



# 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.

### 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

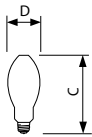
General Information		Footnotes HID 2	
Cap-Base	E26 [ Single Contact Medium Screw]		Rated life: Vertical +/- 15 degrees. Other positions 75% of vertical life. (385)
Operating Position	Universal [ Universal]		
Main Application	General Lighting (G)		
Life to 50% Failures (Nom)	10000 h		
ANSI Code HID	M57/E		
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)		
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		
Luminous Efficacy (Rated) (Min)	72 lm/W		
Luminous Efficacy (rated) (Nom)	80 lm/W		

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Color Rendering Index (Nom)	65
<b>Operating and Electrical</b>	
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
<b>Mechanical and Housing</b>	
Bulb Finish	Coated glass
Cap-Base Information	Brass [ Brass Base]
Bulb Material	Hard Glass
Bulb Shape	BD17 [ BD17]
<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

## Dimensional drawing



MH R 175W/640 E26 BD17 CO U

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

