



# Switch Start Metal Halide Standard

Switch Start MH Std 175W/640 Med BD17 CO

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 Characteristics

Base	Medium [Single Contact Medium Screw]
Base Information	Brass [Brass Base]
Bulb	BD17
Bulb Material	Hard Glass
Bulb Finish	Coated
Operating Position	Universal [Any or Universal (U)]
Main Application	General Lighting
RatedAvgLife(See Family Notes)	10000 hr
Energy Saving	Not Applicable

### • Light Technical Characteristics

Color Code	640 [CCT of 4000K]
Color Rendering Index	65 Ra8
Color Designation	Cool White
Color Temperature	3700 K
Color Temperature technical	3700 K
Initial Lumens	13300 Lm
Luminous Efficacy Lamp	80 Lm/W
Lumen Maintenance - 40% life	65 %
Design Mean Lumens	8380 Lm
Chromaticity Coordinate X	0.395 -
Chromaticity Coordinate Y	0.390 -

### • Electrical Characteristics

Watts	175 W
Lamp Voltage	132 V

Lamp Current	1.5 A
Ignition Time	120 (max) s
Re-ignition Time [min]	15 (max) min

### • Environmental Characteristics

Mercury (Hg) Content	24.0 (max) mg
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### • UV-related Characteristics

Damage Factor D/fc PET (NIOSH)	0.44 -
UV A	104.1 h500lx
UV B	15.71 mW/cm <sup>2</sup>
UV C	0.11 mW/cm <sup>2</sup>
	0 mW/cm <sup>2</sup>

### • Luminaire Design Requirements

Cap-Base Temperature	210 (max) C
Bulb Temperature	400 (max) C

### • Product Dimensions

Light Center Length L	3.438 in
Max Overall Length (MOL) - C	5.438 (max) in
Diameter D	2.125 in

### • Footnotes

Footnotes HID	377 [Requires a ballast specified or approved for Philips metal halide lamps, or one that is designed to
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**PHILIPS**

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Footnotes HID

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)  
 385 [Rated life: Vertical +/- 15 degrees. Other positions 75% of vertical life. (385)]

• **Product Data**

Product number	313593
Full product name	Switch Start MH Std 175W/640 Med BD17 CO
Short product name	MH175/C/U/M 12PK
Pieces per Sku	1
Skus/Case	12
Bar code on pack	46677313593
Bar code on case	50046677313598
Logistics code(s)	928601122403
eop_net_weight_pp	0.001 kg

## Warnings and Safety

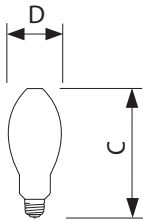
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will

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)

## Dimensional drawing

### Switch Start MH Std 175W/640 Med BD17 CO

Product	C (Max)	D (Norm)
MH R 175W/640 E26 BD17 CO U	5.438	2.125



E26

## Dimensional drawing



E26



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data subject to change