



## SPECIFICATION SHEET : WH7-120-L

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.**

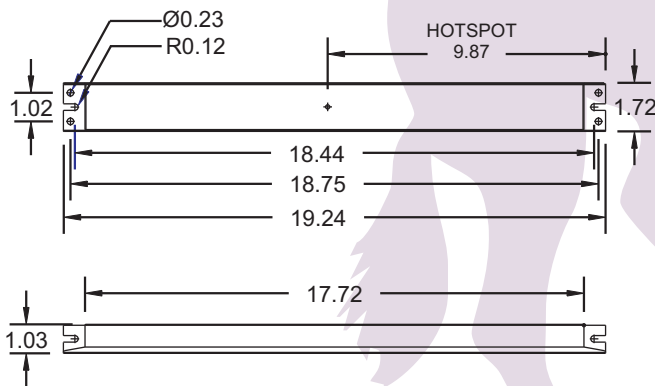


REFER TO LAMP LIST

### ELECTRICAL DATA

| INPUT VOLT: 120V ± 10%, 50/60Hz |   |             |              |                |                 |
|---------------------------------|---|-------------|--------------|----------------|-----------------|
| LAMP WATTS/TYPE                 | LAMPS OPERATED                              | INPUT WATTS | LINE CURRENT | BALLAST FACTOR | EFFICACY FACTOR |
| F96T12HO(110W)                  | 1   | 115         | 1.04         | 1.12           | 0.97            |
| F96T12HO(110W)                  | 2   | 242         | 2.16         | 1.17           | 0.48            |
| F96T12HO(95W)                   | 1   | 96          | 0.87         | 1.11           | 1.16            |
| F96T12HO(95W)                   | 2   | 199         | 1.79         | 46.82          | 23.53           |
| F96T12VHO                       | 1   | 192         | 1.73         | 0.91           | 0.47            |
| F36T12HO                        | 2   | 99          | 0.89         | 0.97           | 0.99            |
| POWER FACTOR                    | > 0.9                                       |             |              |                |                 |
| THD                             | < 32 %                                      |             |              |                |                 |
| EMI/RFI COMPLIANCE              | FCC PART 18-A                               |             |              |                |                 |
| SOUND RATING                    | " A "                                       |             |              |                |                 |
| BALLAST TYPE                    | INSTANT START                               |             |              |                |                 |
| VOLTAGE TRANSIENTS              | ANSI C82.11 - 1993                          |             |              |                |                 |
| INPUT/PROTECTION                | FUZE  |             |              |                |                 |
| OUTPUT/PROTECTION               | -   |             |              |                |                 |
| MIN. OPERATING TEMP             | - 30 <sup>0</sup> C ( - 20 <sup>0</sup> F ) |             |              |                |                 |
| MAX. CASE TEMP                  | 70 <sup>0</sup> C ( 158 <sup>0</sup> F )    |             |              |                |                 |
| APPROVALS/CLASS                 | * UL LISTED, CLASS " P ", 1 OUTDOOR         |             |              |                |                 |
| APPROVALS/CLASS                 | UL /cUL LISTED, CLASS " P ", 1 OUTDOOR      |             |              |                |                 |

### MECHANICAL DATA



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

### WIRING DIAGRAMS

| WIRE            | BLACK   | WHITE   | RED     | BLUE | YELLOW  | BROWN |
|-----------------|---------|---------|---------|------|---------|-------|
| LENGTH - INCHES | 12 ± 1" | 12 ± 1" | 36 ± 1" | -    | 36 ± 1" | -     |

**WIRING DIAGRAMS DEPENDS  
ON THE LAMP TYPE.  
PLEASE REFER TO FULHAM'S CATALOG.**

NOTE : This Ballast Must Be Grounded

Fulham Co., Inc extends limited warranty only to the original purchaser or to the first user for the period of 5 years from the date of manufacture as indicated by the date code stamped on each product and when properly installed and under normal conditions of use. For additional warranty guide line, please refer to our Complete Product Catalog OR call Customer Service at 1-323-599-5000.

DUE TO A PROGRAM OF CONTINUOUS IMPROVEMENT, FULHAM Co., INC RESERVES THE RIGHT TO MAKE ANY VARIATION IN DESIGN OR CONSTRUCTION TO THE EQUIPMENT DESCRIBED.

Address : 12705 South Van Ness Ave., Hawthorne, CA 90250 Tel.: 1-323-599-5000, Fax.: 1-323-754-9060. Website: [www.fulham.com](http://www.fulham.com) 2006-15SP-1 rev E

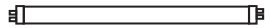


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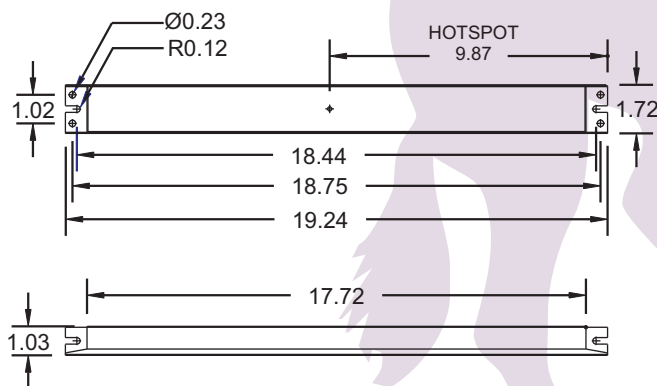


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|---------------------------------|--|-------------|--------------|----------------|-----------------|
| LAMP WATTS/TYPE                 | LAMPS OPERATED                         | INPUT WATTS | LINE CURRENT | BALLAST FACTOR | EFFICACY FACTOR |
| F32T8                           | 3                                      | 155         | 1.40         | 1.58           | 1.02            |
|                                 |  |             |              |                |                 |
|                                 |  |             |              |                |                 |
|                                 |  |             |              |                |                 |
|                                 |  |             |              |                |                 |
| POWER FACTOR                    | > 0.9                                  |             |              |                |                 |
| THD                             | < 32 %                                 |             |              |                |                 |
| EM/RFI COMPLIANCE               | FCC PART 18-A                          |             |              |                |                 |
| SOUND RATING                    | " A "                                  |             |              |                |                 |
| BALLAST TYPE                    | INSTANT START                          |             |              |                |                 |
| VOLTAGE TRANSIENTS              | ANSI C82.11 - 1993                     |             |              |                |                 |
| INPUT/PROTECTION                | FUSE                                   |             |              |                |                 |
| OUTPUT/PROTECTION               | -                                      |             |              |                |                 |
| MIN. OPERATING TEMP             | - 30 °C ( - 20 ° F )                   |             |              |                |                 |
| MAX. CASE TEMP                  | 70 °C ( 158 ° F )                      |             |              |                |                 |
| APPROVALS/CLASS                 | * UL LISTED, CLASS " P ", 1 OUTDOOR    |             |              |                |                 |
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