

PSV235T5IVCD

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

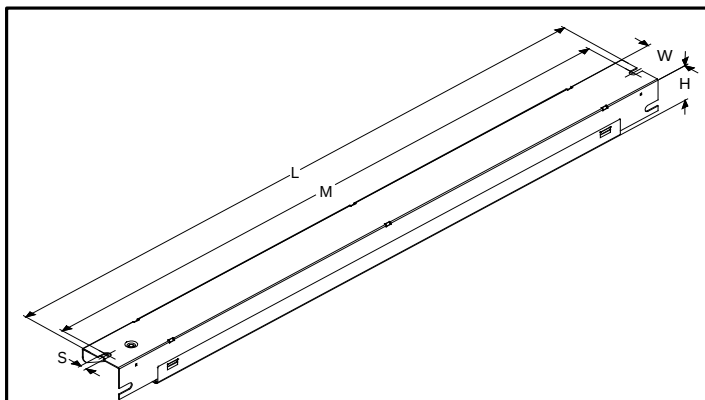
Starting Method: Programmed Start
 Lamp Connection: Series
 Unit Color: White

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

ELECTRICAL SPECIFICATION:

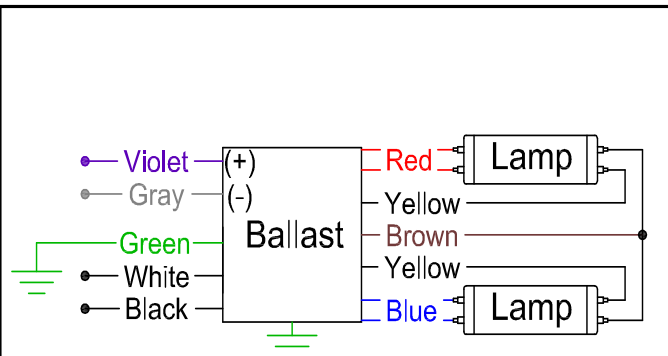
Lamp Type	Lamp Watts	No. of Lamps	Line Voltage (V)	Line Current (A)	Input Power (W)	Power Factor	Max Current THD (%)	Current Crest Factor	Ballast Factor	B.E.F.	Dimmer Setting
F35T5	35	2	120	0.69	80	≥ 0.99	≤ 10	≤ 1.4	0.98	1.23	Maximum
			277	0.30		≥ 0.95	≤ 20				
			120	0.10	11	≥ 0.95	≤ 20	≤ 1.7	0.16	1.45	Minimum
			277	0.07		≥ 0.60	≤ 30				
F28T5	28	2	120	0.54	63	≥ 0.99	≤ 10	≤ 1.4	1.05	1.67	Maximum
			277	0.24		≥ 0.93	≤ 20				
			120	0.10	10	≥ 0.95	≤ 20	≤ 1.7	0.09	0.90	Minimum
			277	0.07		≥ 0.60	≤ 25				
F21T5	21	2	120	0.38	46	≥ 0.99	≤ 10	≤ 1.5	1.05	2.28	Maximum
			277	0.18		≥ 0.92	≤ 20				
			120	0.09	10	≥ 0.95	≤ 20	≤ 1.7	0.05	0.50	Minimum
			277	0.07		≥ 0.60	≤ 30				
F14T5	14	2	120	0.28	33	≥ 0.99	≤ 15	≤ 1.5	1.05	3.18	Maximum
			277	0.13		≥ 0.90	≤ 20				
			120	0.09	10	≥ 0.92	≤ 20	≤ 1.7	0.05	0.50	Minimum
			277	0.07		≥ 0.60	≤ 30				

CASE STYLE: 23D



H	W	L	M	S
1 1/16	1 3/16	16 3/4	16 5/16	3.16
1.06	1.19	16.75	16.31	0.19
2.69 cm	3.02 cm	42.55 cm	41.43 cm	0.47 cm

WIRING DIAGRAM: 050



*Push wire connectors

*Use 18 AWG Solid Gold Copper Wire (Stripped to 3/8")

* Max Blue and Red Wire Length 1/2 Lamp Length Plus 4.00"

12/19/2011

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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.

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