



APPLICATION and PERFORMANCE SPECIFICATION

BAF454PS/MV

- Line Voltage: 120~277V 50/60Hz
 - Hybrid Lamp Operation Lamp Operation
 - Lamp End of Life Protection
- Program Start
 - Active Power Factor Correction
 - Type CC

| Lamp Type | Lamp No. | Rated Lamp Watts | Min. Start Temp. (F/C) | Input Voltage (Vols) | Input Current (Amps) | Input Power (Watts) | THD % | PF | CF | BF | BEF |
|------------------|----------|------------------|------------------------|----------------------|----------------------|---------------------|-------|------|------|------|------|
| * F54T5/HO | 4 | 54 | -20/-29 | 120 | 2.00 | 231 | 10 | 0.98 | 1.70 | 1.00 | 0.42 |
| YDW55-HRD | 4 | 55 | -20/-29 | 120 | 1.90 | 226 | 10 | 0.98 | 1.70 | 0.91 | 0.38 |
| CFT50W/2G11 | 4 | 50 | -20/-29 | 120 | 1.57 | 200 | 10 | 0.98 | 1.70 | 1.15 | 0.57 |
| * F54T5/HO | 3 | 54 | -20/-29 | 120 | 1.50 | 176 | 10 | 0.98 | 1.70 | 1.03 | 0.58 |
| YDW55-HRD | 3 | 55 | -20/-29 | 120 | 1.50 | 170 | 10 | 0.98 | 1.70 | 0.93 | 0.53 |
| CFT50W/2G11 | 3 | 50 | -20/-29 | 120 | 1.28 | 150 | 10 | 0.98 | 1.70 | 1.15 | 0.76 |
| * F54T5/HO | 2 | 54 | -20/-29 | 120 | 1.00 | 120 | 10 | 0.98 | 1.70 | 1.00 | 0.83 |
| YDW55-HRD | 2 | 55 | -20/-29 | 120 | 0.94 | 113 | 10 | 0.98 | 1.70 | 0.91 | 0.81 |
| CFT50W/2G11 | 2 | 50 | -20/-29 | 120 | 0.84 | 100 | 10 | 0.98 | 1.70 | 1.15 | 1.15 |
| F54T5/HO/EA(49W) | 4 | 49 | -20/-29 | 120 | 1.78 | 214 | 10 | 0.98 | 1.70 | 0.97 | 0.45 |
| F54T5/HO/EA(49W) | 3 | 49 | -20/-29 | 120 | 1.34 | 162 | 10 | 0.98 | 1.70 | 0.97 | 0.60 |
| F54T5/HO/EA(49W) | 2 | 49 | -20/-29 | 120 | 0.88 | 106 | 10 | 0.98 | 1.70 | 0.97 | 0.92 |
| * F54T5/HO | 4 | 54 | -20/-29 | 277 | 0.86 | 228 | 10 | 0.98 | 1.70 | 1.00 | 0.43 |
| YDW55-HRD | 4 | 55 | -20/-29 | 277 | 0.90 | 222 | 10 | 0.97 | 1.70 | 0.91 | 0.38 |
| CFT50W/2G11 | 4 | 50 | -20/-29 | 277 | 0.77 | 196 | 10 | 0.97 | 1.70 | 1.15 | 0.58 |
| * F54T5/HO | 3 | 54 | -20/-29 | 277 | 0.65 | 173 | 10 | 0.92 | 1.70 | 1.03 | 0.59 |
| YDW55-HRD | 3 | 55 | -20/-29 | 277 | 0.60 | 160 | 10 | 0.92 | 1.70 | 0.93 | 0.58 |
| CFT50W2G11 | 3 | 50 | -20/-29 | 277 | 0.53 | 146 | 10 | 0.92 | 1.70 | 1.15 | 0.78 |
| * F54T5/HO | 2 | 54 | -20/-29 | 277 | 0.43 | 117 | 10 | 0.98 | 1.70 | 1.00 | 0.85 |
| YDW55-HRD | 2 | 55 | -20/-29 | 277 | 0.41 | 113 | 10 | 0.97 | 1.70 | 0.91 | 0.81 |
| CFT50W/2G11 | 2 | 50 | -20/-29 | 277 | 0.36 | 98 | 10 | 0.97 | 1.70 | 1.15 | 1.17 |
| F54T5/HO/EA(49W) | 4 | 49 | -20/-29 | 277 | 0.78 | 209 | 10 | 0.96 | 1.70 | 0.97 | 0.46 |
| F54T5/HO/EA(49W) | 3 | 49 | -20/-29 | 277 | 0.61 | 159 | 10 | 0.93 | 1.70 | 0.97 | 0.61 |
| F54T5/HO/EA(49W) | 2 | 49 | -20/-29 | 277 | 0.39 | 104 | 10 | 0.96 | 1.70 | 0.97 | 0.93 |

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

Fully meet UL/CSA safety standard, but customer is required to go through the UL test by itself.

Performance:

- Meets ANSI Standard C82.11-2002
- Meets ANSI Standard C62.41-2002
- Meets FCC 18 Non CONSUMER Limits

Safety:

- No PCB'S, Type HL
- UL & cUL listed (Class P, Type 1 Outdoor)
- OCV 300V
- No-load : <10 Watt



APPLICATION and PERFORMANCE SPECIFICATION

Application:

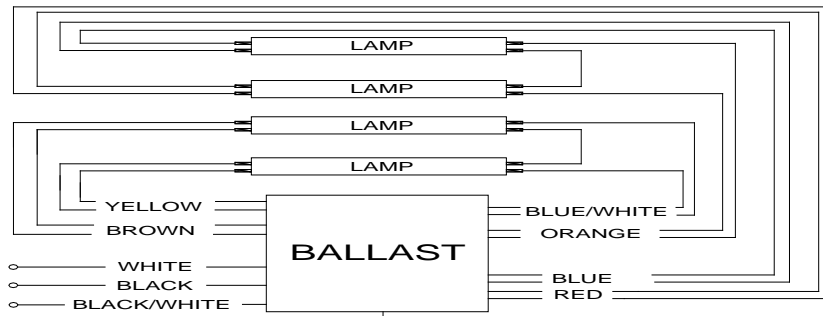
- Maximum Ambient Temperature: 131°F, 55°C
- Sound Rated: A
- Maximum case temperature Tc: 194°F, 90°C
- Remote Mounting: 18ft. max. Lead length, 18AWG

Physical Parameters:

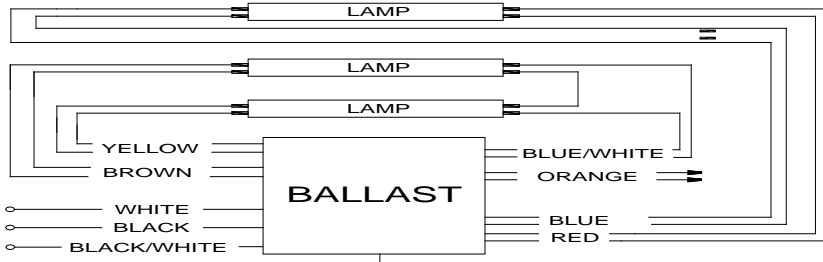
- Length: 16.75"
- Width: 1.8"
- Height: 1.2"
- Weight: 3 lbs

Lead Length:

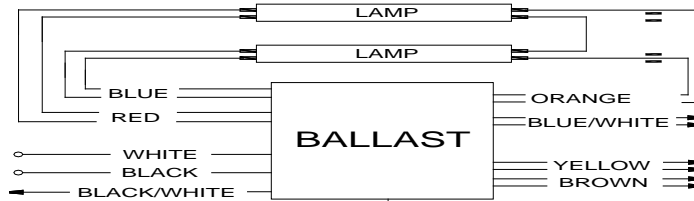
- White, Black, Black/White 25" (±1")
- Blue/White, Orange 46" (±1")
- Red, Blue 31" (±1")
- Brown, Yellow 31" (±1")



4 Lamps application
BALLAST MUST BE GROUNDED



3 Lamps application
BALLAST MUST BE GROUNDED



2 Lamps application
BALLAST MUST BE GROUNDED