



# 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

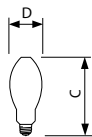
| General information             |   | Footnotes HID 2 |  |
|---------------------------------|---|-----------------|--|
| Cap-Base                        | E26 [ Single Contact Medium Screw]  |                 | Rated life: Vertical +/- 15 degrees. Other positions 75% of vertical life. (385) |
| Operating 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



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

