Switch Start Metal Halide Standard

MH175/U 12PK

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

Product data

General Information	
Cap-Base	E39 [Single Contact Mogul Screw]
Bulb Shape	ED28 [ED28]
Operating Position	Universal [Universal]
Main Application	General and Street Lighting
Life To 50% Failures (Nom)	10000 h
ANSI Code HID	M57/E
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)
Footnotes HID 2	Rated life: Vertical +/- 15 degrees. Other positions 75% of vertical life. (385)
Footnotes HID 3	Vertical lumens. Horizontal lumens 6%–10% lower. (393)

Light Technical	
Color Code	640 [CCT of 4000K]
Luminous Flux (Rated) (Min)	12250 lm
Luminous Flux (Rated) (Nom)	14700 lm
Color Designation	Cool White (CW)
Lumen Maintenance - 40% Life	68 %
Lumen Maintenance - 10% Life	90 %
Design Mean Lumens	8775 lm
Chromaticity Coordinate X (Nom)	0.375
Chromaticity Coordinate Y (Nom)	0.400
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Min)	70 lm/W
Luminous Efficacy (rated) (Nom)	84 lm/W
Color Rendering Index (Nom)	65

Operating and Electrical	
Lamp Current (Nom)	1.5 A
Ignition Supply Voltage (Min)	350 V
Re-Ignition Time (Min) (Max)	8 min
Ignition Time (Max)	120 s
Voltage (Max)	147 V
Voltage (Min)	117 V
Voltage (Nom)	132 V

Switch Start Metal Halide Standard

Mechanical and Housing	
Bulb Finish	Clear (CL)
Cap-Base Information	Brass [Brass Cap]
Bulb Material	Hard Glass

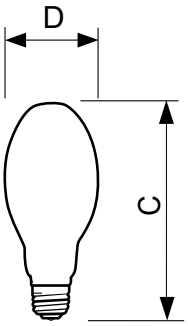
Approval and Application	
Energy Saving Product	Not Applicable
Picogram Per Lumen Hour	255.1 pg/lm.h
Mercury (Hg) Content (Max)	28.0 mg

UV	
Pet (Niosh) (Nom)	192.3 h/500lx
Damage Factor D/fc (Nom)	0.420

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

Product Data	
Order product name	MH175/U 12PK
EAN/UPC - Product	046677287337
Order code	287334
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601150313
Net Weight (Piece)	0.001 kg

Dimensional drawing



MH R 175W/640 E39 ED28 U

Product	D	C
MH175/U 12PK	3.5 in	8.313 in

© 2016 Philips Lighting Holding B.V. All rights reserved. Philips Lighting reserves the right to make changes in specifications and/or to discontinue any product at any timewithout notice or obligation and will not be liable for any consequences resulting from the use of this publication.