

PST139T5IVCD

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

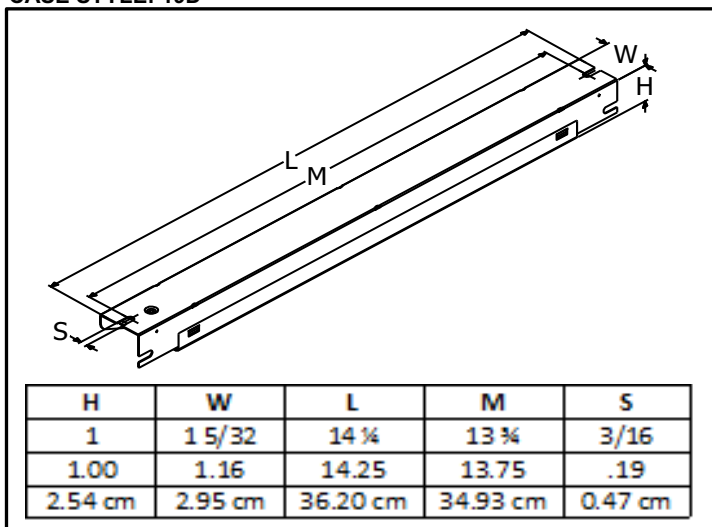
Starting Method: Programmed Start
Lamp Connection: Series
Unit Color: White

Unit Weight: 0.79 lb.
Carton Quantity: 36
Skid Quantity: 1296

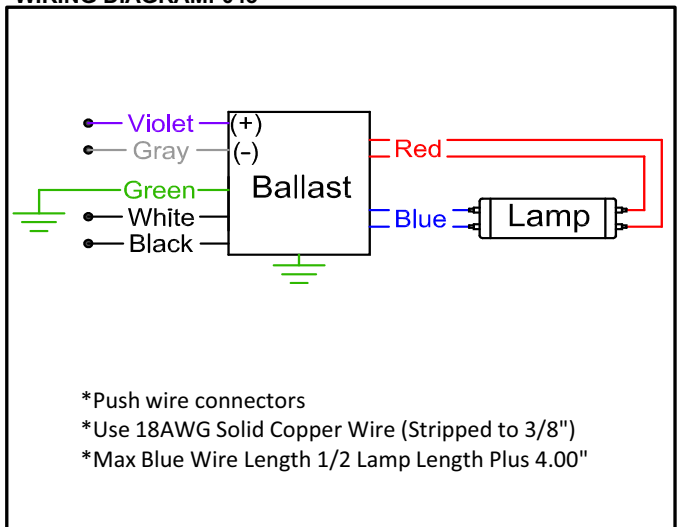
ELECTRICAL SPECIFICATION:

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
F39T5HO	39	1	120	0.34	40	>0.99	≤ 10	≤ 1.4	0.92	2.30	Maximum
			277	0.15		≥ 0.92	≤ 15				
			120	0.08	9	>0.95	≤ 15	≤ 1.7	0.06	0.67	Minimum
			277	0.06		≥ 0.60	≤ 25				
F24T5HO	24	1	120	0.21	26	>0.99	≤ 10	≤ 1.5	0.92	3.54	Maximum
			277	0.11		≥ 0.94	≤ 20				
			120	0.07	8	>0.90	≤ 20	≤ 1.7	0.06	0.75	Minimum
			277	0.06		≥ 0.60	≤ 25				
FT40W/2G11/RS	40	1	120	0.39	46	>0.99	≤ 10	≤ 1.4	1.10	2.39	Maximum
			277	0.16		>0.91	≤ 20				
			120	0.08	9	>0.95	≤ 20	≥ 1.7	0.05	0.56	Minimum
			277	0.06		>0.60	≤ 25				
FT36W/2G11	36	1	120	0.28	33	>0.99	≤ 10	≤ 1.4	0.85	2.58	Maximum
			277	0.13		>0.90	≤ 20				
			120	0.07	8	>0.94	≤ 20	≥ 1.7	0.03	0.38	Minimum
			277	0.05		>0.60	≤ 25				
FT24W/2G11	24	1	120	0.22	26	>0.99	≤ 10	≤ 1.4	0.96	3.69	Maximum
			277	0.11		≥ 0.85	≤ 20				
			120	0.07	8	>0.94	≤ 20	≥ 1.7	0.04	0.50	Minimum
			277	0.05		≥ 0.60	≤ 25				
FT18W/2G11	18	1	120	0.15	17	≥ 0.98	≤ 12	≤ 1.5	0.88	5.18	Maximum
			277	0.08		≥ 0.80	≤ 20				
			120	0.06	7	≥ 0.93	≤ 20	≥ 1.7	0.04	0.57	Minimum
			277	0.05		≥ 0.50	≤ 25				
FC12T5	40	1	120	0.37	43	>0.99	≤ 10	≤ 1.4	1.03	2.40	Maximum
			277	0.17		≥ 0.91	≤ 20				
			120	0.07	8	>0.95	≤ 20	≤ 1.7	0.04	0.50	Minimum
			277	0.05		≥ 0.60	≤ 25				
FC9T5	22	1	120	0.23	27	>0.99	≤ 10	≤ 1.5	1.10	4.07	Maximum
			277	0.11		≥ 0.96	≤ 20				
			120	0.07	8	>0.94	≤ 20	≥ 1.7	0.06	0.75	Minimum
			277	0.05		≥ 0.60	≤ 25				

CASE STYLE: 19D



WIRING DIAGRAM: 043



PST139T5IVCD

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 plate
- Remote mounting: 2 ft.

SAFETY:

- UL/935 (Class P, Type CC) listed
- CSA/C22.2 certified
- 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.