



Switch Start Metal Halide Standard

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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.

Features

- Long life up to 20,000 hours for 360 and 400 watt lamps.
- Up to 100 lumens per watt.

Application

- Ideal for industrial and retail high/low bays, and parking lots.

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)

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Versions

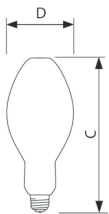
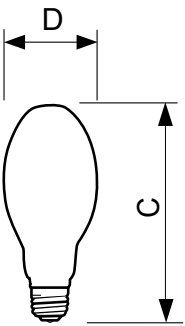
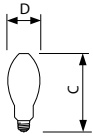


175 W Single Contact Medium
Screw BD-17 Clear CCT of 4000K



E39, BT-37, Clear

Dimensional drawing



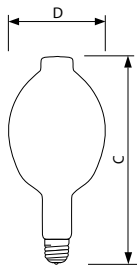
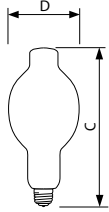
Product	D	C (max)
MH175/U/M 12PK	2.125 in	5.438 in

Product	D	C (max)
MH175/U 12PK	3.5 in	8.313 in
MH250/U 12PK	3.5 in	8.313 in
MH400/U/ED28 12PK	3.5 in	8.313 in
MH150/U/M 12PK	2.125 in	5.438 in

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

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Dimensional drawing



Product	D	C (max)
MH1000/U/BT37 6PK	4.6 in	11.5 in

Product	D	C (max)
MH1000/U 6PK	7 in	15.375 in

Approval and application	
Energy Saving Product	Not Applicable
General information	
Operating Position	Universal
Light technical	
Color Code	640
Mechanical and housing	
Bulb Finish	Clear
Bulb Material	Hard Glass

Approval and application

Order Code	Full Product Name	Mercury (Hg)		
		Content (Max)	Mercury (Hg) Content (Nom)	Picogram Per Lumen Hour
313585	MH175/U/M 12PK	24.0 mg	-	-
287334	MH175/U 12PK	-	28 mg	255.1 pg/lm.h
274845	MH250/U 12PK	-	33 mg	215.1 pg/lm.h
426023	MH400/U/ED28 12PK	52.0 mg	-	-

Order Code	Full Product Name	Mercury (Hg)		
		Content (Max)	Mercury (Hg) Content (Nom)	Picogram Per Lumen Hour
274498	MH400/U 6PK	-	38 mg	102.6 pg/lm.h
354621	MH150/U/M 12PK	-	23 mg	199.4 pg/lm.h
415224	MH1000/U 6PK	151.0 mg	-	176 pg/lm.h
321505	MH1000/U/BT37 6PK	-	151.0 mg	176 pg/lm.h

Operating and electrical

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Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Max)	Voltage (Min)	Voltage (Nom)	Power (Nom)	Re-Ignition Time (Min) (Max)
313585	MH175/U/M 12PK	1.5 A	147 V	117 V	132 V	-	15 min
287334	MH175/U 12PK	1.5 A	147 V	117 V	132 V	-	8 min
274845	MH250/U 12PK	2.1 A	148 V	118 V	133 V	-	8 min
426023	MH400/U/ED28 12PK	3.25 A	150 V	120 V	135 V	400 W	12 min
274498	MH400/U 6PK	3.25 A	150 V	120 V	135 V	400 W	12 min
354621	MH150/U/M 12PK	1.5 A	120 V	100 V	110 V	-	15 min
415224	MH1000/U 6PK	4.1 A	288 V	238 V	263 V	-	15 min
321505	MH1000/U/BT37 6PK	4.1 A	-	-	263 V	-	15 min

General information

Order Code	Full Product Name	Cap-Base	Life To 50% Failures (Nom)	Main Application	Order Code	Full Product Name	Cap-Base	Life To 50% Failures (Nom)	Main Application
313585	MH175/U/M 12PK	E26	10000 h	General Lighting (G)	426023	MH400/U/ED28 12PK	E39	20000 h	General Lighting (G)
287334	MH175/U 12PK	E39	10000 h	General and Street Lighting	274498	MH400/U 6PK	E39	20000 h	General Lighting (G)
274845	MH250/U 12PK	E39	10000 h	General and Street Lighting	354621	MH150/U/M 12PK	E26	10000 h	General Lighting (G)
					415224	MH1000/U 6PK	E39	12000 h	General Lighting (G)
					321505	MH1000/U/BT37 6PK	E39	12000 h	General Lighting (G)

Luminaire design requirements

Order Code	Full Product Name	Bulb Temperature (Max)	Order Code	Full Product Name	Bulb Temperature (Max)
313585	MH175/U/M 12PK	450 °C	274498	MH400/U 6PK	400 °C
287334	MH175/U 12PK	400 °C	354621	MH150/U/M 12PK	400 °C
274845	MH250/U 12PK	400 °C	415224	MH1000/U 6PK	430 °C
426023	MH400/U/ED28 12PK	400 °C	321505	MH1000/U/BT37 6PK	450 °C

Light technical (1/2)

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Designation	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)	Lumen Maintenance - 10% Life	Lumen Maintenance - 40% Life
313585	MH175/U/M 12PK	0.385	0.390	Cool White (CW)	4000 K	65	-	-
287334	MH175/U 12PK	0.375	0.400	Cool White (CW)	4000 K	65	90 %	68 %
274845	MH250/U 12PK	0.385	0.395	Cool White (CW)	4000 K	65	-	-
426023	MH400/U/ED28 12PK	0.390	0.400	Cool White (CW)	4000 K	57	-	-
274498	MH400/U 6PK	0.385	0.395	Cool White (CW)	3900 K	65	-	65 %
354621	MH150/U/M 12PK	0.385	0.390	White (WH)	4000 K	65	-	65 %
415224	MH1000/U 6PK	0.385	0.390	White (WH)	4000 K	65	-	65 %
321505	MH1000/U/BT37 6PK	0.385	0.390	Cool White (CW)	4000 K	65	-	65 %

Light technical (2/2)

Order Code	Full Product Name	Luminous Efficacy (rated) (Min)	Luminous Efficacy (rated) (Nom)	Luminous Design Mean Lumens	Luminous Flux (Rated) (Min)	Luminous Flux (Rated) (Nom)	Order Code	Full Product Name	Luminous Efficacy (rated) (Min)	Luminous Efficacy (rated) (Nom)	Luminous Design Mean Lumens	Luminous Flux (Rated) (Min)	Luminous Flux (Rated) (Nom)
313585	MH175/U/M 12PK	70 lm/W	80 lm/W	9100 lm	-	14000 lm	274845	MH250/U 12PK	76.5 lm/W	85 lm/W	13500 lm	19125 lm	21250 lm
287334	MH175/U 12PK	70 lm/W	84 lm/W	8775 lm	12250 lm	14700 lm	426023	MH400/U/ED28 12PK	80 lm/W	90 lm/W	24000 lm	32000 lm	36000 lm

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Order Code	Full Product Name	Luminous Efficacy (rated) (Min)	Luminous Efficacy (rated) (Nom)	Design Mean Lumens	Luminous Flux (Rated) (Min)	Luminous Flux (Rated) (Nom)
274498	MH400/U 6PK	85 lm/W	98 lm/W	25350 lm	34000 lm	39000 lm
354621	MH150/U/M 12PK	-	90 lm/W	8775 lm	-	13500 lm

Order Code	Full Product Name	Luminous Efficacy (rated) (Min)	Luminous Efficacy (rated) (Nom)	Design Mean Lumens	Luminous Flux (Rated) (Min)	Luminous Flux (Rated) (Nom)
415224	MH1000/U 6PK	-	110 lm/W	71500 lm	-	110000 lm
321505	MH1000/U/BT37 6PK	-	110 lm/W	71500 lm	-	110000 lm

Mechanical and housing

Order Code	Full Product Name	Bulb Shape
313585	MH175/U/M 12PK	BD17
287334	MH175/U 12PK	ED28
274845	MH250/U 12PK	ED28
426023	MH400/U/ED28 12PK	ED28

Order Code	Full Product Name	Bulb Shape
274498	MH400/U 6PK	ED37
354621	MH150/U/M 12PK	ED17
415224	MH1000/U 6PK	BT56
321505	MH1000/U/BT37 6PK	BT37

