



# Switch Start Metal Halide Standard

## MH175/C/U/M 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.

### Product data

General Information	
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)
Light Technical	
Color Code	640 [ CCT of 4000K]
Luminous Flux (Rated) (Min)	12600 lm
Luminous Flux (Rated) (Nom)	13300 lm
Color Designation	Cool White (CW)

Lumen Maintenance - 40% Life	65 %
Design Mean Lumens	8380 lm
Chromaticity Coordinate X (Nom)	0.395
Chromaticity Coordinate Y (Nom)	0.390
Correlated Color Temperature (Nom)	3700 K
Luminous Efficacy (Rated) (Min)	72 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	Coated [ Coated glass (CO)]
Cap-Base Information	Brass [ Brass Cap]

## Switch Start Metal Halide Standard

Bulb Material	Hard Glass
<b>Approval and Application</b>	
Energy Saving Product	Not Applicable
Mercury (Hg) Content (Max)	24.0 mg
<b>UV</b>	
Pet (Niosh) (Nom)	104.1 h/500lx
Damage Factor D/fc (Nom)	0.44
<b>Luminaire Design Requirements</b>	
Bulb Temperature (Max)	400 °C

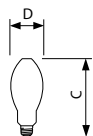
Cap-Base Temperature (Max)	210 °C
<b>Product Data</b>	
Order product name	MH175/C/U/M 12PK
EAN/UPC - Product	046677313593
Order code	313593
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601122403
Net Weight (Piece)	0.001 kg

### 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](http://www.lamprecycle.org) or 1-800-555-0050

### Dimensional drawing

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



MH R 175W/640 E26 BD17 CO U

