



Switch Start Metal Halide Standard

MH175/U 12PK

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.

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)

Product data

General Information		Footnotes HID 2	
Cap-Base	E39 [Single Contact Mogul Screw]	Rated life: Vertical +/- 15 degrees. Other positions 75% of vertical life. (385)	
Operating Position	Universal [Universal]	Footnotes HID 3	
Main Application	General and Street Lighting	Vertical lumens. Horizontal lumens 6%–10% lower. (393)	
Life to 50% Failures (Nom)	10000 h	Light Technical	
ANSI Code HID	M57/E	Color Code	640 [CCT of 4000K]
Footnotes HID 1	Requires a ballast specified or approved for Philips metal halide lamps, or one that is designed to operate all popular brands of metal halide lamps. 1000W types will operate from H36 conventional lag type ballast for Mercury Vapor lamps at ambient temperatures of 50 degrees F or higher. 1000W types must not be operated at 1500W. (377)	Luminous Flux (Rated) (Min)	12250 lm
		Luminous Flux (Rated) (Nom)	14700 lm
		Color Designation	Cool White (CW)
		Lumen Maintenance - 40% Life	68 %
		Lumen Maintenance - 10% Life	90 %
		Design Mean Lumens	8775 lm
		Chromaticity Coordinate X (Nom)	0.375
		Chromaticity Coordinate Y (Nom)	0.400

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Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (Rated) (Min)	70 lm/W
Luminous Efficacy (rated) (Nom)	84 lm/W
Color Rendering Index (Nom)	65

Operating and Electrical

Lamp Current (Nom)	1.5 A
Ignition Supply Voltage (Min)	350 V
Re-Ignition Time (Min) (Max)	8 min
Ignition Time (Max)	120 s
Voltage (Max)	147 V
Voltage (Min)	117 V
Voltage (Nom)	132 V

Mechanical and Housing

Bulb Finish	Clear
Cap-Base Information	Brass [Brass Base]
Bulb Material	Hard Glass

Approval and Application

Energy Saving Product	Not Applicable
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Picogram Per Lumen Hour	255.1 pg/lm.h
Mercury (Hg) Content (Nom)	28 mg

UV

Pet (Niosh) (Nom)	192.3 h/500lx
Damage Factor D/fc (Nom)	0.420

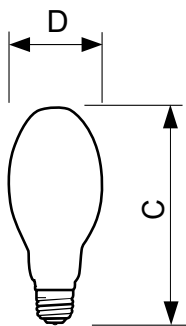
Luminaire Design Requirements

Bulb Temperature (Max)	400 °C
Cap-Base Temperature (Max)	210 °C

Product Data

Order product name	MH175/U 12PK
EAN/UPC - Product	046677287337
Order code	287334
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601150313
Net Weight (Piece)	0.001 kg

Dimensional drawing



MH R 175W/640 E39 ED28 U

Product	D	C (max)
MH175/U 12PK	3.5 in	8.313 in

