

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 | | | | | |
| 120 | F54T5HO/ES | 49 | 1 | 0.44 | 53 | ≥0.99 | ≤10 | ≤1.7 | 1.02 | 059A | 1.92 |
| 277 | | | | 0.21 | 53 | ≥0.94 | | | | | |
| 120 | F54T5HO/ES | 47 | 1 | 0.44 | 52 | ≥0.99 | ≤10 | ≤1.7 | 1.03 | 059A | 1.98 |
| 277 | | | | 0.20 | 52 | ≥0.94 | | | | | |
| 120 | F39T5HO | 47 | 1 | 0.44 | 52 | ≥0.99 | ≤10 | ≤1.7 | 1.03 | 059A | 1.98 |
| 277 | | | | 0.19 | 52 | ≥0.94 | | | | | |
| 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 | | | | | |
| 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 | | | | | |
| 120 | F58T8 | 58 | 1 | 0.45 | 55 | >0.99 | ≤10 | ≤1.7 | 1.02 | 059A | 1.85 |
| 277 | | | | 0.20 | 55 | ≥0.95 | | | | | |

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

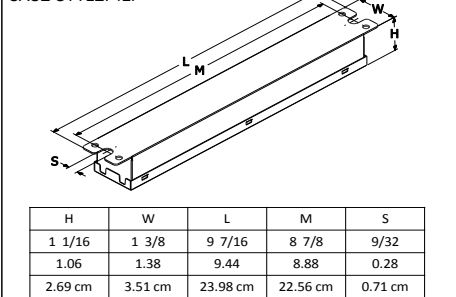
APPLICATION:

- 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.

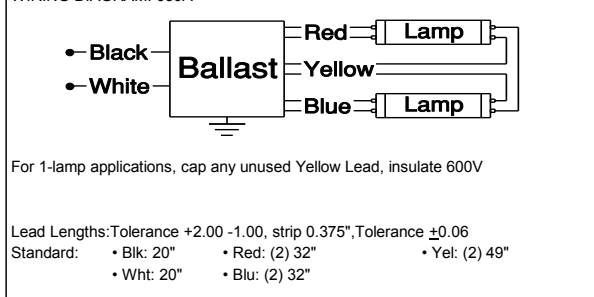
SAFETY:

- 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



WIRING DIAGRAM: 059A



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.