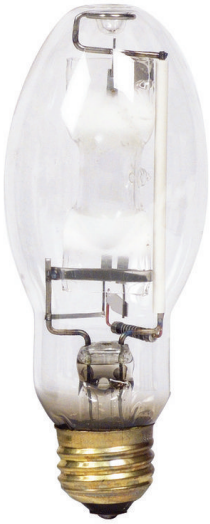


Switch Start Metal Halide Standard

MH175/U/M 12PK

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

Product data

General Information	
Cap-Base	E26 [Single Contact Medium Screw]
Operating Position	Universal [Universal]
Main Application	General Lighting (G)
Life to 50% Failures (Nom)	10000 h
ANSI Code HID	M57/E
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)
Footnotes HID 2	Rated life: Vertical +/- 15 degrees. Other positions 75% of vertical life. (385)
Footnotes HID 3	Vertical lumens. Horizontal lumens 6%–10% lower. (393)

Light Technical	
Color Code	640 [CCT of 4000K]
Luminous Flux (Rated) (Nom)	14000 lm
Color Designation	Cool White (CW)
Design Mean Lumens	9100 lm
Chromaticity Coordinate X (Nom)	0.385
Chromaticity Coordinate Y (Nom)	0.390
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (Rated) (Min)	70 lm/W
Luminous Efficacy (rated) (Nom)	80 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)	15 min
Ignition Time (Max)	120 s
Voltage (Max)	147 V
Voltage (Min)	117 V
Voltage (Nom)	132 V

Mechanical and Housing	
Bulb Finish	Clear (CL)
Cap-Base Information	Brass [Brass Cap]
Bulb Material	Hard Glass

Approval and Application	
Energy Saving Product	Not Applicable

Switch Start Metal Halide Standard

Mercury (Hg) Content (Max)	24.0 mg

UV

Pet (Niosh) (Nom)	147.03 h/500lx
Damage Factor D/fc (Nom)	0.42

Luminaire Design Requirements

Bulb Temperature (Max)	450 °C
Cap-Base Temperature (Max)	210 °C

Product Data

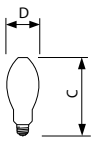
Order product name	MH175/U/M 12PK
EAN/UPC - Product	046677114169
Order code	313585
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601122311
Net Weight (Piece)	0.001 kg

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)
- Lamp contains mercury. Manage in Accord with Disposal Laws. See: www.lamprecycle.org or 1-800-555-0050

Dimensional drawing

Product	D	C (max)
MH175/U/M 12PK	2.125 in	5.438 in



MH R 175W/640 E26 BD17 U

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