

- 50 Hz
- Minimum Starting Temperature: -40° C
- CWA, Normal and High Power factor models available

HID CORE & COIL BALLASTS 50 HERTZ

Input Volts	Catalog* Number	Circuit Type	Input Watts	Max Input Curr.	Nom Open Circuit Volt.	Fuse Rating	Wir Dia	Dimensions			Capacitor				Total Wt. (lbs.)	Ignitor		UL Bench Top Rise		
								Ref Dwg	A	B	µF	Min Volt	Dry Film			Oil Filled			Catalog Number	Max Dist. lamp
												Dia	Ht	Oval	Ht					
(1) 175 WATT M57 METAL HALIDE LAMP																				
230	M175230AC3M	CWA	205	1.17	312	2	14	PC1	2.25	3.55	12	400	1.56	3.74	1.5	3.13	6.7	n/a	n/a	C
(1) 250 WATT M58 METAL HALIDE LAMP																				
230	M250230AC3M	CWA	282	1.55	285	3	14	PC1	3.0	4.3	18	400	n/a	n/a	2.01x3.01	3.1	9.0	n/a	n/a	D
(1) 400 WATT M59 METAL HALIDE LAMP																				
230	M400230AC4M	CWA	435	2.44	300	5	14	PC2	2.13	3.73	28	425	n/a	n/a	1.91x2.91	3.9	13.0	n/a	n/a	D
(1) 1000 WATT M47 METAL HALIDE LAMP																				
230	M1000230AC5M	CWA	1080	5.33	405	15	14	PC3	3.44	5.24	30	440	n/a	n/a	2.01x3.01	3.9	24.0	n/a	n/a	C
(1) 1500 WATT M48 METAL HALIDE LAMP																				
230	M1500230AC5M	CWA	1605	7.29	430	20	14	PC3	4.38	6.18	42(2x21)	480	n/a	n/a	1.97x3.66	3.9	30	n/a	n/a	C
(1) 200 WATT S66 HIGH PRESSURE SODIUM LAMP																				
240	1238-183S	R-NPF R-HPF	225	2.90 2.06	240	8 3	1	4	1.5	3.0	— 28	— 240	— n/a	— n/a	— 1.91x2.91	— 3.1	5.4	HPS460-1B	10	D
(1) 250 WATT S50 HIGH PRESSURE SODIUM LAMP																				
230	1238-133S	R-NPF R-HPF	278	3.60 2.50	230	10 5	1	4	2.0	3.5	— 35	— 240	— 1.8	— 4.6	— n/a	— n/a	7.1	HPS460-1B	10	A
230	S250230AC4M	CWA	280	1.38	188	5	8	PC2	1.78	3.58	40	300	n/a	n/a	2.01x3.01	3.9	10.3	HPS400-3A	3	B
(1) 400 WATT S51 HIGH PRESSURE SODIUM LAMP (continued)																				
230	S400230AC4M	CWA	465	2.26	190	8	10	PC2	2.5	4.3	64	300	n/a	n/a	1.91x2.91	3.1	15.5	HPS400-3A	3	D
(1) 1000 WATT S52 HIGH PRESSURE SODIUM LAMP																				
230	S1000230AC5M	CWA	1100	5.44	405	15	39	PC3	4.0	5.8	36	540	n/a	n/a	1.96x3.65	4.25	25.5	HPS1000-4B	10	D

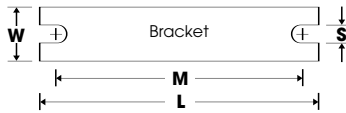
See page 5-37 for Reference Drawings and Wiring Diagrams.

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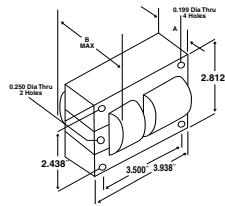
DESCRIPTION	SUFFIX *
For Ballast Only	000
For Capacitor Only (see pg. 5-5, 5-6)	500



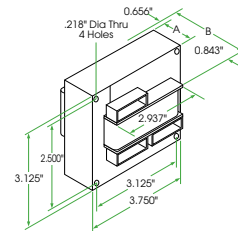
Ref. Dwg.	L	W	M	S
1	4.00"	0.75"	3.60"	0.25"
2, 3, 4	5.25"	1.75"	4.60"	0.25"
PC1	5.25"	1.25"	4.60"	0.25"
PC2	7.75"	1.25"	5.75"	0.25"
PC3	7.75"	2.75"	6.10"	0.25"

See p. 5-8 for adjustable mounting brackets and detailed bracket drawings.

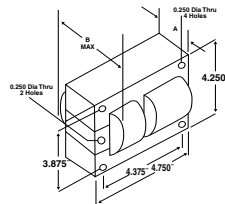
REFERENCE DRAWING PC1



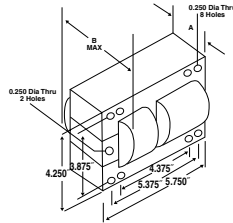
REFERENCE DRAWING 4



REFERENCE DRAWING PC2

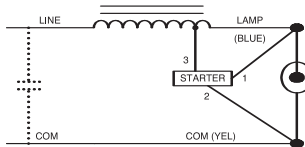


REFERENCE DRAWING PC3

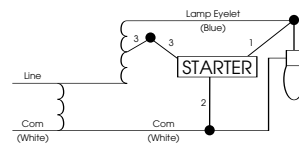


WIRING DIAGRAMS

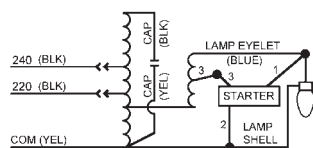
Wiring Diagram 1



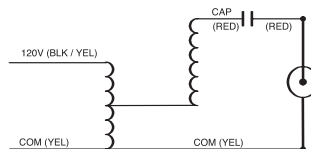
Wiring Diagram 10



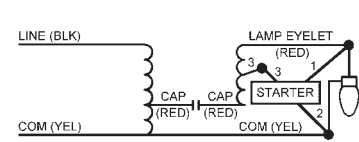
Wiring Diagram 8



Wiring Diagram 14



Wiring Diagram 39



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