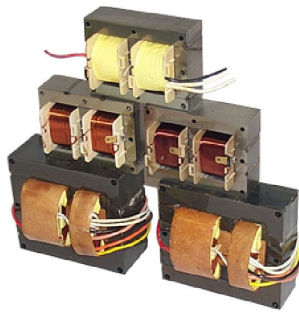
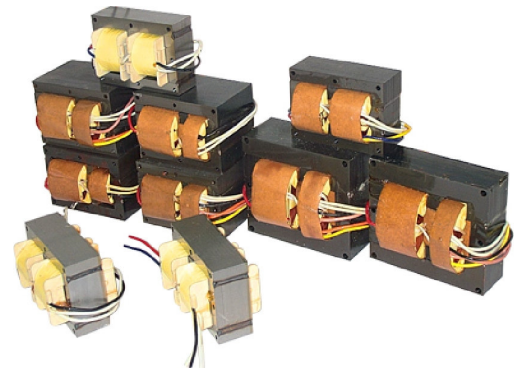


HPS



MV



MH

Lamp Type (ANSI Code)	Catalog Number	Input Volte	Circuit Type	Input Watts	Max. Input Current	Operating Input Current	Norm Open Circuit Voltage	Fuse Rating (A)	Wiring Diag	Dimensions			Non-PCB Capacitor		Ignitor		Total Weight (lbs)	U.L bench temp Code 1029
										Fig	A	B	UF	Min Volt	Fig	Part Number		
Standard Series for High Pressure Sodium Lamp																		
35watt																		
S-76	BL-HPS35W	120	R-NPF	46	1.4	0.83	120	3	C	1	15	41			4	IG-150	1.3	A
50watt																		
S-68	BL-HPS50W	120	R-NPF	62	1.8	1.18	120	5	C	1	25	51			4	IG-150	1.8	A
70watt																		
S-62	BL-HPS70W	120	R-NPF	86	2.1	1.6	120	8	C	1	35	61			4	IG-150	2.3	A
100watt																		
S-54	BL-HPS100W	120	R-NPF	115	3.1	2.1	120	10	C	1	42	70			4	IG-150	2.7	B
150watt																		
S-55	BL-HPS150W	120	R-NPF	170	4.5	3.2	120	15	C	1	50	83			4	IG-150	3.5	B
250watt																		
S-50	BL-HPS250W-4	120/208/ 240/277	CWA	295	2.7/1.6/ 1.4/1.2	2.7/1.6/ 1.4/1.2	185	7/4/ 4/3	B	2	46	90	35	250	4	IG-400	11.2	B/A/ A/A
400watt																		
S-51	BL-HPS400W-4	120/208/ 240/277	CWA	464	3.9/2.3/ 1.9/1.7	3.9/2.3/ 1.9/1.7	190	10/8/ 5/5	B	2	59	102	55	250	4	IG-400	13.9	E/E/ E/E
Standard Series for Metal Halide Lamp																		
50watt																		
BL-MH50W	120	HX-NPF	69	1.6	1.6	260	5	E	3	32	64			4	IG-240	3.1	A	
M-110	BL-MH50W-2	120/277	HX-NPF	72	1.6/0.7	1.6/0.7	260	3/2	E	3	32	64			4	IG-240	4.0	A/A
70watt																		
M-98	BL-MH70W	120	HX-NPF	90	2.1	2.1	255	6	E	3	32	64			4	IG-240	4.0	A
100watt																		
BL-MH100W	120	HX-NPF	125	2.6	2.6	280	6	E	3	32	64			4	IG-240	4.2	A	
M-90	BL-MH100W-2	120/277	HX-HPF	129	2.6/1.2	2.6/1.2	280	6/4	D	3	38	71	11.5	250	4	IG-240	5.2	B/B
175watt																		
BL-MH175W	120	CWA	210	2.0	2.0	305	5	A	3	69	98	10	400			8.1	D	
M-57	BL-MH175W-4	120/208/ 240/277	CWA	210	2.0/1.1/ 0.9/0.8	2.0/1.1/ 0.9/0.8	305	5/3/ 3/2	A	3	69	115	10	400			C/C/ C/B	
250watt																		
BL-MH250S-4	120/208/ 240/277	CWA	295	2.5/1.4/ 1.3/1.1	2.5/1.4/ 1.3/1.1	300	8/5/ 5/3	A	2	76	108	15	450			9.1	B/C/ C/C	
M-58	BL-MH250W-4	120/208/ 240/277	CWA	295	2.5/1.4/ 1.3/1.1	2.5/1.4/ 1.3/1.1	300	8/5/ 5/3	A	2	39	83	15	450			9.8	A/B/ B/C
400watt																		
M-59	BL-MH400W-4	120/208/ 240/277	CWA	458	3.8/2.2/ 1.9/1.6	3.8/2.2/ 1.9/1.6	300	10/7/ 5/5	A	2	53	95	24	450			12.2	B/B/ C/C

Lamp Type (ANSI Code)	Catalog Number	Input Volte	Circuit Type	Input Watts	Max. Input Current	Norm Open Circuit Voltage	Fuse Rating (A)	Wiring Diag	Dimensions			Non-PCB Capacitor		Ignitor		Total Weight (1bs)	U.L bench temp Code 1029
									Fig	A	B	UF	Min Volt	Fig	Number		
Standard Series for Mercury Vapor Lamp																	
100watt H-38	BL-MV100W	120	HX-NPF	125	2.5	225	8	F	3	32	64					3.6	C
125watt H-42	BL-MV125W	120	HX-NPF	150	2.8	225	10	F	3	32	64					3.65	C
175watt H-39	BL-MV175W	120	HX-NPF	205	3.5	225	15	F	3	32	64					3.8	C
	BL-MV175W-4	120/208/ 240-277	CWA	210	2.0/1.1/ 1.0/0.9	305	5/3/ 3/2	A	3	69	115	10	400			8.3	C/C/ C/B
250watt H-37	BL-MV250S-4	120/208/ 240/277	CWA	285	2.5/1.4/ 1.3/1.1	300	8/5/ 5/3	A	3	76	108	15	450			9.1	A/C/ C/C
	BL-MV250W-4	120/208/ 240/277	CWA	285	2.5/1.4/ 1.3/1.1	300	8/5/ 5/3	A	2	39	83	15	450			9.8	B/C/ D/C
400watt H-33	BL-MV400W-4	120/208/ 240/277	CWA	458	3.9/2.2/ 1.9/1.6	300	10/8/ 5/5	A	2	53	95	24	450			12.2	B/C/ C/C

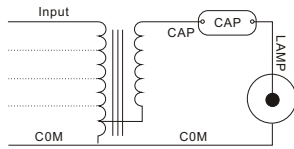


Figure A

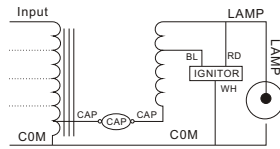


Figure B

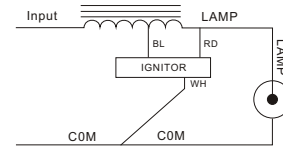


Figure C

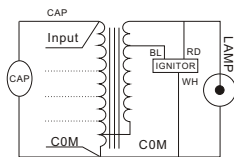


Figure D

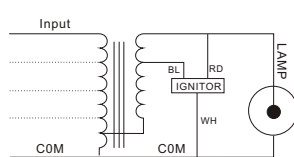


Figure E

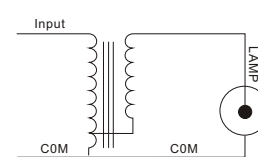


Figure F

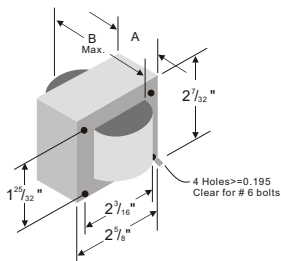


Figure 1 2 7/32" x 2 5/8" Core

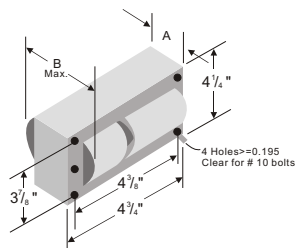


Figure 2 4 1/4" x 4 3/4" Core

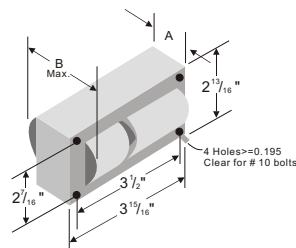


Figure 3 3 15/16" x 2 13/16" Core

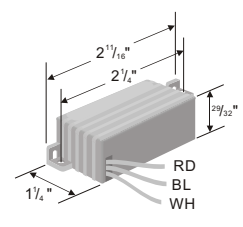


Figure 4



Type	Voltage (V)	LAMPS/ LAMPENDATEN		COMPENSATION/ KOMPENSATION		Power losses (W)	λ Indue- tive	Temp rise $\Delta t(^{\circ}C)$	Ignitor		Dimensions				Net Weight (kg)	Circuit Diagr. No	Appro- vals
		Wattage (W)	Current (A)	Parallel 250V $\pm 10\%$ (UF)	Mains Current (A)				Fig	Part number	A	B	C	D			
BU-70HPS	220-240	70	0.98	12	0.45	15.5	0.35	70	B	IG-600	110	125	64.0	75.0	1.18	C	
BU-100HPS	220-240	100	1.2	12	0.6	18.0	0.4	70	B	IG-600	110	125	64.0	75.0	1.52	C	
BU-150HPS	220-240	150	1.8	18	0.85	20.5	0.4	70	B	IG-600	110	125	64.0	75.0	1.88	C	
BU-250HPS	220-240	250	3.0	32	1.4	32.5	0.38	70	B	IG-600	135	150	64.0	75.0	2.7	C	
BU-400HPS	220-240	400	4.6	50	2.4	36.5	0.4	70	B	IG-600	150	165	82.0	96.0	4.6	C	
BU-70MH	220-240	70	0.98	12	0.45	14.0	0.38	70	B	IG-600	110	125	64.0	75.0	1.18	C	
BU-100MH	220-240	100	1.1	12	0.6	16.5	0.41	70	B	IG-600	110	125	64.0	75.0	1.52	C	
BU-150MH	220-240	150	1.8	18	0.85	22.0	0.38	70	B	IG-600	110	125	64.0	75.0	1.88	C	
BU-250MH	220-240	250	2.1	18	1.35	21.0	0.54	70	B	IG-500	110	125	64.0	75.0	1.93	D	
BU-400MH	220-240	400	3.25	25	2.15	29.5	0.53	70	B	IG-500	135	150	64.0	75.0	2.87	D	
BU-250MV	220-240	250	2.15	18	1.35	22.0	0.54	70	---	---	110	125	64.0	75.0	1.93	E	
BU-400MV	220-240	400	3.25	25	2.15	29.5	0.55	70	---	---	135	150	64.0	75.0	2.87	E	

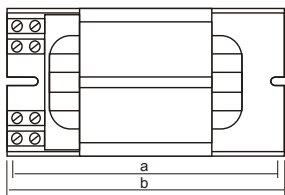


Figure A

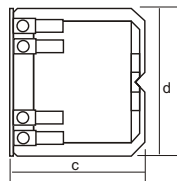


Figure B

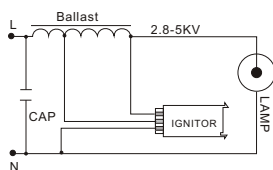
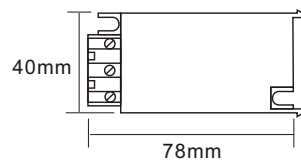


Figure C

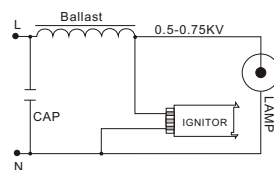


Figure D

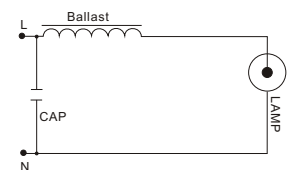


Figure E