



Switch Start Metal Halide Standard

MH400/U 6PK

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 Information		Operating and Electrical	
Cap-Base	E39 [Single Contact Mogul Screw]	Luminous Flux (Rated) (Nom)	39000 lm
Operating Position	Universal [Universal]	Color Designation	Cool White (CW)
Main Application	General Lighting (G)	Lumen Maintenance - 40% Life	65 %
Life to 50% Failures (Nom)	20000 h	Design Mean Lumens	25350 lm
ANSI Code HID	M59/E	Chromaticity Coordinate X (Nom)	0.385
Footnotes HID 1	Requires a ballast specified or approved for Philips metal halide lamps, or one that is designed to operate all popular brands of metal halide lamps. 1000W types will operate from H36 conventional lag type ballast for Mercury Vapor lamps at ambient temperatures of 50 degrees F or higher. 1000W types must not be operated at 1500W. (377)	Chromaticity Coordinate Y (Nom)	0.395
Footnotes HID 2	Rated life: Vertical +/- 15 degrees. Other positions 75% of vertical life. (385)	Correlated Color Temperature (Nom)	3900 K
Footnotes HID 3	Vertical lumens. Horizontal lumens 6%–10% lower. (393)	Luminous Efficacy (Rated) (Min)	85 lm/W
		Luminous Efficacy (rated) (Nom)	97.5 lm/W
		Color Rendering Index (Nom)	65
Light Technical			
Color Code	640 [CCT of 4000K]	Lamp Current (Nom)	3.25 A
Luminous Flux (Rated) (Min)	34000 lm	Ignition Supply Voltage (Min)	350 V
		Re-Ignition Time (Min) (Max)	12 min
		Ignition Time (Max)	120 s
		Voltage (Max)	150 V
		Voltage (Min)	120 V
		Voltage (Nom)	135 V

Switch Start Metal Halide Standard

Mechanical and Housing

Bulb Finish	Clear
Cap-Base Information	Brass [Brass Base]
Bulb Material	Hard Glass

Approval and Application

Energy Saving Product	Not Applicable
Picogram Per Lumen Hour	102.6 pg/lm.h
Mercury (Hg) Content (Nom)	38 mg

UV

Pet (Niosh) (Nom)	204 h/500lx
Damage Factor D/fc (Nom)	0.51

Luminaire Design Requirements

Bulb Temperature (Max)	400 °C
Cap-Base Temperature (Max)	210 °C

Product Data

Order product name	MH400/U 6PK
EAN/UPC - Product	046677274498
Order code	274498
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	928601172301
Net Weight (Piece)	0.001 kg

Warnings and Safety

Dimensional drawing

Product	D	C (max)
MH400/U 6PK	4.625 in	11.5 in

MH R 400W/640 E39 ED37 U

