



Mercury Vapor Standard

Mercury Vapor 175W Mog ED28

Mercury Vapor lamps feature low initial cost, but have higher operating costs than HPS or Metal Halide due to its lower efficiency. The clear mercury bulb has a bluish green appearance and the Deluxe White has a higher color rendering. Mercury lamps get dimmer over time and rarely burn out, so it is wise to replace them and restore light level.

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
Rated Avg. Life	24000 hr

• Light Technical Characteristics

Color Temperature	4100 K
Color Temperature technical	4100 K
Initial Lumens	7900 Lm
Luminous Efficacy	45 Lm/W
Lamp	
Design Mean Lumens	7300 Lm
Chromaticity Coordinate X	381 -
Chromaticity Coordinate Y	383 -

• Electrical Characteristics

Watts	175 W
Lamp Voltage	130 V
Lamp Current	1.5 A
Ignition Time	10 (max) s
Re-ignition Time [min]	10 (max) min

• Environmental Characteristics

Mercury (Hg) Content	34.5 (max) mg
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• Luminaire Design Requirements

Cap-Base Temperature	210 (max) C
Bulb Temperature	350 (max) C

• Product Dimensions

Light Center Length L	4.8 in
Max Overall Length (MOL) - C	8.313 (max) in
Diameter D	3.5 in

• Product Data

Product number	248054
Full product name	Mercury Vapor 175W Mog ED28
Short product name	H39KC-175/DX FULL CT 12PK
Pieces per Sku	1
eop_pck_cfg	12
Skus/Case	12
Bar code on pack	46677248055
Bar code on case	50046677248050
Logistics code(s)	928601011012
eop_net_weight_pp	0.155 kg

PHILIPS

Warnings and Safety

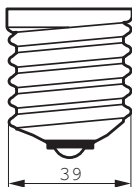
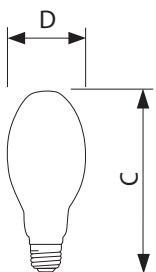
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or

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

Mercury Vapor 175W Mog ED28

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



E39



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data subject to change