



# Switch Start Metal Halide Standard

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

### Features

- Long life up to 20,000 hours for 360 and 400 watt lamps.
- Up to 100 lumens per watt.

### Application

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

### Warnings and Safety

- 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)

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## Versions



LED lamp - RFT

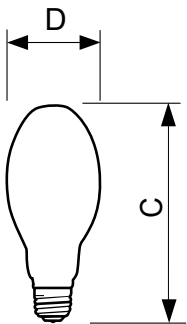


LPPR D-MH-R BT37 CL



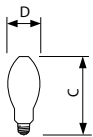
LPPR D-MH-R BT56 CL

## Dimensional drawing

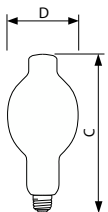


Product	D	C (max)
175W ED28 Mogul Base Metal Halide	3.5 inch	8.313 inch
MH150/U/M 12PK	2.125 inch	5.438 inch
MH175/U 12PK	3.5 inch	8.313 inch
MH250/U 1/12PK	3.5 inch	8.313 inch
MH400/U/ED28 1/12PK	3.5 inch	8.313 inch

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

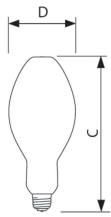
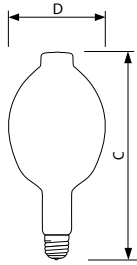


Product	D	C (max)
MH1000/U/BT37 1/6PK	4.6 inch	11.5 inch



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## Dimensional drawing



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

### Mechanical and Housing

Bulb Material Hard Glass

## General Information

Order Code	Full Product Name	Cap-Base	Operating Position	Order Code	Full Product Name	Cap-Base	Operating Position
928601150312	175W ED28 Mogul Base Metal Halide	E39	UNIVERSAL	928601172301	MH400/U 1/6PK	E39	UNIVERSAL
928601179701	MH1000/U/BT37 1/6PK	E39	UNIVERSAL	928601179801	MH150/U/M 12PK	E26	UNIVERSAL
928601122311	MH175/U/M 12PK	E26	UNIVERSAL	928601179901	MH1000/U 1/6PK	E39	UNIVERSAL
928601150313	MH175/U 12PK	E39	UNIVERSAL	928601122403	MH175/C/U/M 12PK	E26	UNIVERSAL
928601150813	MH250/U 1/12PK	E39	UNIVERSAL	928601150403	MH175/C/U 12PK	E39	-
928601151303	MH400/U/ED28 1/12PK	E39	UNIVERSAL	928601179401	MH1500/U 1/6PK	E39	H15

## Light Technical (1/2)

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Designation	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (Rated) (Min)	Luminous Efficacy (rated) (Nom)
928601150312	175W ED28 Mogul Base Metal Halide	0.375	0.400	Cool White (CW)	4000 K	65	70 lm/W	84 lm/W
928601179701	MH1000/U/BT37 1/6PK	0.385	0.390	Cool White (CW)	4000 K	65	-	110 lm/W
928601122311	MH175/U/M 12PK	0.385	0.390	Cool White (CW)	4000 K	65	70 lm/W	80 lm/W
928601150313	MH175/U 12PK	0.375	0.400	Cool White (CW)	4000 K	65	70 lm/W	84 lm/W
928601150813	MH250/U 1/12PK	0.385	0.395	Cool White (CW)	4000 K	65	76.5 lm/W	85 lm/W
928601151303	MH400/U/ED28 1/12PK	0.390	0.400	Cool White (CW)	4000 K	57	80 lm/W	90 lm/W
928601172301	MH400/U 1/6PK	0.385	0.395	Cool White (CW)	3900 K	65	85 lm/W	98 lm/W

## Switch Start Metal Halide Standard

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (Rated) (Min)	Luminous Efficacy (rated) (Nom)
		Coordinate X (Nom)	Coordinate Y (Nom)					
928601179801	MH150/U/M 12PK	0.385	0.390	White (WH)	4000 K	65	-	90 lm/W
928601179901	MH1000/U 1/6PK	0.385	0.390	White (WH)	4000 K	65	-	110 lm/W
928601122403	MH175/C/U/M 12PK	0.395	0.390	Cool White (CW)	-	65	72 lm/W	80 lm/W
928601150403	MH175/C/U 12PK	0.385	0.39	-	3900 K	>60	64 lm/W	76 lm/W
928601179401	MH1500/U 1/6PK	0.385	0.390	White (WH)	4000 K	65	-	113 lm/W

### Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux	Order Code	Full Product Name	Luminous Flux
928601150312	175W ED28 Mogul Base Metal Halide	-	928601172301	MH400/U 1/6PK	-
928601179701	MH1000/U/BT37 1/6PK	-	928601179801	MH150/U/M 12PK	-
928601122311	MH175/U/M 12PK	-	928601179901	MH1000/U 1/6PK	-
928601150313	MH175/U 12PK	-	928601122403	MH175/C/U/M 12PK	-
928601150813	MH250/U 1/12PK	-	928601150403	MH175/C/U 12PK	8,645 lm
928601151303	MH400/U/ED28 1/12PK	-	928601179401	MH1500/U 1/6PK	-

### Operating and Electrical

Order Code	Full Product Name	Warm-up time to 60% light	Lamp Current (Nom)	Voltage (Nom)	Power Consumption	Wattage Equivalent
928601150312	175W ED28 Mogul Base Metal Halide	-	1.5 A	132 V	-	-
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	-	3.25 A	135 V	400 W	-
928601172301	MH400/U 1/6PK	-	3.25 A	135 V	400 W	-
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	<120 s	-	-	175 W	175 W
928601179401	MH1500/U 1/6PK	-	6.2 A	268 V	-	-

### Controls and Dimming

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
928601150312	175W ED28 Mogul Base Metal Halide	-	928601172301	MH400/U 1/6PK	-
928601179701	MH1000/U/BT37 1/6PK	-	928601179801	MH150/U/M 12PK	-
928601122311	MH175/U/M 12PK	-	928601179901	MH1000/U 1/6PK	-
928601150313	MH175/U 12PK	-	928601122403	MH175/C/U/M 12PK	-
928601150813	MH250/U 1/12PK	-	928601150403	MH175/C/U 12PK	No
928601151303	MH400/U/ED28 1/12PK	-	928601179401	MH1500/U 1/6PK	-

### Mechanical and Housing

Order Code	Full Product Name	Bulb Finish	Bulb Shape	Order Code	Full Product Name	Bulb Finish	Bulb Shape
928601150312	175W ED28 Mogul Base Metal Halide	Clear	ED28	928601150813	MH250/U 1/12PK	Clear	ED28
928601179701	MH1000/U/BT37 1/6PK	Clear	BT37	928601151303	MH400/U/ED28 1/12PK	Clear	ED28
928601122311	MH175/U/M 12PK	Clear	BD17	928601172301	MH400/U 1/6PK	Clear	ED37
928601150313	MH175/U 12PK	Clear	ED28	928601179801	MH150/U/M 12PK	Clear	ED17

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Order Code	Full Product Name	Bulb Finish	Bulb Shape
928601179901	MH1000/U 1/6PK	Clear	BT56
928601122403	MH175/C/U/M 12PK	Coated glass	BD17

Order Code	Full Product Name	Bulb Finish	Bulb Shape
928601150403	MH175/C/U 12PK	Coated glass	BD17
928601179401	MH1500/U 1/6PK	Clear	BT56

### Approval and Application

Order Code	Full Product Name	Energy Saving Product	Mercury (Hg)	Mercury (Hg)
			Content (Max)	Content (Nom)
928601150312	175W ED28 Mogul Base Metal Halide	Not Applicable	-	28 mg
928601179701	MH1000/U/BT37 1/6PK	Not Applicable	-	151.0 mg
928601122311	MH175/U/M 12PK	Not Applicable	24.0 mg	-
928601150313	MH175/U 12PK	Not Applicable	-	28 mg
928601150813	MH250/U 1/12PK	Not Applicable	-	33 mg
928601151303	MH400/U/ED28 1/12PK	Not Applicable	52.0 mg	-

Order Code	Full Product Name	Energy Saving Product	Mercury (Hg)	Mercury (Hg)
			Content (Max)	Content (Nom)
928601172301	MH400/U 1/6PK	Not Applicable	-	38 mg
928601179801	MH150/U/M 12PK	Not Applicable	-	23 mg
928601179901	MH1000/U 1/6PK	Not Applicable	151.0 mg	-
928601122403	MH175/C/U/M 12PK	Not Applicable	24.0 mg	-
928601150403	MH175/C/U 12PK	-	30 mg	-
928601179401	MH1500/U 1/6PK	Not Applicable	-	228.0 mg

