



## 5 GREAT ADVANTAGES 1 HANDY BOX

Universal Lighting's Multi-5™ Uni-Pak™ Ballast & Lamp Replacement Kit gives you everything you need for fast, error-free HID ballast and lamp replacement. This kit ensures that you always have the right voltage HID ballast for every application, reducing your HID ballast inventory up to 50%!

Multi-5™ Uni-Pak™ is the only HID replacement kit that offers these great benefits:

1. Gives you five taps in one: 120, 208, 240, 277 and 480 volt.
2. Packages the right ballast and lamp to ensure system compatibility — all in an easy-to-carry box.
3. Prewired capacitor (plus ignitor if needed) saves installation time and reduces wiring errors. And every capacitor offers trip fault protection.
4. Color-coded leads to reduce the risk of incorrect wiring inside the fixture.
5. Simple installation instruction and troubleshooting tips included.

Other outstanding features include:

- CWA circuit technology
- High Power Factor
- UL & CSA approved
- Precise Coil winding

Multi-5™ Uni-Pak™ from Universal Lighting offers a solution for all your HID needs.

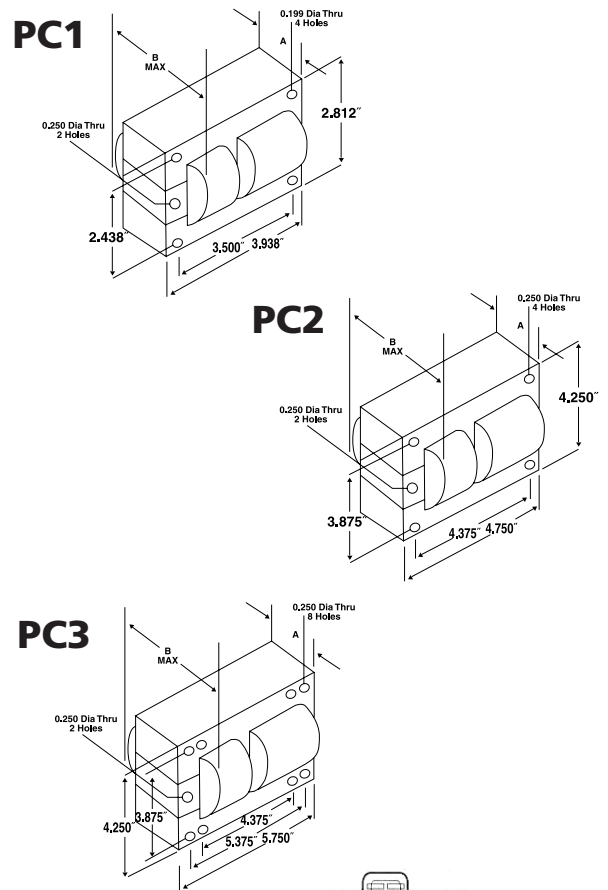
# Multi-5™ Uni-Pak™

**Ballast & Lamp Replacement Kit —  
The complete HID solution**

Catalog Number	UPC	Description	Weight
M175ML5AC3M555K	768386226901	175W MH M57 Multi-5™ Ballast & M57 Lamp Kit	9.6
M250ML5AC3M555K	768386205579	250W MH M58 Multi-5™ Ballast & M58 Lamp Kit	14.1
M400ML5AC4M555K	768386205432	400W MH M59 Multi-5™ Ballast & M59 Lamp Kit	14.7
M1000ML5AC5M555K	768386236993	1000W MH M47 Multi-5™ Ballast & M47 Lamp Kit	24.0
S250ML5AC4M555K	768386205586	250W HPS S50 Multi-5™ Ballast & S50 Lamp Kit	16.1
S400ML5AC4M555K	768386205593	400W HPS S51 Multi-5™ Ballast & S51 Lamp Kit	16.1
S1000ML5AC5M555K	768386237006	1000W HPS S52 Multi-5™ Ballast & S52 Lamp Kit	28

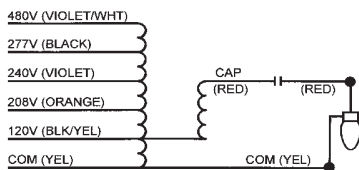
Multi-5™ Ballast Catalog Number	Lamp Type	Line Voltage	Line Amps	Cap	Ref. Dwg.
M175ML5AC3M	175W MH M57	120	1.90	10uF 400V	PC1
		208	1.10		
		240	0.95		
		277	0.85		
		480	0.50		
M250ML5AC3M	250W MH M58	120	2.60	15uF 400V	PC1
		208	1.50		
		240	1.30		
		277	1.20		
		480	0.70		
M400ML5AC4M	400W MH M59	120	4.00	24uF 400V	PC2
		208	2.30		
		240	2.00		
		277	1.70		
		480	1.00		
M1000ML5AC5M	1000W MH M47	120	8.80	24uF 480V	PC3
		208	5.20		
		240	4.40		
		277	3.90		
		480	2.30		
S250ML5AC4M	250W HPS S50	120	2.50	35uF 300V	PC2
		208	1.50		
		240	1.30		
		277	1.10		
		480	0.65		
S400ML5AC4M	400W HPS S51	120	3.90	55uF 240V	PC2
		208	2.25		
		240	1.95		
		277	1.70		
		480	1.00		
S1000ML5AC5M	1000W HPS S52	120	9.10	26uF 525V	PC3
		208	5.40		
		240	4.60		
		277	4.10		
		480	2.40		

## Dimensional Drawings

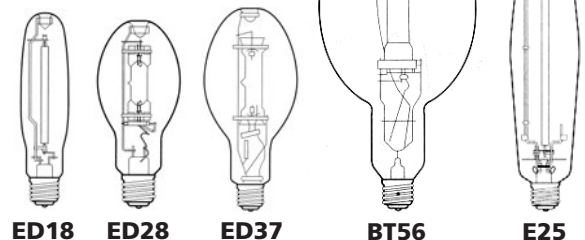
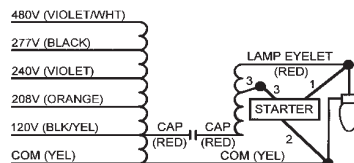


## Wiring Diagrams

### Metal Halide



### High Pressure Sodium



Multi-5 Ballast Dimensional Data									Uni-Pak Dimensional Data			
OVERALL DIMENSIONS					MOUNTING HOLES				PACKAGE DIMENSIONS			
BALLAST	LENGTH	HEIGHT	STACK	COILS	DIAM.	LENGTH	WIDTH	WT	LENGTH	HEIGHT	WIDTH	WT
M175ML5AC3M555K	3.94	2.81	2.30	3.60	0.25	3.50	2.44	6.8	11.5	10.0	5.0	9.6
M250ML5AC3M555K	3.94	2.81	3.00	4.30	0.25	3.50	2.44	9.0	12.1	6.8	12.1	14.1
M400ML5AC4M555K	4.75	4.25	2.00	3.86	0.25	4.38	3.88	11.2	12.6	6.6	14.0	14.7
M1000ML5AC5M555K	5.75	4.25	2.80	4.60	0.25	5.38	3.88	22.0	18.0	17.0	8.5	24.0
S250ML5AC4M555K	4.75	4.25	2.00	3.80	0.25	4.38	3.88	14.0	12.1	6.8	12.1	16.1
S400ML5AC4M555K	4.75	4.25	2.00	4.25	0.25	4.38	3.88	14.0	12.1	6.8	12.1	16.1
S1000ML5AC5M555K	5.75	4.25	3.80	5.50	0.25	4.38	3.88	26.0	18.0	17.0	8.5	28.0

### LAMP DATA

WATTAGE	DESCRIPTION	BULB	BASE	COLOR	CRI
175W MH	MVR175/U	ED28	Mogul	4000	65
250W MH	MVR250/U	ED28	Mogul	4200	65
400W MH	MVR400/U	ED37	Mogul	4000	65
1000W MH	MVR1000/U	BT56	Mogul	4000	65
250W HPS	LU250	ED18	Mogul	2100	22
400W HPS	LU400	ED18	Mogul	2100	22
1000W HPS	LU1000	E25	Mogul	2100	22

IT'S EASY TO REACH US



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All specification information is subject to change without notification. HIDUP0401