



Switch Start Metal Halide Standard

Switch Start MH Std 175W/640 Mog ED28 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	Mogul [Mogul]
Base Information	Brass [Brass Base]
Bulb	ED28
Bulb Material	Hard Glass
Bulb Finish	Coated
Operating Position	Universal [Any or Universal (U)]
Main Application	General and Street Lighting
RatedAvgLife(See Family Notes)	10000 hr
Energy Saving	Not Applicable

• Light Technical Characteristics

Color Code	640 [CCT of 4000K]
Color Rendering Index	70 Ra8
Color Designation	Cool White
Color Temperature	3700 K
Color Temperature technical	3900 K
Initial Lumens	14490 Lm
Luminous Efficacy Lamp	82.8 Lm/W
Design Mean Lumens	8200 Lm
Chromaticity Coordinate X	390 -
Chromaticity Coordinate Y	400 -

• Electrical Characteristics

Watts	175 W
Lamp Voltage	132 V
Lamp Current	1.5 A
Ignition Time	120 (max) s

Re-ignition Time [min]	8 (max) min
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• Environmental Characteristics

Mercury (Hg) Content	28 (max) mg
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• Luminaire Design Requirements

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

• Product Dimensions

Light Center Length L	5 in
Max Overall Length (MOL) - C	8.313 (max) in
Diameter D	3.5 in

• Footnotes

Footnotes HID	374 [Performance may not be satisfactory unless operated within specified operating positions. (374)]
Footnotes HID	377 [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

PHILIPS

sense and simplicity

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Footnotes HID must not be operated at 1500W. (377)
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 385 [Rated life: Vertical +/- 15
 degrees. Other positions 75% of
 vertical life. (385)]

• **Product Data**

Product number 287284

Full product name Switch Start MH Std 175W/640 Mog
 ED28 CO
 Short product name SS MH Std 175W/640 Mog ED28 CO
 Pieces per Sku 1
 Skus/Case 12
 Bar code on pack 046677287283
 Bar code on case 50046677287288
 Logistics code(s) 928601150401

Warnings and Safety

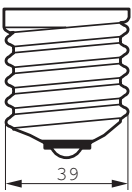
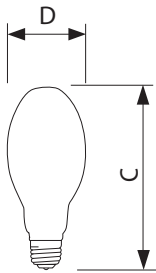
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will

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)

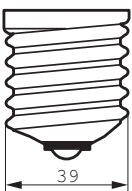
Dimensional drawing

Switch Start MH Std 175W/640 Mog ED28 CO

Product	C (Max)	D (Norm)
MH R 175W/640 E39 ED28 CO U	8.313	3.5



E39



E39



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data subject to change