

PSV254T5IVCD

Ballast Type: Electronic
 Input Voltage: 100 thru 277VAC $\pm 10\%$
 Input Frequency: 50/60 Hz.

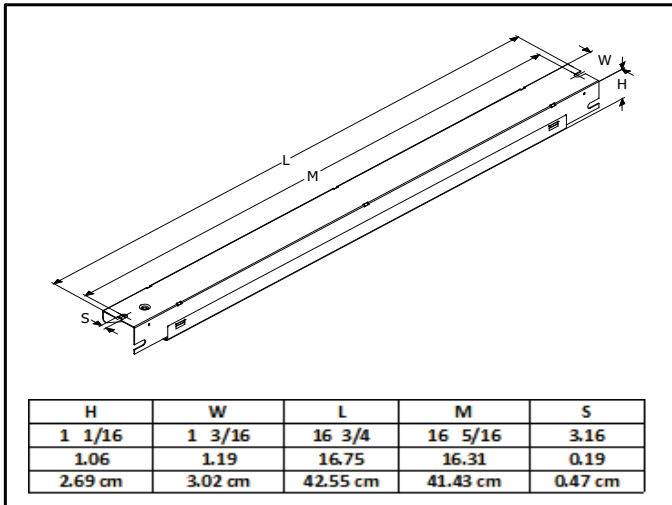
Starting Method: Programmed Start
 Lamp Connection: Series
 Unit Color: White

Unit Weight: 1.0 lb.
 Carton Quantity: 36
 Skid Quantity: 1296

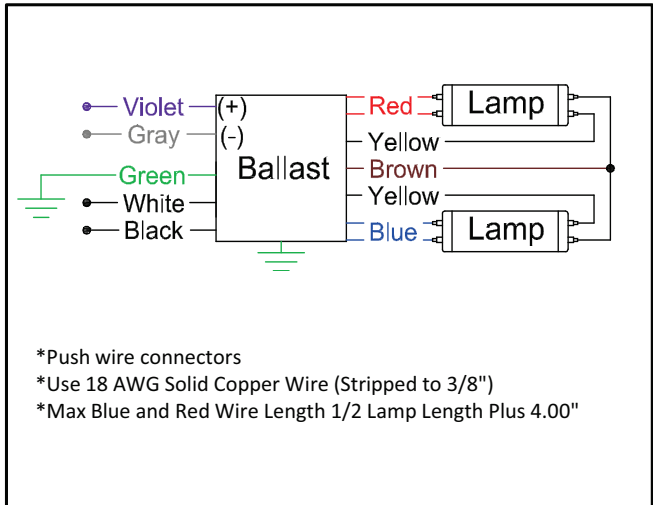
ELECTRICAL SPECIFICATION:

Lamp Type	Lamp Watts	No. of Lamps	Line Voltage (V)	Line Current (A)	Input Power (W)	Power Factor	Max Current THD (%)	Current Crest Factor	Ballast Factor	B.E.F.	Dimmer Setting
F54T5HO	54	2	120	1.00	119	≥ 0.99	≤ 10	≤ 1.5	0.93	0.78	Maximum
			277	0.43		≥ 0.97	≤ 20				
			120	0.17	20	≥ 0.95	≤ 20	≤ 1.5	0.14	0.80	Minimum
			277	0.10		≥ 0.60	≤ 25				
FT55W/2G11/RS	55	2	120	0.84	102	≥ 0.99	≤ 10	≤ 1.5	0.88	0.86	Maximum
			277	0.37		≥ 0.94	≤ 20				
			120	0.14	17	≥ 0.97	≤ 20	≥ 1.7	0.02	0.12	Minimum
			277	0.09		≥ 0.70	≤ 30				
FT50W/2G11/RS	50	2	120	0.95	115	≥ 0.99	≤ 10	≤ 1.5	1.08	0.94	Maximum
			277	0.43		≥ 0.94	≤ 20				
			120	0.15	17	≥ 0.95	≤ 20	≥ 1.7	0.03	0.18	Minimum
			277	0.09		≥ 0.70	≤ 30				
F58T8	58	2	120	0.94	113	≥ 0.99	≤ 10	≤ 1.4	0.90	0.80	Maximum
			277	0.43		≥ 0.94	≤ 20				
			120	0.17	21	≥ 0.92	≤ 20	≥ 1.7	0.15	0.71	Minimum
			277	0.10		≥ 0.75	≤ 25				

CASE STYLE: 23D



WIRING DIAGRAM: 050



PSV254T5IVCD

PERFORMANCE:

- High frequency electronic dimming ballast
- Programmed start
- Series lamp operation
- High power factor
- Sound rated A
- End of lamp life protection with auto restart after lamp replacement
- Analog dimming control 1-10VDC
- Class 1 or Class 2 wiring for ballast control circuit
- Dimming range 100% - 10% relative light output
- Lamps will start at any dimming level without flicker
- Dimming control circuit protected from line voltage
- Internal surge protection
- Meets FCC Part 18 (Class B) for EMI and RFI consumer limits
- Meets CE requirements (120-240V)
- Meets ANSI standard C82.11 where applicable
- Meets ANSI standard C62.41
- EN60929:2006; A.C. supplied electronic ballasts for tubular fluorescent lamps/performance requirements
- EN61347-1:2008; Lamp controlgear/general safety requirements
- EN 61347-2-3:2001 +A1:2004 +A2:2006; Lamp controlgear/particular requirements for A.C. supplied electronic ballasts for fluorescent lamps
- EN61547:1996 +A1:2000; Specification for Equipement for General Lighting Purposes
- EN55015:2006 (CISPR 15); Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
- EMC Requirements Per IEC Publication 6100 Electromagnetic Compatibility (EMC):
- EN6100-3-2:2006 Part 3: Limits-Section2: Limits for harmonic current emissions
- EN 61000-3-3: 1995, A1: 2001 +A2:2005 Electromagnetic Compatibility Part 3 Limits – Section 3: Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current up to 16 amps.

APPLICATION:

- Maximum case temperature: 167°F/75°C
- Maximum ambient temperature: 104°F/40°C
- Minimum starting temperature: 50°F/10°C+
- Lamp starts: >50,000 starts
- Mount lamps within 1/4" of ground plane
- Remote mounting: 2 ft.

SAFETY:

- UL/935 (Class P, Type CC) listed
- CSA Certified (cUL)
- RoHS Compliant
- No PCB's

WARRANTY:

Robertson Worldwide warrants to the purchaser that this ballast will be free from defects in material or workmanship for a period of 3 years from date of manufacture when properly installed and under normal conditions of use. For more information on Robertson Worldwide's ballasts, call 1-800-323-5633 or visit www.robertsonww.com
Specifications subject to change without notice.