



# Pulse Start Metal Halide Standard

Pulse Start MH Std 320W/640 Mog ED28 CL

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

## Product data

### • General Characteristics

System Description	Pulse Start
Base	Mogul [Mogul]
Base Information	Nic/Brass [Nickel/Brass Base]
Bulb	ED28
Bulb Material	Hard Glass
Bulb Finish	Clear
Operating Position	Universal [Any or Universal (U)]
Main Application	General Lighting
RatedAvgLife(See Family Notes)	20000 hr

### • Light Technical Characteristics

Color Code	640 [CCT of 4000K]
Color Rendering Index	62 Ra8
Color Designation	Cool White
Color Temperature	4100 K
Color Temperature technical	4100 K
Initial Lumens	30000 Lm
Luminous Efficacy Lamp	93.8 Lm/W
Design Mean Lumens	21000 Lm
Chromaticity Coordinate X	380 -
Chromaticity Coordinate Y	394 -

### • Electrical Characteristics

Watts	320 W
Lamp Voltage	132 V
Lamp Current	2.6 A
Ignition Time	120 (max) s

Re-ignition Time [min]	10 (max) min
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### • Environmental Characteristics

Mercury (Hg) Content	39.5 (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	902 [Exclusive to Philips Lighting Company.]
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### • Product Data

Product number	383810
Full product name	Pulse Start MH Std 320W/640 Mog ED28 CL
Short product name	PS MH Std 320W/640 Mog ED28 CL
Pieces per Sku	1
eop_pck_cfg	12
Skus/Case	12
Bar code on pack	46677383817

**PHILIPS**

# Pulse Start Metal Halide Standard

Bar code on case 50046677383812  
Logistics code(s) 928601152501

eop\_net\_weight\_pp 0.001 kg

## Warnings and Safety

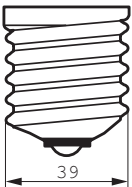
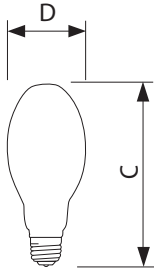
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will

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

### Pulse Start MH Std 320W/640 Mog ED28 CL

Product	C (Max)	D (Norm)
MH PS 320W/640 E39 ED28 U	8.313	3.5



E39



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2014, February 1  
data subject to change