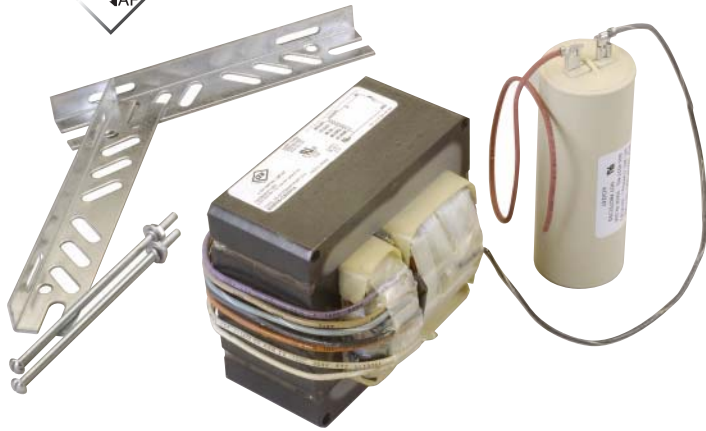


ONLY THE ORIGINAL...^{***}



...expands our V-Tap offering so we can better serve our customers' needs

CEW's V-Tap series of ballasts offer all voltages required for U.S. commercial and industrial applications. Our expanded offering allows distribution the opportunity for better inventory management by stocking only one sku instead of two or more! Contractors benefit from the flexibility and ease of installing V-Tap lamp/ballast kits in retrofit applications. Both avoid the cost and inconvenience of returns because of installation errors. CEW's V-Tap offering is available in 175-1000W Metal Halide and 250-1000W High Pressure Sodium.

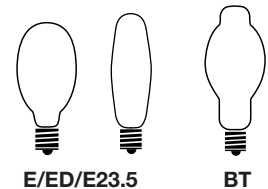
...provides virtually indestructible packaging

CEW's Lamp/Ballast Kit packaging has been imitated not duplicated. All components are double packed to withstand even the most turbulent handling. The specially designed outer carton, with ergonomic carrying handles, fits into compact areas and can be stacked for better space management. Lamp/Ballast Kits are color coded for quick lamp source identification. From the warehouse to the job site, CEW is the proven leader in Lamp/Ballast Kits.





...educates to ensure the right lamp/ballast kit is used for the fixture!

ANSI (American National Standards Institute) recently developed designations for Metal Halide and Pulse Start lamps clarifying the appropriate fixture for the specific lamp. Metal Halide and Pulse Start lamps are rated as E for Enclosed, S for Suitable, and O for Open.



- E** - Lamp must be used in enclosed fixtures which meet the requirements of UL 1598.
- S** - Lamps are considered suitable for open fixture operation only if operated in the vertical +/-15 degree position. Lamps do not meet ANSI criteria for self-containment and must be turned off at least once per week for 15 minutes if operated 24 hours per day, seven days a week.
- O** - Lamps can be operated in open or enclosed fixtures within the specified operating position limits. These types meet the ANSI criteria for containment rated operation. Special exclusionary sockets are available for these lamps.

We have noted the appropriate ANSI lamp designation on the Metal Halide and Pulse Start pages. For safety and welfare, please pay special attention to these codes when retrofitting fixtures with CEW Lamp/Ballast Kits.

CERTIFICATIONS: The Ballasts, Capacitors and Ignitors in the Lamp/Ballast Kits are  and  recognized by Underwriter's Laboratories, Inc.



METAL HALIDE LAMP/BALLAST KITS

WATTS	ANSI #	PRODUCT CODE	ORDERING CODE	LAMP	INITIAL LUMENS	MEAN LUMENS	AVERAGE LIFE	BALLAST #	CIRCUIT TYPE	INPUT WATTAGE	OPEN CIRCUIT VOLTAGE	CAPACITOR #	IGNITOR	INPUT VOLTAGE(S)	STARTING/OPERATING CURRENT	MAXIMUM CURRENT	UL 1029 TEMP CODE	APPROX. WEIGHT
175	M57/E	80152	RKM175/M	MX175/U	14400	9300	10000	8M4M-C500K	CWA	210W	320V	CAP10/400		120/208/240/277	1.8/1.1/9.8	1.8/1.1/9.8	C/D/D/C	6.8
	M57/E	80473	RKM175/M5	MX175/U	14400	9300	10000	8M4M5-C500K	CWA	208W	300V	CAP10/360		120/208/240/277/480	1.9/1.1/9.5/85.50	1.9/1.1/9.5/85.50	B/B/B/B/B	6.8
	M57/E	80297	RKM175SX/M	MSX175/BU	15000	9800	10000	8M4M-C500K	CWA	210W	320V	CAP10/400		120/208/240/277	1.8/1.1/9.8	1.8/1.1/9.8	C/D/D/C	6.8
	M57/E	80301	RKM175SXH/M	MSX175/HOR	15000	9800	10000	8M4M-C500K	CWA	210W	320V	CAP10/400		120/208/240/277	1.8/1.1/9.8	1.8/1.1/9.8	C/D/D/C	6.8
	M57/E	80153	RKM175/MED/M	MX175/U/MED	14400	9300	10000	8M4M-C500K	CWA	210W	320V	CAP10/400		120/208/240/277	1.8/1.1/9.8	1.8/1.1/9.8	C/D/D/C	6.8
	M57/E	80151	RKM175/480	MX175/U	14400	9300	10000	8M4D-C500K	CWA	211W	320V	CAP10/400		480	0.45	0.45	B	6.8
	M57/E	80298	RKM175SX/480	MSX175/BU	15000	9800	10000	8M4D-C500K	CWA	211W	320V	CAP10/400		480	0.45	0.45	B	6.8
	M57/E	80302	RKM175SXH/480	MSX175/HOR	15000	9800	10000	8M4D-C500K	CWA	211W	320V	CAP10/400		480	0.45	0.45	B	6.8
	M57/E	80277	RKM175/MED/480	MX175/U/MED	14400	9300	10000	8M4D-C500K	CWA	211W	320V	CAP10/400		480	0.45	0.45	B	6.8
	250	M58/E	80155	RKM250/M	MX250/U	22000	17000	10000	8M5M-C500K	CWA	289W	305V	CAP15/400		120/208/240/277	2.5/1.45/1.25/1.1	2.5/1.45/1.25/1.1	B/B/B/B
M58/E		80469	RKM250/M5	MX250/U	22000	17000	10000	8M5M5-C500K	CWA	288W	300V	CAP15/360		120/208/240/277/480	2.45/1.4/1.21/1.1/61	A/A/A/A/A	11	
M58/E		80299	RKM250SX/M	MSX250/BU	23000	15000	10000	8M5M-C500K	CWA	289W	305V	CAP15/400		120/208/240/277	2.5/1.45/1.25/1.1	B/B/B/B	9.3	
M58/E		80303	RKM250SXH/M	MSX250/HOR	23000	15000	10000	8M5M-C500K	CWA	289W	305V	CAP15/400		120/208/240/277	2.5/1.45/1.25/1.1	B/B/B/B	9.3	
M58/E		80154	RKM250/480	MX250/U	22000	17000	10000	8M5D-C500K	CWA	295W	305V	CAP15/400		480	0.63	0.63	B	8.8
M58/E		80300	RKM250SX/480	MSX250/BU	23000	15000	10000	8M5D-C500K	CWA	295W	305V	CAP15/400		480	0.63	0.63	B	8.8
M58/E		80304	RKM250SXH/480	MSX250/HOR	23000	15000	10000	8M5D-C500K	CWA	295W	305V	CAP15/400		480	0.63	0.63	B	8.8
M59/S		80161	RKM400/M	MX400/U	36000	23500	20000	8M6M-C500K	CWA	455W	300V	CAP24/360		120/208/240/277	4.0/2.3/2.0/1.75	D/D/E/E	10.7	
M59/S		80445	RKM400/M5	MX400/U	36000	23500	20000	8M6M5-C500K	CWA	452W	315V	CAP24/365		120/208/240/277/480	4.4/2.5/2.2/1.9/1.0	D/C/D/D/D	13.2	
M59/E		80169	RKM400SX/M	MSX400/BU	42000	26000	20000	8M6M-C500K	CWA	455W	300V	CAP24/360		120/208/240/277	4.0/2.3/2.0/1.75	D/D/E/E	10.7	
M59/E	80171	RKM400SXH/M	MSX400/HOR	40000	26000	20000	8M6M-C500K	CWA	455W	300V	CAP24/360		120/208/240/277	4.0/2.3/2.0/1.75	D/D/E/E	10.7		
M59/E	80446	RKM400SX/M5	MSX400/BU	42000	26000	20000	8M6M5-C500K	CWA	452W	315V	CAP24/365		120/208/240/277/480	4.0/2.3/2.0/1.7/1.0	D/C/D/D/D	13.2		
M59/E	80447	RKM400SXH/M5	MSX400/HOR	40000	26000	20000	8M6M5-C500K	CWA	452W	315V	CAP24/365		120/208/240/277/480	4.0/2.3/2.0/1.7/1.0	D/C/D/D/D	13.2		
M59/S	80160	RKM400/480	MX400/U	36000	23500	20000	8M6D-C500K	CWA	457W	300V	CAP24/360		480	1.00	1.00	E	11.5	
M59/E	80168	RKM400SX/480	MSX400/BU	42000	26000	20000	8M6D-C500K	CWA	457W	300V	CAP24/360		480	1.00	1.00	E	11.5	
M59/E	80170	RKM400SXH/480	MSX400/HOR	40000	26000	20000	8M6D-C500K	CWA	457W	300V	CAP24/360		480	1.00	1.00	E	11.5	
1000	M47/S	80140	RKM1000/M	MX1000/U	110000	88000	18000	8M8M-C500K	CWA	1080W	420V	CAP24/480		120/208/240/277	9.0/5.2/4.5/3.9	9.0/5.2/4.5/3.9	D/A/A/A	21.0
	M47/S	80448	RKM1000/M5	MX1000/U	110000	88000	18000	8M8M5-C500K	CWA	1080W	425V	CAP24/480		120/208/240/277/480	9.0/5.2/4.5/3.9/2.25	E/E/D/D/D	22.0	
	M47/E	80142	RKM1000SX/M	MSX1000/BU	115000	74800	12000	8M8M-C500K	CWA	1080W	420V	CAP24/480		120/208/240/277	9.0/5.2/4.5/3.9	D/A/A/A	21.0	
	M47/E	80305	RKM1000SXH/M	MSX1000/HOR	110000	77000	10000	8M8M-C500K	CWA	1080W	420V	CAP24/480		120/208/240/277	9.0/5.2/4.5/3.9	D/A/A/A	21.0	
	M47/E	80449	RKM1000SX/M5	MSX1000/BU	115000	74800	12000	8M8M5-C500K	CWA	1080W	425V	CAP24/480		120/208/240/277/480	9.0/5.2/4.5/3.9/2.25	E/D/D/D/D	22.0	
	M47/E	80450	RKM1000SXH/M5	MSX1000/HOR	110000	77000	10000	8M8M5-C500K	CWA	1080W	425V	CAP24/480		120/208/240/277/480	9.0/5.2/4.5/3.9/2.25	E/D/D/D/D	22.0	
	M47/S	80139	RKM1000/480	MX1000/U	110000	88000	18000	8M8D-C500K	CWA	1080W	420V	CAP24/480		480	2.25	2.25	C	21.0
	M47/E	80141	RKM1000SX/480	MSX1000/BU	115000	74800	12000	8M8D-C500K	CWA	1080W	420V	CAP24/480		480	2.25	2.25	C	21.0
	M47/E	80306	RKM1000SXH/480	MSX1000/HOR	110000	77000	10000	8M8D-C500K	CWA	1080W	420V	CAP24/480		480	2.25	2.25	C	21.0
	M48/E	80146	RKM1500/M	MX1500/BUH	170000	140000	3000	8M9M-C500K	CWA	1590W	430V	CAP32/525		120/208/240/277	13.3/7.5/6.7/5.7	G/G/G/G	32.0	
M48/E	80145	RKM1500/480	MX1500/BUH	170000	140000	3000	8M9D-C500K	CWA	1625W	450V	CAP32/525		480	3.40	3.40	E	31.0	

NO IGNITORS

*Temperature Range: A = < 75°C; B = 75°C < 80°C; C = 80°C < 85°C; etc. Contents: Medium or Mogul Base Lamp, Ballast, Capacitor, Ignitor (if needed), & Mounting Bracket. Mount Ignitor Within 2Ft. of the Lamp. Coated lamps available upon request.

