



# Pulse Start Metal Halide Standard

Pulse Start MH Std 400W/640 Mog ED28 1WR

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 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	Horizontal +/-15D [Parallel +/-15D or Horizontal(HOR)]
Main Application	General Lighting
RatedAvgLife(See Family Notes)	20000 hr

### • Light Technical Characteristics

Color Code	640 [CCT of 4000K]
Color Rendering Index	68 Ra8
Color Designation	Cool White
Color Temperature	4000 K
Color Temperature technical	4000 K
Initial Lumens	40000 Lm
Luminous Efficacy Lamp	100 Lm/W
Chromaticity Coordinate X	385 -
Chromaticity Coordinate Y	390 -

### • Electrical Characteristics

Watts	400 W
Lamp Voltage	135 V
Lamp Current	3.2 A
Re-ignition Time [min]	6 (max) min

### • Environmental Characteristics

Mercury (Hg) Content	39.0 (max) mg
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### • UV-related Characteristics

### • Luminaire Design Requirements

Cap-Base Temperature	230 (max) C
Bulb Temperature	450 (max) C

### • Product Dimensions

Light Center Length L	5 in
Max Overall Length (MOL) - C	8.3 (max) in
Diameter D	3.5 in

### • Product Data

Product number	232538
Full product name	Pulse Start MH Std 400W/640 Mog ED28 1WR
Short product name	PS MH Std 400W/640 Mog ED28 1WR
Pieces per Sku	1
eop_pck_cfg	12
Skus/Case	12
Bar code on pack	46677232535
Bar code on case	50046677232530
Logistics code(s)	928601165601
eop_net_weight_pp	0.001 kg

## Warnings and Safety

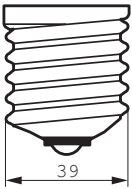
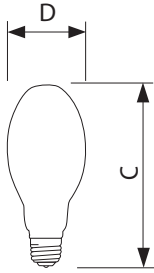
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will

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 400W/640 Mog ED28 1WR

Product	C (Max)	D (Norm)
MH PS 400W/640 E39 ED28 CL HOR	8.3	3.5



E39



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2014, February 1  
data subject to change