

## SPECIFICATION SHEET : WH2-120-C

This Is An Original Product From Fulham Co., Inc

**Description : WorkHorse Series Versatile, Solid State Electronic Ballast. Small Case Size, High Power Factor, Light Weight, Available In 120/230/277V 50/60 Hz.**

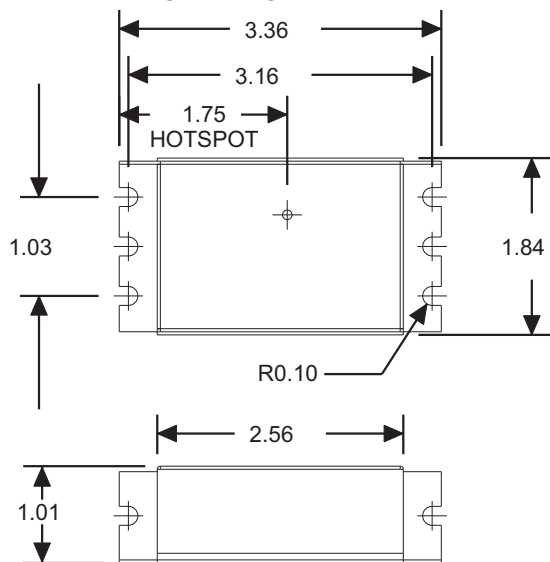
**This Ballast Will Operate Following Lamps.**

**REFER TO LAMP WATTS/TYPE**

### ELECTRICAL DATA

| INPUT VOLT: 120V $\pm$ 10% , 50/60Hz |                                         |             |              |                |                 |
|--------------------------------------|-----------------------------------------|-------------|--------------|----------------|-----------------|
| LAMP WATTS/TYPE                      | LAMPS OPERATED                          | INPUT WATTS | LINE CURRENT | BALLAST FACTOR | EFFICACY FACTOR |
| * F15T8                              | 1                                       | 17          | 0.15         | 1.0            | 6.1             |
| * F17T8                              | 1                                       | 21          | 0.28         | 1.2            | 5.8             |
| * F25T8                              | 1                                       | 29          | 0.25         | 1.2            | 4.2             |
| * FCR22WT9                           | 1                                       | 19          | 0.17         | 0.8            | 4.5             |
| * F32T8                              | 1                                       | 38          | 0.33         | 1.2            | 3.2             |
|                                      |                                         |             |              |                |                 |
|                                      |                                         |             |              |                |                 |
|                                      |                                         |             |              |                |                 |
| POWER FACTOR                         | > 0.9                                   |             |              |                |                 |
| THD                                  | < 38.7 %                                |             |              |                |                 |
| EMI/RFI COMPLIANCE                   | FCC PART 18-A                           |             |              |                |                 |
| SOUND RATING                         | " A "                                   |             |              |                |                 |
| BALLAST TYPE                         | INSTANT START                           |             |              |                |                 |
| VOLTAGE TRANSIENTS                   | ANSI C82.11 - 1993                      |             |              |                |                 |
| INPUT/PROTECTION                     | FUSE                                    |             |              |                |                 |
| MIN. OPERATING TEMP                  | - 30 $^{\circ}$ C ( - 20 $^{\circ}$ F ) |             |              |                |                 |
| MAX. CASE TEMP                       | 70 $^{\circ}$ C ( 158 $^{\circ}$ F )    |             |              |                |                 |
| APPROVALS/CLASS                      | UL LISTED, CLASS " P ", 1 OR 2 OUTDOOR  |             |              |                |                 |

### MECHANICAL DATA



Where : L = Length, W = Width, H = Height

### WIRING DIAGRAMS

| WIRE            | BLACK       | WHITE       | RED         | BLUE | YELLOW      | BROWN |
|-----------------|-------------|-------------|-------------|------|-------------|-------|
| LENGTH - INCHES | 12 $\pm$ 1" | 12 $\pm$ 1" | 12 $\pm$ 1" | -    | 12 $\pm$ 1" | -     |

FOR WIRING DIAGRAM,  
PLEASE REFER TO FULHAM'S CATALOG

**NOTE : This Ballast Must Be Grounded**

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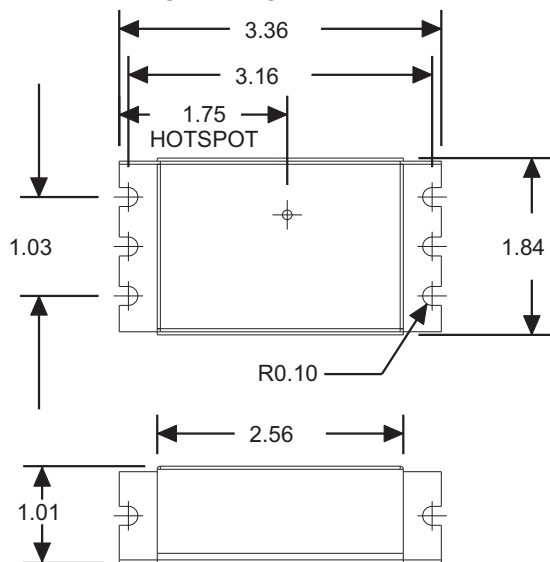
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### ELECTRICAL DATA

| INPUT VOLT: 120V $\pm$ 10% , 50/60Hz          |                |             |              |                |                 |
|-----------------------------------------------|----------------|-------------|--------------|----------------|-----------------|
| LAMP WATTS/TYPE                               | LAMPS OPERATED | INPUT WATTS | LINE CURRENT | BALLAST FACTOR | EFFICACY FACTOR |
| 13CFQ/E                                       | 2              | 26          | 0.23         | 0.8            | 3.2             |
| 13CFQ/E                                       | 1              | 16          | 0.15         | 1.1            | 6.8             |
| CFT9W                                         | 2              | 17          | 0.15         | 0.8            | 4.8             |
| CFT9W                                         | 1              | 19          | 0.17         | 1.1            | 5.8             |
| CFT13W                                        | 1              | 15          | 0.14         | 1.1            | 7.3             |
| CFT18W                                        | 1              | 17          | 0.15         | 0.9            | 5.5             |
| F13T5                                         | 2              | 27          | 0.24         | 1.0            | 3.8             |
| POWER FACTOR                                  |                |             |              |                |                 |
| > 0.9                                         |                |             |              |                |                 |
| THD                                           |                |             |              |                |                 |
| < 38.7 %                                      |                |             |              |                |                 |
| EMI/RFI COMPLIANCE                            |                |             |              |                |                 |
| FCC PART 18-A                                 |                |             |              |                |                 |
| SOUND RATING                                  |                |             |              |                |                 |
| " A "                                         |                |             |              |                |                 |
| BALLAST TYPE                                  |                |             |              |                |                 |
| INSTANT START                                 |                |             |              |                |                 |
| VOLTAGE TRANSIENTS                            |                |             |              |                |                 |
| ANSI C82.11 - 1993                            |                |             |              |                |                 |
| INPUT/PROTECTION                              |                |             |              |                |                 |
| FUSE                                          |                |             |              |                |                 |
| MIN. OPERATING TEMP                           |                |             |              |                |                 |
| - 30 $^{\circ}$ C ( - 20 $^{\circ}$ F )       |                |             |              |                |                 |
| MAX. CASE TEMP                                |                |             |              |                |                 |
| 70 $^{\circ}$ C ( 158 $^{\circ}$ F )          |                |             |              |                |                 |
| APPROVALS/CLASS                               |                |             |              |                |                 |
| UL LISTED, CLASS " P ", 1 OR 2 OUTDOOR        |                |             |              |                |                 |
| APPROVALS/CLASS                               |                |             |              |                |                 |
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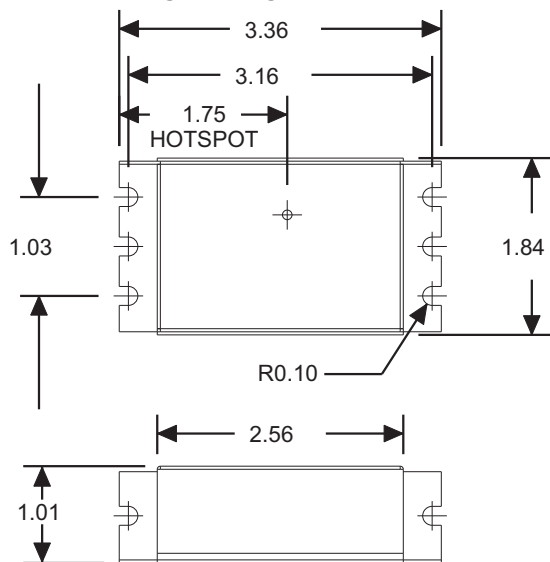
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| CFQ18W                              | 1                                       | 17          | 0.15         | 0.8            | 4.9             |
| CFQ18W                              | 2                                       | 25          | 0.22         | 0.6            | 2.5             |
| CFQ26W                              | 1                                       | 20          | 0.18         | 0.5            | 2.5             |
| CFTR18W                             | 1                                       | 18          | 0.16         | 1.0            | 5.3             |
| CFTR26W                             | 1                                       | 26          | 0.23         | 0.9            | 3.5             |
| CFTR32W                             | 1                                       | 31          | 0.27         | 0.8            | 2.7             |
| F42T6                               | 1                                       | 27          | 0.24         | 0.9            | 3.5             |
| F21T5                               | 2                                       | 37          | 0.33         | 0.8            | 2.1             |
| POWER FACTOR                        | > 0.9                                   |             |              |                |                 |
| THD                                 | < 38.7 %                                |             |              |                |                 |
| EMI/RFI COMPLIANCE                  | FCC PART 18-A                           |             |              |                |                 |
| SOUND RATING                        | " A "                                   |             |              |                |                 |
| BALLAST TYPE                        | INSTANT START                           |             |              |                |                 |
| VOLTAGE TRANSIENTS                  | ANSI C82.11 - 1993                      |             |              |                |                 |
| INPUT/PROTECTION                    | FUSE                                    |             |              |                |                 |
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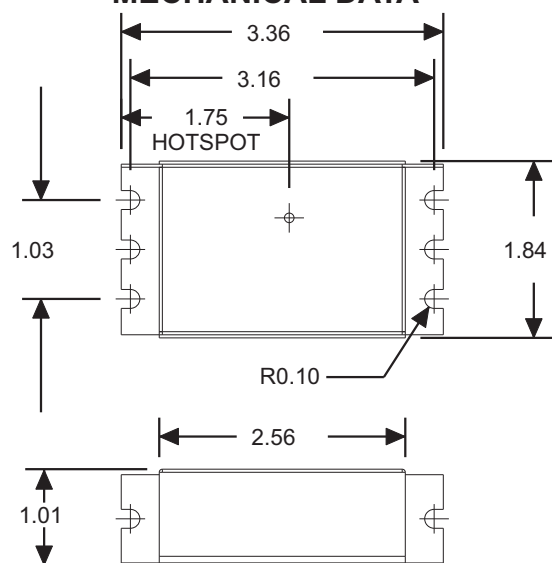
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| F14T5                               | 1                                       | 17          | 0.15         | 1.1            | 6.3             |
| F8T5                                | 1                                       | 11          | 0.10         | 1.1            | 10.5            |
| F13T5                               | 1                                       | 17          | 0.15         | 1.0            | 5.8             |
| F21T5                               | 1                                       | 23          | 0.20         | 1.0            | 4.1             |
| F28T5                               | 1                                       | 30          | 0.26         | 0.9            | 3.1             |
| F14T5                               | 2                                       | 25          | 0.22         | 0.8            | 3.1             |
| 2D10W                               | 2                                       | 22          | 0.19         | 1.0            | 4.4             |
| F14T5                               | 2                                       | 27          | 0.24         | 0.9            | 3.2             |
| POWER FACTOR                        | > 0.9                                   |             |              |                |                 |
| THD                                 | < 38.7 %                                |             |              |                |                 |
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