



Switch Start Metal Halide Standard

Switch Start MH Std 400W CO U

High performance, Long life and Superior light quality A compact, energy efficient metal halide lamp that provides crisp, sparkling light with long life and high efficiency.

Product data

• General Characteristics

Base	Mogul [Mogul]
Base Information	Brass [Brass Base]
Bulb	ED37
Bulb Material	Hard Glass
Bulb Finish	Coated
Operating Position	Universal [Any or Universal (U)]
Main Application	General Lighting
RatedAvgLife(See Family Notes)	20000 hr
Energy Saving	Not Applicable

• Light Technical Characteristics

Color Code	635 [CCT of 3500K]
Color Rendering Index	65 Ra8
Color Designation	White
Color Temperature	3600 K
Color Temperature technical	3600 K
Initial Lumens	38000 Lm
Luminous Efficacy Lamp	95 Lm/W
Lumen Maintenance - 40% life	60 %
Design Mean Lumens	22800 Lm
Chromaticity Coordinate X	0.400 -
Chromaticity Coordinate Y	0.395 -

• Electrical Characteristics

Watts	400 W
Lamp Voltage	135 V
Lamp Current	3.25 A

Ignition Time	120 (max) s
Re-ignition Time [min]	12 (max) min

• Environmental Characteristics

Mercury (Hg) Content	52 (max) mg
Picogram per Lumen Hour	114 p/LuHr

• UV-related Characteristics

Damage Factor D/fc	0.51 -
PET (NIOSH)	204 h500lx
UV A	19.23 mW/cm ²
UV B	0.06 mW/cm ²
UV C	0.01 mW/cm ²

• Luminaire Design Requirements

Cap-Base Temperature	210 (max) C
Bulb Temperature	400 (max) C

• Product Dimensions

Light Center Length L	7 in
Max Overall Length (MOL) - C	11.5 (max) in
Diameter D	4.625 in

• Product Data

Product number	415208
Full product name	Switch Start MH Std 400W CO U

Switch Start Metal Halide Standard

Short product name MH400/C/U 6PK
Pieces per Sku 1
eop_pck_cfg 6
Skus/Case 6

Bar code on pack 46677415204
Bar code on case 50046677415209
Logistics code(s) 928601172401
eop_net_weight_pp 0.001 kg

Warnings and Safety

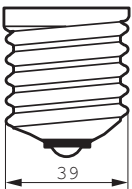
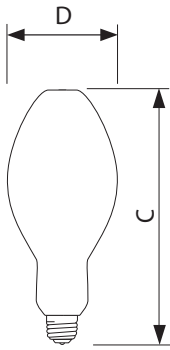
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will

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)

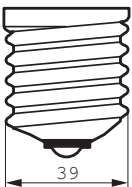
Dimensional drawing

Switch Start MH Std 400W CO U

Product	C (Max)	D (Norm)
MH R 400W/635 E39 ED37 CO U	11.5	4.625



E39



E39



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data subject to change