

175W Halide Ballast Package

EPL-H-175MH-BALL

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).

EPL-H-175MH-BALL

Dimensions: Capacitor - 3.75" H x 1.65" Dia Core - 5.1" W x 4.41" L

Power Factor: 90%

Starting Line Current: 0.5A @ 120V, 0.28A @ 208V, 0.22A @ 240V, 0.2A @ 277V

Open Circuit Line Current: 2A @ 120V, 1.16A @ 208V, 1.15A @ 240V, 0.85A @ 277V

Operating Line Current: 1.78A @ 120V, 1.08A @ 208V, 0.89A @ 240V, 0.76A @ 277V

Minimum Ambient Starting Temperature: -30°C

Nominal Open Circuit Voltage: 285

Input Voltage at Lamp Dropout: 65 @ 10V, 115 @ 208V, 137 @ 240V and 155 @ 277V

Input Watts: 198

Recommended Fuse: 5 amps @ 120V, 3 amps @ 208V and 240V, 2 amps @ 277V

Capacitor Requirements: 11 Microfarads, 30 Volts

High Potential Test: 1 minute- 2000 volts, 2 seconds- 2500 volts

Open Circuit Voltage Test: 250-300

Short Circuit Current Test - Input Current: 0.4-0.6 on 120V, 0.23-0.34 on 208V, 0.17-0.26 on 240V and 0.16-0.25 on 277V

Short Circuit Current Test - Secondary Current: 1.60-1.96

Ratings

UL Insulation Class H

Coil Temperature Code 1029

Special Orders- Requirements

Contact us for special requirements

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Made in the USA

The Larson Electronics EPL-H-175MH-BALL is a 175W Metal Halide Ballast Package that operates on 120-277V AC @ 60 Hz on a SUPER-CWA circuit with a power factor of 90%. This metal halide ballast has a nominal open circuit voltage of 285 and a minimum ambient operating temperature of -30°C.

This metal halide ballast package is rated at 1.78 operating amps on standard 120V, 2 amps as an open circuit and 0.5 amps starting, and has a recommended fuse of 5 amps on 120V, 3 amps on 208V and 240V, and 2 amps on 277V. The input voltage is 65 @ 10V, 115 @ 208V, 137 @ 240V and 155 @ 277V at lamp dropout, with 198 input watts. Line volts and lamp watts are both $\pm 10\%$.

The capacitor requires 11 microfarads and a minimum of 370 volts. The High Potential Test under 60 Hz Test Procedures yielded 2000 volts for 1 minute and 2500 volts for 2 seconds. The Open Circuit Test yielded 250-300 volts, while the Short-Circuit Current Test yielded 1.6-1.96 amps on the secondary current. The input current yields 0.4-0.6 on 120V, 0.23-0.34 on 208V, 0.17-0.26 on 240V and 0.16-0.25 on 277V.

This metal halide ballast package has a ballast to lamp distance of 2 feet and a capacitor/ignitor temperature rating of 105°C. This capacitor measures 3.75" tall by 1.65 inches in diameter. The 3 x 4 core, 2-coil unit measures 5.10 inches wide by 4.41 inches long.



Frequently Asked Questions (FAQ)

Links (Click on the below items to view):

- [ISO 9001 Certification](#)
- [Business Certificate](#)