



Switch Start Metal Halide Standard

MH1500/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.

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)

Product data

General Information		Footnotes HID 4	
Cap base	E39 [Single Contact Mogul Screw]		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)
Burning Position	H15 [Hanging +/-15D or Base Up (BU)]		
Main application	General Lighting (G)		
Life to 50% failures (nom.)	6000 h		
ANSI code HID	M48/E		
Footnotes HID 1	Electrically insulated support for bulb may be required, especially in horizontal and nearly horizontal operating positions. (359)		
Footnotes HID 2	Performance may not be satisfactory unless operated within specified operating positions. (374)		
Footnotes HID 3	If specified operating position is base up or base down to horizontal, this permits 15 degrees beyond the horizontal. (375)		
Light Technical			
Colour Code	640 [CCT of 4,000 K]		
Lamp Luminous Flux (Nom)	170000 lm		
Colour Designation	White (WH)		
Lumen maintenance – 40% life	65 %		
Design mean lumens	136000 lm		

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Chromaticity coordinate X (nom.)	0.385
Chromaticity coordinate Y (nom.)	0.390
Colour Temperature, horizontal (Nom)	4000 K
Lamp Luminous Efficacy EM (Nom)	113 lm/W
Colour Rendering Index, horiz (Nom)	65

Operating and Electrical

Lamp current (nom.)	6.2 A
Ignition supply voltage (min.)	370 V
Re-ignition time (min.) (max.)	15 min
Ignition time (max.)	120 s
Voltage (Max)	283 V
Voltage (Min)	253 V
Voltage (Nom)	268 V

Mechanical and Housing

Lamp Finish	Clear
Cap-base information	Nic/Brass
Bulb material	Hard Glass

Approval and Application

Energy-saving product	Not Applicable
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Mercury (Hg) content (nom.)	228.0 mg
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UV

PET (NIOSH) (nom.)	37.5 h/500lx
Damage factor D/fc (nom.)	0.60

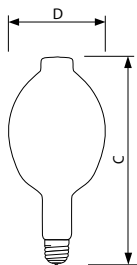
Luminaire Design Requirements

Bulb temperature (max.)	430 °C
Cap-base temperature (max.)	250 °C

Product Data

Order product name	MH1500/U 6PK
EAN/UPC – product	046677131623
Order code	928601179401
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
Material no. (12 NC)	928601179401
SAP net weight (piece)	0.400 kg

Dimensional drawing



MH R 1500W/635 E39 BT56 CL BU

Product	D	C (max)
MH1500/U 6PK	7 in	15.4 in

