



Pulse Start Metal Halide Standard

MS400/BU/ED28/PS 12PK

Philips Pulse Start Metal Halide Lamps offer an optimized metal halide system for greater efficiency and lumen maintenance.

PHILIPS

Pulse Start Metal Halide Standard

Product data

• General Information

Cap-Base	Mogul [Mogul]
Operating Position	Base Up +/- 15 D [Base Up +/- 15 D]
Main Application	General Lighting (G)
Life To 50% Failures (Nom)	20000 h
ANSI Code HID	M155/M135/E
System Description	Pulse Start

• Light Technical

Color Code	640 [CCT of 4000K]
Luminous Flux (Rated) (Min)	42000 lm
Luminous Flux (Rated) (Nom)	44000 lm
Color Designation	Cool White (CW)
Chromaticity Coordinate X (Nom)	385
Chromaticity Coordinate Y (Nom)	390
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Min)	105 lm/W
Luminous Efficacy (rated) (Nom)	110 lm/W
Color Rendering Index (Nom)	68

• Operating and Electrical

Lamp Current (Nom)	3.2 A
Ignition Supply Voltage (Min)	254 V
Re-Ignition Time (Min) (Max)	6 min

Voltage (Max)	150 V
Voltage (Min)	120 V
Voltage (Nom)	135 V

• Mechanical and Housing

Bulb Finish	Clear (CL)
Cap-Base Information	Nic/Brass
Bulb Material	Hard Glass

• Approval and Application

Mercury (Hg) Content (Max)	40.3 mg
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• Luminaire Design Requirements

Bulb Temperature (Max)	450 °C
Cap-Base Temperature (Max)	230 °C

• Product Data

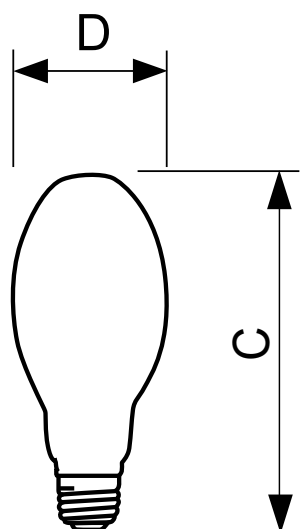
Order product name	Pulse Start MH Std 400W/640 CW
	Mog ED28 1SL
EAN/UPC - Product	046677232528
Order code	232520
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601165501
Net Weight (Piece)	0.001 kg

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)

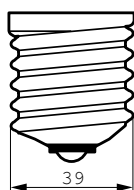
Dimensional drawing



E39, ED-28

MH PS 400W/640 E39 ED28 CL BU

Product	D	C
Pulse Start MH Std 400W/640 CW Mog ED28 1SL	3.5 in	8.3 in



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data subject to change