

# WH3-120-C

## Instant Start Fluorescent Ballast

- Solid State Electronic Ballast
- Input Voltage: 120VAC, 50/60Hz
- Instant Start
- cUL Listed, Class P

## General Specifications

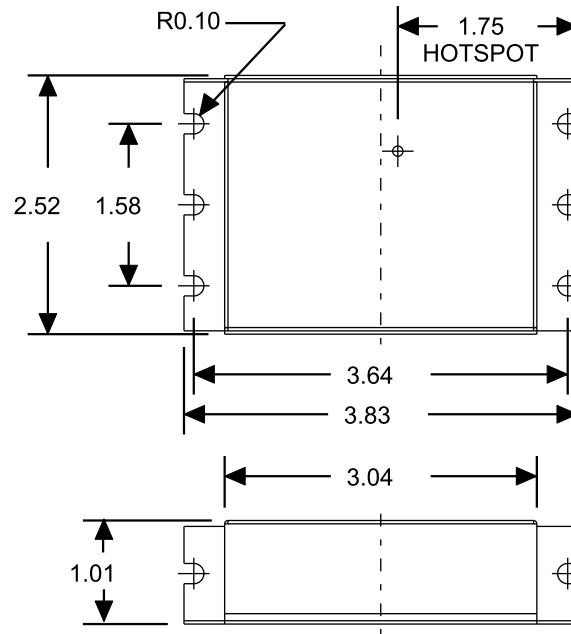
|                      |                                                              |
|----------------------|--------------------------------------------------------------|
| Input Voltage        | 120VAC $\pm$ 10%, 50 / 60Hz                                  |
| EMI / RFI Compliance | FCC Part 18-A (Non-Consumer)                                 |
| Sound Rating         | " A "                                                        |
| Ballast Type         | Instant Start                                                |
| Voltage Transients   | ANSI 62.41                                                   |
| Input Protection     | Fuse                                                         |
| Min. Operating Temp  | -30°C (-20°F)                                                |
| Max. Case Temp       | 70°C (158°F)                                                 |
| Approvals Class      | cUL Listed, Class "P", 1 or 2 Outdoor                        |
| Warranty             | 5 Years from the date of manufacture when properly installed |

## Electrical Data

| Lamp Wattage / Type | Lamps Operated | Input Wattage | Line Current | Power Factor | Ballast Factor | Efficacy Factor | THD |
|---------------------|----------------|---------------|--------------|--------------|----------------|-----------------|-----|
| T5CR40W             | 1              | 36            | 0.33         | 0.93         | 0.87           | 2.38            | 38% |
| CR32W               | 1              | 28            | 0.25         | 0.93         | 0.79           | 2.83            | 39% |
| 22+32CR             | 1              | 36            | 0.32         | 0.93         | 0.68           | 1.91            | 37% |
| F24T5               | 1              | 25            | 0.23         | 0.92         | 1.02           | 4.06            | 41% |
| F54T5               | 1              | 56            | 0.50         | 0.94         | 0.99           | 1.77            | 34% |
| *F15T8              | 2              | 28            | 0.25         | 0.92         | 1.13           | 4.06            | 39% |
| *F15T8              | 3              | 40            | 0.35         | 0.93         | 0.90           | 2.27            | 36% |
| FT24W               | 1              | 24            | 0.22         | 0.91         | 1.00           | 4.12            | 41% |
| FT36W               | 1              | 31            | 0.28         | 0.92         | 0.81           | 2.65            | 40% |
| FT40W               | 1              | 41            | 0.37         | 0.93         | 0.89           | 2.16            | 37% |
| T5CR55W             | 1              | 53            | 0.47         | 0.93         | 1.33           | 2.50            | 36% |
| *F32T8              | 1              | 38            | 0.34         | 0.93         | 1.40           | 3.69            | 36% |
| *F60T8HO            | 1              | 61            | 0.54         | 0.94         | 1.14           | 1.87            | 34% |
| *CFT18W             | 2              | 27            | 0.25         | 0.92         | 0.72           | 2.67            | 40% |
| F15T8               | 1              | 18            | 0.16         | 0.91         | 1.18           | 6.56            | 42% |
| *F17T8              | 2              | 33            | 0.30         | 0.93         | 1.13           | 3.43            | 37% |
| *F17T8              | 1              | 21            | 0.19         | 0.92         | 1.48           | 7.05            | 40% |
| *F32T8              | 1              | 38            | 0.34         | 0.93         | 1.40           | 3.69            | 36% |
| *F32T8              | 2              | 61            | 0.54         | 0.94         | 1.06           | 1.74            | 33% |
| *CR40WT9            | 1              | 36            | 0.32         | 0.93         | 0.81           | 2.25            | 37% |
| F24T5HO             | 2              | 40            | 0.36         | 0.94         | 0.73           | 1.82            | 36% |
| F42T6               | 2              | 61            | 0.54         | 0.94         | 0.97           | 1.59            | 33% |
| *F72T8HO            | 1              | 73            | 0.65         | 0.94         | 1.05           | 1.43            | 32% |
| F39T5HO             | 1              | 38            | 0.34         | 0.93         | 0.88           | 2.31            | 37% |
| *F20T12             | 2              | 30            | 0.27         | 0.93         | 0.94           | 3.13            | 38% |
| F24T5HO             | 2              | 40            | 0.35         | 0.93         | 0.79           | 1.98            | 37% |
| CFTR32W             | 1              | 34            | 0.30         | 0.93         | 0.96           | 2.85            | 38% |
| 2D38                | 1              | 29            | 0.26         | 0.93         | 0.86           | 2.96            | 41% |
| F25T8               | 1              | 30            | 0.27         | 0.93         | 1.44           | 4.88            | 39% |
| CFTR26W             | 1              | 27            | 0.24         | 0.92         | 1.02           | 3.79            | 41% |
| CFQ26W              | 1              | 29            | 0.27         | 0.92         | 1.01           | 3.47            | 42% |

# WH3-120-C

## Mechanical Data



## Wiring Diagrams

| Wire Color | Length<br>(Inches) |
|------------|--------------------|
| Black      | 12" ±1"            |
| White      | 12" ±1"            |
| Red        | 12" ±1"            |
| Yellow     | 12" ±1"            |

Wiring configurations vary depending on the lamp type.  
Please refer to Fulham's Wiring Diagram Finder in the link below:

- <https://www.fulham.com/contact-us/wiring-diagrams/>