

Switch Start Metal Halide Standard

Switch Start MH Std 400W ED37 CL 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	Clear
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	640 [CCT of 4000K]
Color Rendering Index	65 Ra8
Color Designation	Cool White
Color Temperature	3900 K
Color Temperature technical	3900 K
Initial Lumens	39000 Lm
Luminous Efficacy Lamp	97.5 Lm/W
Lumen Maintenance - 40% life	65 %
Design Mean Lumens	25350 Lm
Chromaticity Coordinate X	0.385 -
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	52.0 (max) mg
Picogram per Lumen Hour	102.6 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

• Footnotes

Footnotes HID	377 [Requires a ballast specified or approved for Philips metal halide]
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data subject to change