

PSL254T5MV

Ballast Type: Electronic
 Input Voltage: 120 thru 277VAC ±10%
 Input Frequency: 47-63 Hz

Starting Method: Program
 Lamp Connection: Series
 Unit Color: Black

Unit Weight: 1.05 lb.
 Carton Quantity: 10
 Skid Quantity: 1100

ELECTRICAL SPECIFICATION:

Line Voltage (V)	Lamp Type	Lamp Watts	No. of Lamps	Line Current (A)	Input Power (W)	Power Factor	Max Current THD (%)	Current Crest Factor	Ballast Factor	Wiring Diagram	B.E.F.
120	F54T5HO	54	2	0.98	118	>0.99	≤10	≤1.7	1.00	059A	0.84
277				0.42	115	≥0.97					0.87
120	F54T5HO/ES	50	2	0.90	108	>0.99	≤10	≤1.7	0.98	059A	0.91
277				0.39	106	≥0.98					0.92
120	F54T5HO/ES	49	2	0.87	104	>0.99	≤10	≤1.7	0.98	059A	0.94
277				0.37	102	≥0.98					0.96
120	F54T5HO/ES	47	2	0.85	102	>0.99	≤10	≤1.7	1.00	059A	0.98
277				0.37	100	≥0.98					1.00
120	F39T5HO	39	2	0.81	97	>0.99	≤10	≤1.7	1.13	059A	1.16
277				0.35	94	≥0.97					1.20
120	FT55W/2G11/RS	55	2	0.94	111	>0.99	≤10	≤1.7	0.90	059A	0.81
277				0.39	108	≥0.97					0.83
120	FT50W/2G11/RS	50	2	0.96	114	>0.99	≤10	≤1.7	1.04	059A	0.91
277				0.41	112	≥0.97					0.93
120	FT36W/2G11	36	2	0.71	84	>0.99	≤10	≤1.7	1.04	059A	1.23
277				0.32	83	≥0.96					1.25
120	FC12T5HO	55	2	0.85	102	>0.99	≤10	≤1.7	0.83	059A	0.81
277				0.36	99	≥0.97					0.83
120	F58T8	58	2	0.89	107	>0.99	≤10	≤1.7	1.00	059A	0.93
277				0.38	105	≥0.98					0.95
120	F54T5HO	54	1	0.51	61	>0.99	≤10	≤1.7	1.03	059A	1.68
277				0.23	60	≥0.95					1.71
120	F54T5HO/ES	50	1	0.47	56	>0.99	≤10	≤1.7	1.02	059A	1.82
277				0.21	56	≥0.95					1.82
120	F54T5HO/ES	49	1	0.44	53	>0.99	≤10	≤1.7	1.02	059A	1.92
277				0.21	53	≥0.94					1.92
120	F54T5HO/ES	47	1	0.44	52	>0.99	≤10	≤1.7	1.03	059A	1.98
277				0.20	52	≥0.94					1.98
120	F39T5HO	47	1	0.44	52	>0.99	≤10	≤1.7	1.03	059A	1.98
277				0.19	52	≥0.94					1.98
120	FT55W/2G11/RS	55	1	0.49	58	>0.99	≤10	≤1.7	1.18	059A	2.41
277				0.22	57	≥0.93					2.41
120	FT50W/2G11/RS	50	1	0.50	59	>0.99	≤10	≤1.7	1.06	059A	1.79
277				0.22	58	≥0.95					1.82
120	FT36W/2G11	36	1	0.36	43	>0.99	≤10	≤1.7	1.06	059A	2.46
277				0.17	42	≥0.91					2.53
120	FC12T5HO	55	1	0.44	52	>0.99	≤10	≤1.7	0.86	059A	1.65
277				0.18	52	≥0.95					1.65
120	F58T8	58	1	0.45	55	>0.99	≤10	≤1.7	1.02	059A	1.85
277				0.20	55	≥0.95					1.85

PERFORMANCE:

- High efficiency electronic ballast
- Program start
- Series operation
- High power factor
- Encased & potted
- Sound rated A
- End of Lamp Life protection per ANSI C82.11
- Internal surge protection
- Meets FCC Part 18 (Class A) for EMI and RFI non-consumer limits
- Meets ANSI standards C82.11 for ballast requirements
- Meets ANSI standards C62.41 for transient protection

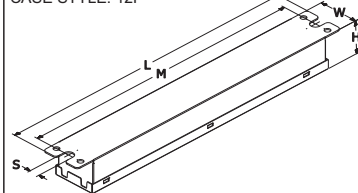
APPLICATION:

- Maximum case temperature: 194°F/90°C
- Maximum ambient temperature: 131°F/55°C
- Minimum starting temperature: -22°F/-30°C for non energy saving lamps.
- Lamp starts: >50,000 starts
- Remote mounting: 18 ft.

SAFETY:

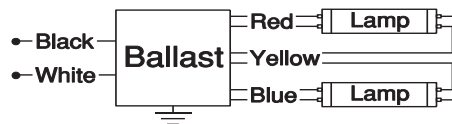
- UL/935 (Class P, Type HL, Type CC, Type 1 outdoor) listed
- cUL (CSA C22.2) listed
- RoHS Compliant
- No PCB's

CASE STYLE: 12F



H	W	L	M	S
1 3/16	1 11/16	9 1/2	8 7/8	9/32
1.19	1.69	9.50	8.88	0.28
3.02 cm	2.71 cm	24.13 cm	22.56 cm	0.71 cm

WIRING DIAGRAM: 059A



For 1-lamp applications, cap any unused Yellow Lead, insulate 600V

Lead Lengths: Tolerance +2.00 -1.00, strip 0.375", Tolerance ±0.06

Standard: • Blk: 20" • Red: (2) 32" • Yel: (2) 49"
 • Wht: 20" • Blu: (2) 32"

WARRANTY:

Robertson Worldwide warrants to the purchaser that this ballast will be free from defects in material or workmanship for a period of five years for operation at a maximum case temperature of 75°C or three years for operation at a maximum case temperature of 90°C from date of manufacture when properly installed and under normal conditions of use. For more information on Robertson Lighting products, visit www.robertsondirect.com. Specifications subject to change without notice.