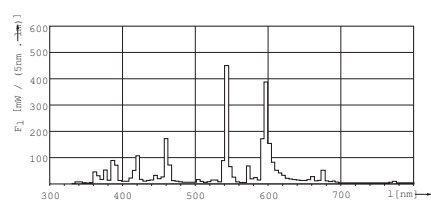
Dimensional drawing



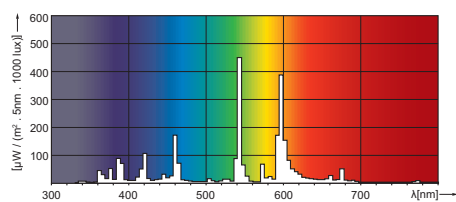
HPI, E40

Product	C (Max)	D (Max)
HPI Plus 250W/767 BU E40	226	91

Photometric data



HPI Plus 250W & 400W



HPI Plus 250W & 400W



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data subject to change