

NEW PRODUCTS

Howard Industries

5-TAP HID BALLASTS



Howard Industries' new 5-Tap HID ballasts feature a voltage range of 120/208/240/277/480 all on the same ballast!

The 5-TAP BALLAST offers significant savings in material management. With the inclusion of virtually every voltage used in the United States, the 5-Tap ensures that you always have the right ballast on the job.

For distributors and contractors alike, the 5-Tap feature saves time, valuable shelf space, and truck stock space.

Each 5-Tap ballast is individually tested to ensure its compliance with Howard Industries' performance specifications.

The Howard Industries 5-Tap ballast family includes the 175W, 250W, and 400W Metal Halide as well as the 250W High Pressure Sodium, with additional products being developed for production soon.

HOWARD
INDUSTRIES, INC.



5-TAP HID BALLASTS

Howard Industries 5-Tap HID Ballast Performance Specifications

INPUT VOLTAGE	CATALOG NUMBER	CIRCUIT TYPE	INPUT POWER (WATTS)	NOM. LAMP WATTS	LAMP POWER		NOM. OPEN CIRC. VOLT.	CAPACITOR CATALOG NUMBER SPECIFICATIONS	TOTAL WT. (LBS)	IGNITOR PART NUMBER	UL BENCH TOP RISE CODE
					NOM. BALLAST FACTOR	MAXIMUM INPUT CURRENT					
175 WATT, ANSI Code M-57; 150 WATT, ANSI Code M-107 METAL HALIDE LAMP OR H-39 MERCURY LAMP											
120/208/240/277/480	M0175-81C-211	CWA	210/210/210/210/210	175	100%	1.83/1.10/0.91/0.81/0.45	300	10.0/400-(1 or 2)B	7.2	-	A/A/A/A/A
250 WATT, ANSI Code M-58 METAL HALIDE LAMP OR H-37 MERCURY LAMP											
120/208/240/277/480	M0250-81C-211	CWA	285/291/290/290/292	250	100%	2.6/1.5/1.3/1.1/0.7	305	15.0/400-(1 or 2)C	10	-	A/A/A/A/A
120/208/240/277/480	M0250-81C-212*	CWA	287/286/289/296/290	250	100%	2.5/1.4/1.3/1.1/0.6	290	15.0/400-(1 or 2)C	8.6	-	B/C/C/D/C
400 WATT, ANSI Code M-59 METAL HALIDE LAMP OR H-33 MERCURY LAMP											
120/208/240/277/480	M0400-81C-211	CWA	456/458/460/458/462	400	100%	4.1/2.3/2.0/1.7/1.0	305	24.0/400-(1 or 2)C	12	-	B/B/C/C/E
250 WATT, ANSI Code S-50 HIGH PRESSURE SODIUM LAMP											
120/208/240/277/480	S0250-81C-211	CWA	300/300/301/301/301	250	100%	2.55/1.55/1.30/1.10/0.65	194	35.0/240-(1 or 2)C	11.7	ST2000	A/B/A/A/A

* Core & Coil consists of copper primary and aluminum secondary



*The Howard Industries
5-Tap product line
is one more reason
to make your
lighting system
Powered by
Howard Ballast.*



For additional information regarding the 5-Tap HID products, please contact your local Howard Industries' representative or Howard Industries at 1-800-956-3456.

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