

APPLICATION and PERFORMANCE SPECIFICATION

ACT2S54PSUNVS2

- Line Voltage:120-277V 50/60Hz
- Preheat Start
- Series Lamp Operation
- Active Power Factor Correction
- Lamp End of Life Protection
- Dimming

| Lamp Type | Num.O f Lamps | Rated Lamp Watts | Min. Start Temp. (F/C) | Input Voltage (Vols) | Input Current (Amps) | Input Power (Watts) | MAX. THD≤ % | PF ≥ | Ballast Factor | MAX. Lamp Current Crest Factor | BEF |
|----------------------------|---------------------|------------------------|------------------------------|----------------------------|----------------------------|---------------------------|-------------------|---------|-------------------|--|------|
| F54T5 for bright | 2 | 54 | 14/-10 | 277 | 0.40 | 110 | 10 | 0.98 | 1.00 | 1.70 | 0.90 |
| F54T5 for bright | 2 | 54 | 14/-10 | 120 | 0.94 | 112 | 10 | 0.98 | 1.00 | 1.70 | 0.89 |
| F54T5 for dimming | 2 | 54 | 14/-10 | 277 | 0.21 | 57 | 15 | 0.90 | 0.30 | 1.70 | 0.53 |
| F54T5 for dimming | 2 | 54 | 14/-10 | 120 | 0.48 | 58 | 15 | 0.90 | 0.30 | 1.70 | 0.52 |
| F49T5 for bright | 2 | 49 | 14/-10 | 277 | 0.39 | 108 | 10 | 0.97 | 1.00 | 1.70 | 0.92 |
| F49T5 for bright | 2 | 49 | 14/-10 | 120 | 0.91 | 109 | 10 | 0.97 | 1.00 | 1.70 | 0.91 |
| F49T5 for dimming | 2 | 49 | 14/-10 | 277 | 0.20 | 54 | 15 | 0.90 | 0.30 | 1.70 | 0.55 |
| F49T5 for dimming | 2 | 49 | 14/-10 | 120 | 0.46 | 55 | 15 | 0.90 | 0.30 | 1.70 | 0.55 |
| YDW-55-HRD 55W for bright | 2 | 55 | 14/-10 | 277 | 0.40 | 109 | 10 | 0.97 | 1.10 | 1.70 | 1.01 |
| YDW-55-HRD 55W for bright | 2 | 55 | 14/-10 | 120 | 0.93 | 112 | 10 | 0.97 | 1.10 | 1.70 | 0.98 |
| YDW-55-HRD 55W for dimming | 2 | 55 | 14/-10 | 277 | 0.19 | 51 | 15 | 0.90 | 0.30 | 1.70 | 0.59 |
| YDW-55-HRD 55W for dimming | 2 | 55 | 14/-10 | 120 | 0.44 | 52 | 15 | 0.90 | 0.30 | 1.70 | 0.58 |
| PL 50W for bright | 2 | 50 | 14/-10 | 277 | 0.40 | 108 | 10 | 0.97 | 1.10 | 1.70 | 1.01 |
| PL 50W for bright | 2 | 50 | 14/-10 | 120 | 0.94 | 112 | 10 | 0.97 | 1.10 | 1.70 | 0.98 |
| PL 50W for dimming | 2 | 50 | 14/-10 | 277 | 0.21 | 58 | 15 | 0.90 | 0.30 | 1.70 | 0.52 |
| PL 50W for dimming | 2 | 50 | 14/-10 | 120 | 0.48 | 57 | 15 | 0.90 | 0.30 | 1.70 | 0.53 |

Note: The above data is tested at 60Hz. Application and Performance Specification Information Subject to Change without Notification.

Performance

- Meets ANSI Standard C82.11-2002
- Meets ANSI Standard C62.41-2002
- Meets FCC 18 Class A

Safety,

- No PCB's
- UL&cUL listed (Class P, Type 1 outdoor)
- OCV :600V

Application

- Maximum Ambient Temperature: 131°F ,55°C
- Sound Rated: A
- Maximum case temperature Tc: 167°F ,75°C

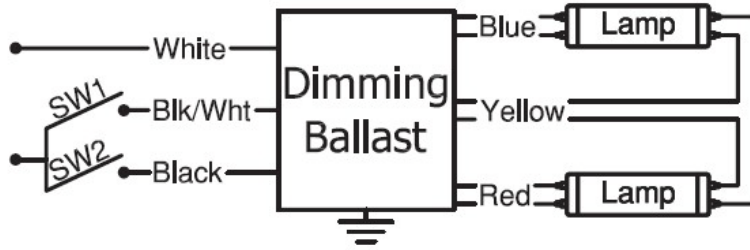
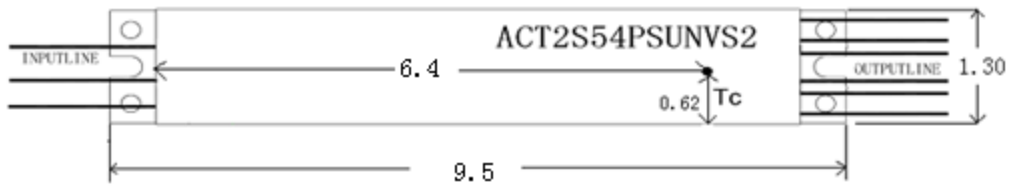
Physical Parameters

- Length 9.5" (241mm)
- Width 1.70" (432mm)
- Height 1.20" (30mm)
- Weight 1.lbs
- Mounting 8.9 " (226mm)

Lead Length

- White, Black ,Wh/Bl 25"(±1") (635mm)
- Yellow 46"(±1") (1168mm)
- Red/ Blue 31"(±1") (787mm)

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Tc:75C

| SW1 | SW2 | LIGHT LEVEL |
|-----|-----|-------------|
| ON | OFF | 50% |
| OFF | ON | 50% |
| ON | ON | 100% |