

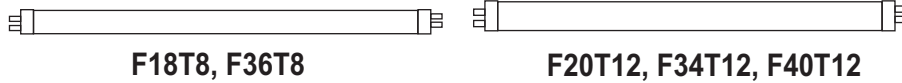
**Discontinued**  
 Contact Fulham for availability. Not for use in new designs.

**SPECIFICATION SHEET : WHCG5-120-T12-RS**

This Is An Original Product From Fulham Co., Inc

**Description : WORKHORSE Commercial Grade Series Electronic Ballast, Drop In Replacement for Magnetic Ballast, Parallel Lamp Operation, THD Less Than 30%**

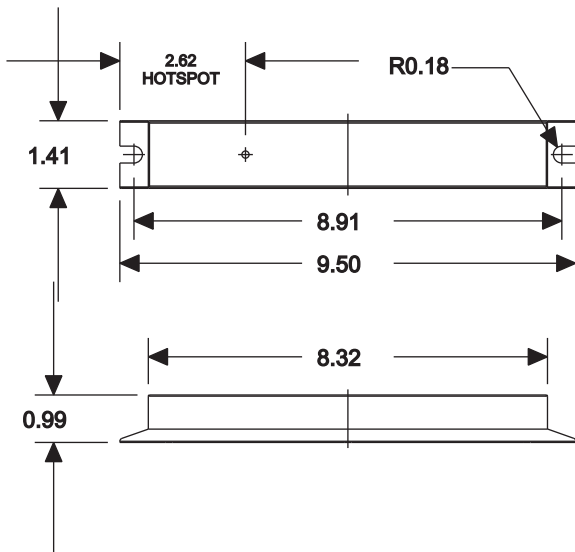
**This Ballast Will Operate Following Lamps.**



**ELECTRICAL DATA**

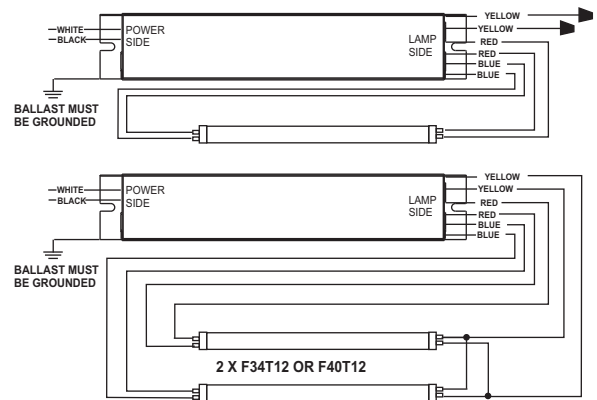
|                                 |  |        |        |       |       |        |        |        |   |
|---------------------------------|--|--------|--------|-------|-------|--------|--------|--------|---|
| INPUT VOLT: 120V ± 10%, 50/60Hz |  |        |        |       |       |        |        |        |   |
| LAMP WATTS/TYPE                 | F36T8                                  | F34T12 | F40T12 | F18T8 | F36T8 | F20T12 | F34T12 | F40T12 | - |
| LAMPS OPERATED                  | 1                                      |        |        | 2     |       |        |        |        |   |
| INPUT WATTS                     | 42.23                                  | 36.74  | 43.91  | 44.55 | 73.07 | 44.86  | 62.98  | 73.41  |   |
| LINE CURRENT:                   | 0.383                                  | 0.347  | 0.395  | 0.399 | 0.619 | 0.401  | 0.535  | 0.620  |   |
| POWER FACTOR                    | 0.91                                   | 0.90   | 0.92   | 0.92  | 0.98  | 0.93   | 0.98   | 0.98   |   |
| BALLAST FACTOR                  | 1.12                                   | 1.00   | 1.11   | 1.13  | 0.98  | 1.15   | 0.89   | 0.96   |   |
| EFFICACY FACTOR                 | 2.66                                   | 2.73   | 2.53   | 2.54  | 1.34  | 2.57   | 1.41   | 1.30   |   |
| THD                             | < 30 %                                 |        |        |       |       |        |        |        |   |
| CURRENT CREST FACTOR            | < 1.7                                  |        |        |       |       |        |        |        |   |
| EMI/RFI COMPLIANCE              | FCC PART 18-A (Non-Consumer)           |        |        |       |       |        |        |        |   |
| SOUND RATING                    | " A "                                  |        |        |       |       |        |        |        |   |
| BALLAST TYPE                    | RAPID START                            |        |        |       |       |        |        |        |   |
| VOLTAGE TRANSIENTS              | ANSI C82.11 - 1993                     |        |        |       |       |        |        |        |   |
| INPUT/PROTECTION                | FUSE                                   |        |        |       |       |        |        |        |   |
| OUTPUT/PROTECTION               | EOL                                    |        |        |       |       |        |        |        |   |
| MIN. OPERATING TEMP             | 0 °C ( 32 °F )                         |        |        |       |       |        |        |        |   |
| MAX. CASE TEMP                  | 70 °C ( 158 °F )                       |        |        |       |       |        |        |        |   |
| TYPE "HL" APPROVAL              | APPROVED FOR HAZARDOUS LOCATION        |        |        |       |       |        |        |        |   |
| APPROVALS/CLASS                 | UL /cUL LISTED, CLASS " P ", 1 OUTDOOR |        |        |       |       |        |        |        |   |

**MECHANICAL DATA**



**WIRING DIAGRAMS**

|                 |         |         |         |         |         |       |
|-----------------|---------|---------|---------|---------|---------|-------|
| WIRE            | BLACK   | WHITE   | RED     | BLUE    | YELLOW  | BROWN |
| LENGTH - INCHES | 24 ± 1" | 24 ± 1" | 32 ± 1" | 32 ± 1" | 48 ± 1" |       |



**NOTE : This Ballast Case Must Be Grounded**

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of 5 years from the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please reference the Fulham product catalog ([www.fulham.com](http://www.fulham.com))  
 Due to a program of continuous improvement, Fulham reserves the right to make modifications or variations in design or construction to the equipment described. © Fulham Company Limited, All Rights Reserved.