



Switch Start Metal Halide Standard

Switch Start MH Std 250W/735 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	735 [CCT of 3500K]
Color Rendering Index	70 Ra8
Color Designation	White
Color Temperature	3700 K
Color Temperature technical	3700 K
Initial Lumens	19500 Lm
Luminous Efficacy Lamp	78 Lm/W
Design Mean Lumens	12500 Lm
Chromaticity Coordinate X	0.400 -
Chromaticity Coordinate Y	0.395 -

• Electrical Characteristics

Watts	250 W
Lamp Voltage	133 V
Lamp Current	2.1 A
Ignition Time	120 (max) s

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

Mercury (Hg) Content	36.0 (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	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 must not be operated at 1500V. (377)]
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PHILIPS

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

Footnotes HID 393 [Vertical lumens. Horizontal lumens 6%–10% lower. (393)]

• **Product Data**

Product number 291690
 Full product name Switch Start MH Std 250W/735 Mog ED28 CO
 ED28 CO

Short product name SS MH Std 250W/735 Mog ED28 CO
 Pieces per Sku 1
 eop_pck_cfg 12
 Skus/Case 12
 Bar code on pack 46677291693
 Bar code on case 50046677291698
 Logistics code(s) 928601150901
 eop_net_weight_pp 0.001 kg

Warnings and Safety

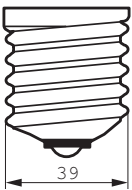
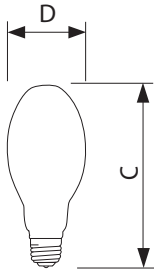
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will

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

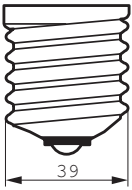
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Product	C (Max)	D (Norm)
MH R 250W/735 E39 ED28 CO U	8.313	3.5



E39

Dimensional drawing



E39



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www.philips.com/lighting

2014, February 1
data subject to change