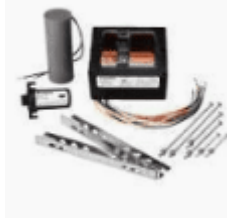
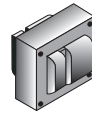


LUMALUX® High Pressure Sodium Core & Coil Ballast Kits



**400W
HPS
C&C Kits**

Item #	OSRAM SYLVANIA Description	Input Voltage (V _{AC})	Circuit Type	Input Power (Watts)	Max. ¹⁴ Input Current (Amps)	Nom. Open Circuit Voltage	Fuse Rating (Amps)	Ballast Dimensions (inches)			Dry Capacitor ¹⁵		Ignitor ¹⁸ Fig.	Max. Dist. to lamp (feet)	Packaging Qty.	Approx. Ballast Weight (lbs ea)	UL Bench Top Rise Code 1029	
								Fig.	A	B	Wiring Dia.	Mfd						Min. V _{AC}
400W High Pressure Sodium Lamp - ANSI Code S51																		
47647	LU400/SUPER5-KIT	120/208/240/277/480	CWA	464	3.8/2.2/1.9/1.7/1.0	190	10/6/5/5/3	N	2.7	4.8	34	55	240	A-2	2	1	16.5	C/C/C/C
47364	LU400/MULTI-KIT	120/208/240/277	CWA	464	3.9/2.3/2.0/1.7	190	10/8/5/5	N	2.3	4.0	29	55	240	A-2	2	1	14.6	D/D/D/D
47376	LU400/480-KIT	480	CWA	464	1.0	190	3	N	2.3	4.0	32	55	240	A-2	2	1	15.0	C
47657	LU400/480/120T-KIT	480/120 TAP	CWA	464	1.0	190	3	N	2.3	4.0	33	55	240	A-2	2	1	15.0	C
47656	LU400/120/277-KIT	120/277	CWA	464	3.9/1.7	190	10/5	N	2.3	4.0	44	55	240	A-2	2	1	15.0	D/D

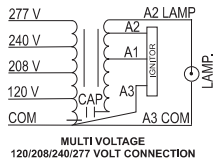
Specifications

Starting Method: Pulse Start
Min. Starting Temp: -40°F (-40°C)
Input Frequency: 60 Hz
Power Factor: (min) 90%
Insulation Class: H (180°C)
Lead Length: 12 inches

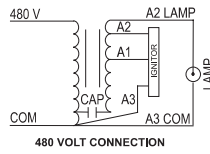
14: Data based on highest current listed for operating, open circuit or starting current.
 15: For additional information on capacitors see pages 74-77.
 18: For additional information on ignitors see pages 78-79.
 For information on brackets and clips see pages 74-77.

LUMALUX High Pressure Sodium Magnetic Ballast Kits include core & coil, capacitors, ignitors, brackets, mounting hardware and installation instructions.

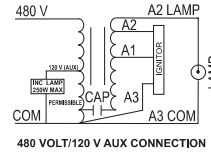
High voltage pulse present on open circuit. Ballast is compatible with other manufacturer's equivalent lamp types that meet ANSI standards. Additional product information is available at www.sylvania.com



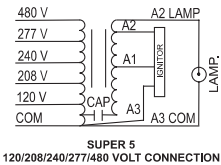
Wiring Diagram 29



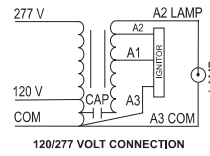
Wiring Diagram 32



Wiring Diagram 33



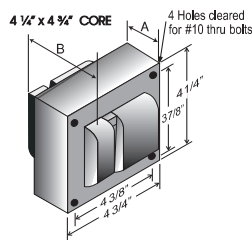
Wiring Diagram 34



Wiring Diagram 44

Ground Ballast Core

Figure N



Capacitor

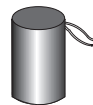
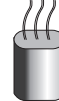


Figure A-2 Ignitor

OVAL CASE



Warranty

SYLVANIA magnetic ballasts are covered by our Magnetic Ballast Limited Warranty and our comprehensive Metal Halide and High Pressure Sodium Limited HID System Warranty. For Warranty details go to www.sylvania.com

Ordering Catalog

Item Number 47647 LU 400 SUPER5 KIT Packaging
 Lamp Type: LUMALUX High Pressure Sodium Line Voltage
 Lamp Wattage

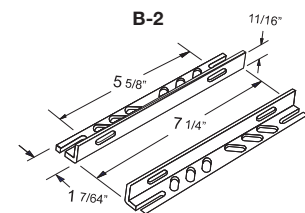
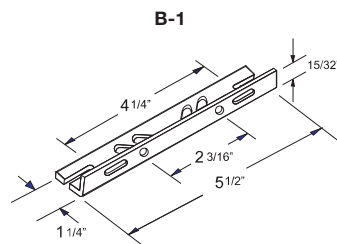
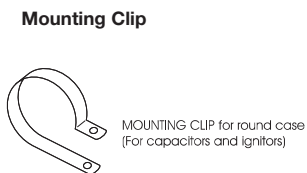
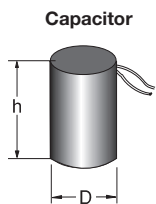
Specifications subject to change without notice.

Magnetic High Intensity Discharge Capacitors and Kit Accessories

SYLVANIA supplies pre-wired dry type capacitors in all kits. The dry film capacitor thermal plastic maximum case temperature is 100°C. They contain no oil, are furnished with 12" leads and include integral resistor where required. Dry film capacitors contain no PCB's.

HID Capacitors & Accessories

Item #	OSRAM SYLVANIA Description	ANSI Code	Capacitor				Bracket Type	Page #
			Mfd (±3%)	Min VAC	Height (h) inches	Diameter (D) inches		
LUMALUX® High Pressure Sodium Core & Coil Ballast Kits								
47335	LU150/MULTI-KIT	S55	14	280	2.90	1.50	B-1	59
47619	LU150/480-KIT	S55	14	280	2.90	1.50	B-1	59
47621	LU150/480/120T-KIT	S55	14	280	2.90	1.50	B-1	59
47617	LU150/120/277-KIT	S55	14	280	2.90	1.50	B-1	59
47623	LU150/480-CWA-KIT	S55	55	170	5.00	1.75	B-1	59
47628	LU200/MULTI-KIT	S66	28	240	3.75	1.75	B-2	59
47631	LU200/480-KIT	S66	28	240	3.75	1.75	B-2	59
47634	LU250/SUPER5-KIT	S50	35	240	5.00	1.75	B-2	60
47357	LU250/MULTI-KIT	S50	35	240	5.00	1.75	B-2	60
47358	LU250/480-KIT	S50	35	240	5.00	1.75	B-2	60
47637	LU250/480/120T-KIT	S50	35	240	5.00	1.75	B-2	60
47642	LU250/120/277-KIT	S50	35	240	5.00	1.75	B-2	60
47643	LU310/MULTI-KIT	S67	45	280	4.88	1.75	B-2	60
47644	LU310/480-KIT	S67	45	280	4.88	1.75	B-2	60
47647	LU400/SUPER5-KIT	S51	55	240	5.00	1.75	B-2	61
47364	LU400/MULTI-KIT	S51	55	240	5.00	1.75	B-2	61
47376	LU400/480-KIT	S51	55	240	5.00	1.75	B-2	61
47657	LU400/480/120T-KIT	S51	55	240	5.00	1.75	B-2	61
47656	LU400/120/277-KIT	S51	55	240	5.00	1.75	B-2	61
47712	LU750/MULTI-KIT	S111	37.5	280	5.00	1.75	B-2	62
47658	LU750/480-KIT	S111	37.5	280	5.00	1.75	B-2	62
47659	LU1000/SUPER5-KIT	S52	26	525	4.90	2.63	B-2	62
47389	LU1000/MULTI-KIT	S52	26	525	4.90	2.63	B-2	62
47391	LU1000/480-KIT	S52	26	525	4.90	2.63	B-2	62
MERCURY CORE & COIL BALLAST KITS								
46518	H50/MULTI-KIT	H46	7	280	2.90	1.38	B-1	63
46519	H75/MULTI-KIT	H43	8	280	2.90	1.38	B-1	63
46522	H100/MULTI-KIT	H38 or H44	10	280	2.90	1.50	B-1	63
47472	H100/277-KIT	H38 or H44	10	280	2.90	1.50	B-1	63
47471	H100/DUAL-KIT	H38 or H44	10	280	2.90	1.50	B-1	63
47489	H175/MULTI-KIT	H39	17.5	240	3.75	1.50	B-1	64
47490	H175/480-KIT	H39	17.5	240	3.75	1.50	B-1	64
47499	H250/MULTI-KIT	H37	22.5	280	3.75	1.75	B-1	64
47500	H250/480-KIT	H37	22.5	280	3.75	1.75	B-1	64
46531	H250/480/120T-KIT	H37	22.5	280	3.75	1.75	B-1	64
47509	H400/MULTI-KIT	H33	35	240	5.00	1.75	B-2	65
47510	H400/480-KIT	H33	35	240	5.00	1.75	B-2	65
46533	H400/480/120T-KIT	H33	35	240	5.00	1.75	B-2	65
47517	H2X400/120-KIT (Kit contains two capacitors)	H33	32	300	3.90	1.81	B-2	65
47518	H2X400/277-KIT (Kit contains two capacitors)	H33	32	300	3.90	1.81	B-2	65
47524	H1000/MULTI-KIT	H36	24	480	5.00	2.20	B-2	65
47525	H1000/480-KIT	H36	24	480	5.00	2.20	B-2	65



Specifications subject to change without notice.