PHILIPS

Switch Start Metal Halide Standard

D_MHSSS



Switch Start Metal Halide Standard

High performance, Long life and Superior light quality. A compact, energy efficient metal halide lamp that provides crisp, sparkling light wih long life and high efficiency.

Applications

- Ideal for industrial and retail high/low bays, and parking lots.

Features

- Long life up to 20,000 hours for 360 and 400 watt lamps.
- Up to 100 lumens per watt.
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available." This lamp complies with FDA radiation performance standard 21 CFR subchapter J. (USA:21 CFR 1040.30 Canada: SOR/DORS/80-381)

Versions



LPPR D-MH-R BT37 CL



LPPR D-MH-R BD17 CL

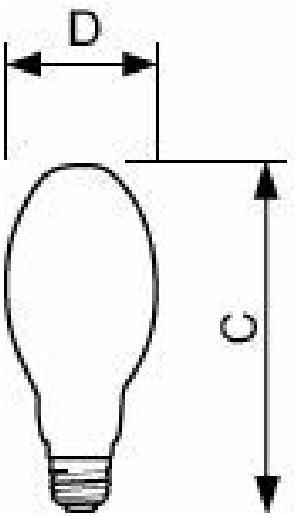


LPPR D-MH-R BD17 CO



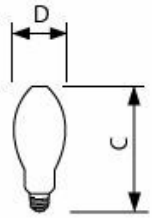
LPPR D-MH-R BT56 CL

Dimensional drawing

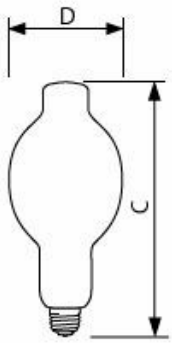


Product	D	C (max)
MH150/U/M 12PK	2.125 inch	5.438 inch
MH175/U 12PK	3.5 inch	8.313 inch
MH250/U 1/12PK	3.5 inch	8.313 inch
MH400/U/ED28 1/12PK	3.5 inch	8.313 inch

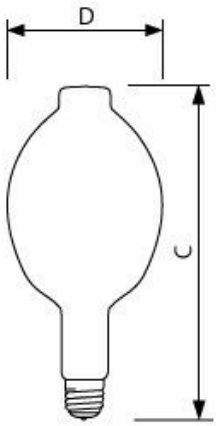
Product	D	C (max)
MH175/C/U 12PK	90 mm	206 mm
MH175/C/U/M 12PK	2.125 inch	5.438 inch
MH175/U/M 12PK	2.125 inch	5.438 inch



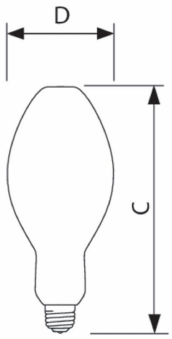
Product	D	C (max)
MH1000/U/BT37 1/6PK	4.6 inch	11.5 inch



Product	D	C (max)
MH1000/U 1/6PK	7 inch	15.375 inch
MH1500/U 1/6PK	7 inch	15.4 inch



Product	D	C (max)
MH400/U 1/6PK	4.625 inch	11.5 inch



Light Technical

Luminous Flux	8,645 lm

Operating and Electrical

Wattage Equivalent	175 W
Warm-up time to 60% light	<120 s

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Material	Hard Glass

Approval and Application

Energy Saving Product	Not Applicable

General Information

Order Code	Full Product Name	Cap-Base	Operating Position
928601179701	MH1000/U/BT37 1/6PK	E39	UNIVERSAL
928601122311	MH175/U/M 12PK	E26	UNIVERSAL
928601150313	MH175/U 12PK	E39	UNIVERSAL
928601150813	MH250/U 1/12PK	E39	UNIVERSAL
928601151303	MH400/U/ED28 1/12PK	E39	UNIVERSAL
928601172301	MH400/U 1/6PK	E39	UNIVERSAL
928601179801	MH150/U/M 12PK	E26	UNIVERSAL

Order Code	Full Product Name	Cap-Base	Operating Position
928601179901	MH1000/U 1/6PK	E39	UNIVERSAL
928601122403	MH175/C/U/M 12PK	E26	UNIVERSAL
928601150403	MH175/C/U 12PK	E39	-
928601179401	MH1500/U 1/6PK	E39	H15

Light Technical

Order Code	Full Product Name	Color Designation	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Correlated Color Temperature (Nom)	Luminous Efficacy (Rated) (Min)	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)
928601179701	MH1000/U/BT37 1/6PK	Cool White (CW)	0.385	0.390	4000 K	-	110 lm/W	65
928601122311	MH175/U/M 12PK	Cool White (CW)	0.385	0.390	4000 K	70 lm/W	80 lm/W	65
928601150313	MH175/U 12PK	Cool White (CW)	0.375	0.400	4000 K	70 lm/W	84 lm/W	65
928601150813	MH250/U 1/12PK	Cool White (CW)	0.385	0.395	4000 K	76.5 lm/W	85 lm/W	65
928601151303	MH400/U/ED28 1/12PK	Cool White (CW)	0.390	0.400	4000 K	80 lm/W	90 lm/W	57
928601172301	MH400/U 1/6PK	Cool White (CW)	0.385	0.395	3900 K	85 lm/W	98 lm/W	65
928601179801	MH150/U/M 12PK	White (WH)	0.385	0.390	4000 K	-	90 lm/W	65
928601179901	MH1000/U 1/6PK	White (WH)	0.385	0.390	4000 K	-	110 lm/W	65
928601122403	MH175/C/U/M 12PK	Cool White (CW)	0.395	0.390	-	72 lm/W	80 lm/W	65
928601150403	MH175/C/U 12PK	-	0.385	0.39	3900 K	64 lm/W	76 lm/W	>60
928601179401	MH1500/U 1/6PK	White (WH)	0.385	0.390	4000 K	-	113 lm/W	65

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Lamp Current (Nom)	Voltage (Nom)
928601179701	MH1000/U/BT37 1/6PK	-	4.1 A	263 V
928601122311	MH175/U/M 12PK	-	1.5 A	132 V
928601150313	MH175/U 12PK	-	1.5 A	132 V
928601150813	MH250/U 1/12PK	-	2.1 A	133 V
928601151303	MH400/U/ED28 1/12PK	400 W	3.25 A	135 V
928601172301	MH400/U 1/6PK	400 W	3.25 A	135 V
928601179801	MH150/U/M 12PK	-	1.5 A	110 V
928601179901	MH1000/U 1/6PK	-	4.1 A	263 V
928601122403	MH175/C/U/M 12PK	-	1.5 A	132 V
928601150403	MH175/C/U 12PK	175 W	-	-
928601179401	MH1500/U 1/6PK	-	6.2 A	268 V

Mechanical and Housing

Order Code	Full Product Name	Bulb Finish	Bulb Shape
928601179701	MH1000/U/BT37 1/6PK	Clear	BT37
928601122311	MH175/U/M 12PK	Clear	BD17
928601150313	MH175/U 12PK	Clear	ED28

Order Code	Full Product Name	Bulb Finish	Bulb Shape
928601150813	MH250/U 1/12PK	Clear	ED28
928601151303	MH400/U/ED28 1/12PK	Clear	ED28
928601172301	MH400/U 1/6PK	Clear	ED37
928601179801	MH150/U/M 12PK	Clear	ED17
928601179901	MH1000/U 1/6PK	Clear	BT56
928601122403	MH175/C/U/M 12PK	Coated glass	BD17
928601150403	MH175/C/U 12PK	Coated glass	BD17
928601179401	MH1500/U 1/6PK	Clear	BT56

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
928601179701	MH1000/U/BT37 1/6PK	-	151.0 mg
928601122311	MH175/U/M 12PK	24.0 mg	-
928601150313	MH175/U 12PK	-	28 mg
928601150813	MH250/U 1/12PK	-	33 mg
928601151303	MH400/U/ED28 1/12PK	52.0 mg	-
928601172301	MH400/U 1/6PK	-	38 mg
928601179801	MH150/U/M 12PK	-	23 mg
928601179901	MH1000/U 1/6PK	151.0 mg	-
928601122403	MH175/C/U/M 12PK	24.0 mg	-
928601150403	MH175/C/U 12PK	30 mg	-
928601179401	MH1500/U 1/6PK	-	228.0 mg

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