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 wih 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
Chromaticity Coordinate X	400 -
Chromaticity Coordinate Y	395 -
Initial Lumens	19500 Lm
Luminous Efficacy Lamp	78 Lm/W
Design Mean Lumens	12500 Lm

- 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

- Environmental Characteristics

Mercury (Hg) Content	36 (max) mg

- 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 1500W. (377)]

PHILIPS

sense and simplicity

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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)]

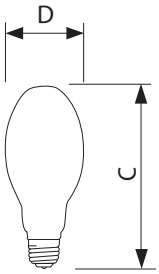
- Product Data

Product number	291690
Full product name	Switch Start MH Std 250W/735 Mog ED28 CO
Short product name	SS MH Std 250W/735 Mog ED28 CO
Pieces per Sku	1
Skus/Case	12
Bar code on pack	046677291693
Bar code on case	50046677291698
Logistics code(s)	928601150901

Warnings and Safety

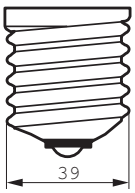
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope ot the lamp is broken or puntured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precuations are used. Certain lamps that will automaticallly 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



E39, ED-28

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



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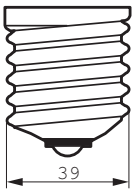

E39

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www.philips.com/lighting

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data subject to change