



## SPECIFICATION SHEET : WH5-120-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.**

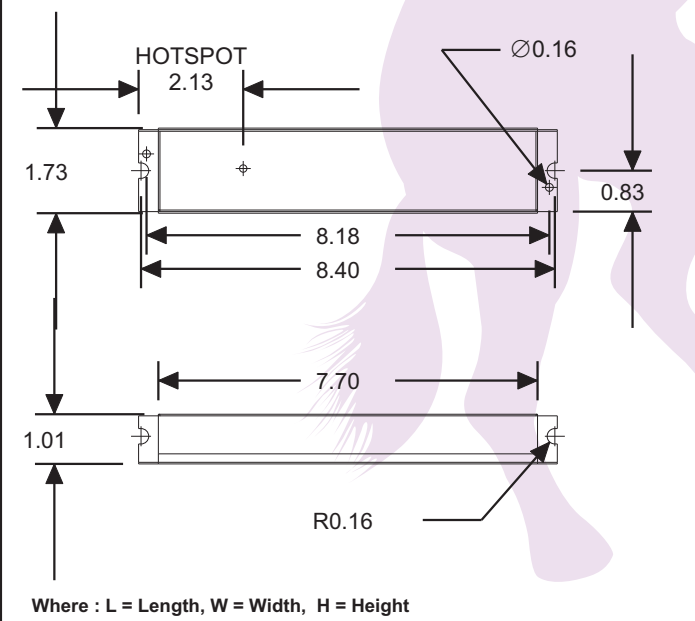
**This Ballast Will Operate Following Lamps.**

**REFER TO LAMP WATTS/TYPE**

### ELECTRICAL DATA

| INPUT VOLT: 120V ± 10%, 50/60Hz |                                        |             |              |                |                 |  |
|---------------------------------|----------------------------------------|-------------|--------------|----------------|-----------------|--|
| LAMP WATTS/TYPE                 | LAMPS OPERATED                         | INPUT WATTS | LINE CURRENT | BALLAST FACTOR | EFFICACY FACTOR |  |
| F32T8                           | 3                                      | 106         | 0.93         | 1.10           | 1.04            |  |
| F32T8                           | 4                                      | 127         | 1.13         | 0.99           | 0.78            |  |
| F54T5HO                         | 2                                      | 108         | 0.96         | 0.89           | 0.82            |  |
| F58T8                           | 2                                      | 110         | 0.97         | 0.97           | 0.89            |  |
| F40T10                          | 2                                      | 101         | 0.90         | 1.07           | 1.06            |  |
| F15T8                           | 3                                      | 50          | 0.44         | 0.96           | 1.94            |  |
| POWER FACTOR                    | > 0.9                                  |             |              |                |                 |  |
| THD                             | < 32 %                                 |             |              |                |                 |  |
| CURRENT CREST FACTOR            |                                        |             |              |                |                 |  |
| EMI/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 )                      |             |              |                |                 |  |
| ENERGY STAR 4.0                 | -                                      |             |              |                |                 |  |
| APPROVALS/CLASS                 | UL /cUL LISTED, CLASS " P ", 1 OUTDOOR |             |              |                |                 |  |

### MECHANICAL DATA



### 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

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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) 2006-26SP-1 rev M

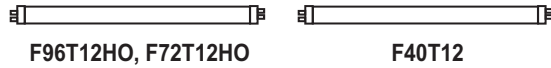


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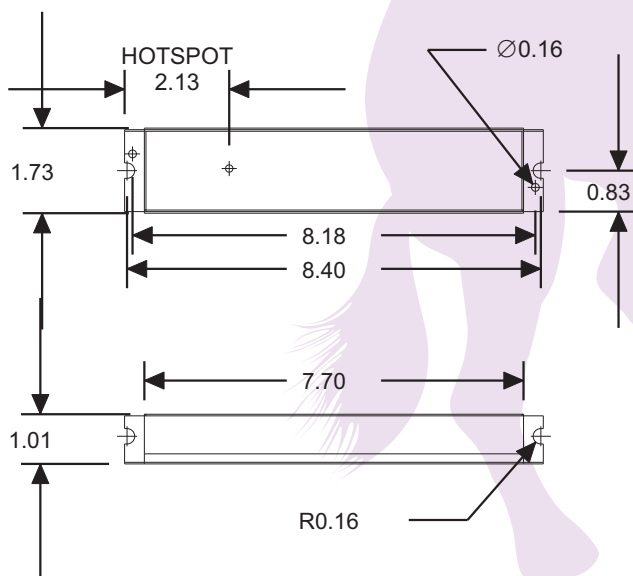
F96T12HO, F72T12HO

F40T12

### ELECTRICAL DATA

| INPUT VOLT: 120V ± 10%, 50/60Hz |                |             |                                        |                |                 |
|---------------------------------|----------------|-------------|----------------------------------------|----------------|-----------------|
| LAMP WATTS/TYPE                 | LAMPS OPERATED | INPUT WATTS | LINE CURRENT                           | BALLAST FACTOR | EFFICACY FACTOR |
| F96T12HO/SS 95W                 | 1              | 63          | 0.56                                   | 0.62           | 0.99            |
| F96T12HO 110W                   | 1              | 72          | 0.63                                   | 0.64           | 0.89            |
| F72T12HO                        | 1              | 97          | 0.87                                   | 1.12           | 1.16            |
| F40T12                          | 2              | 94          | 0.84                                   | 1.17           | 1.24            |
| F15T8                           | 4              | 60          | 0.53                                   | 0.92           | 1.55            |
| 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                |                |             | FUSE                                   |                |                 |
| OUTPUT/PROTECTION               |                |             | -                                      |                |                 |
| MIN. OPERATING TEMP             |                |             | - 30 °C ( - 20 ° F )                   |                |                 |
| MAX. CASE TEMP                  |                |             | 70 °C ( 158 ° F )                      |                |                 |
| ENERGY STAR 4.0                 |                |             | -                                      |                |                 |
| APPROVALS/CLASS                 |                |             | UL /cUL LISTED, CLASS " P ", 1 OUTDOOR |                |                 |

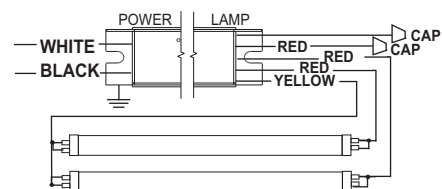
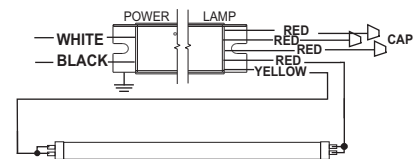
### MECHANICAL DATA



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" | -     |



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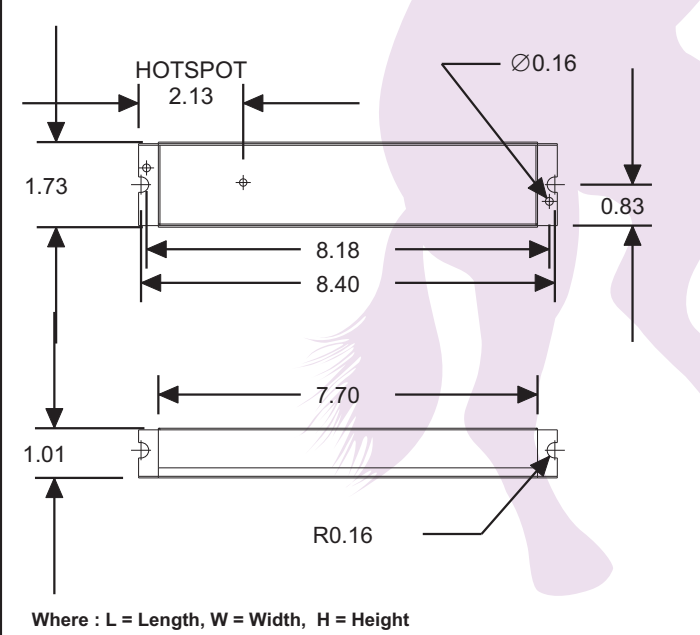
**This Ballast Will Operate Following Lamps.**

**REFER TO LAMP WATTS/TYPE**

### ELECTRICAL DATA

| INPUT VOLT: 120V ± 10%, 50/60Hz |                                        |             |              |                |                 |
|---------------------------------|----------------------------------------|-------------|--------------|----------------|-----------------|
| LAMP WATTS/TYPE                 | LAMPS OPERATED                         | INPUT WATTS | LINE CURRENT | BALLAST FACTOR | EFFICACY FACTOR |
| 36/39CFT/E                      | 1                                      | 42          | 0.38         | 1.03           | 2.44            |
| 36/39CFT/E                      | 2                                      | 69          | 0.62         | 0.91           | 1.32            |
| CFQ26W                          | 2                                      | 59          | 0.53         | 0.98           | 1.65            |
| F72T8HO                         | 1                                      | 69          | 0.61         | 0.75           | 1.09            |
| CFTR42W                         | 2                                      | 92          | 0.81         | 0.88           | 0.96            |
| F60T12                          | 1                                      | 55          | 0.49         | 0.89           | 1.63            |
| 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                | FUSE                                   |             |              |                |                 |
| OUTPUT/PROTECTION               | -                                      |             |              |                |                 |
| MIN. OPERATING TEMP             | - 30 °C ( - 20 ° F )                   |             |              |                |                 |
| MAX. CASE TEMP                  | 70 °C ( 158 ° F )                      |             |              |                |                 |
| ENERGY STAR 4.0                 | -                                      |             |              |                |                 |
| APPROVALS/CLASS                 | UL /cUL LISTED, CLASS " P ", 1 OUTDOOR |             |              |                |                 |

### MECHANICAL DATA



### WIRING DIAGRAMS

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

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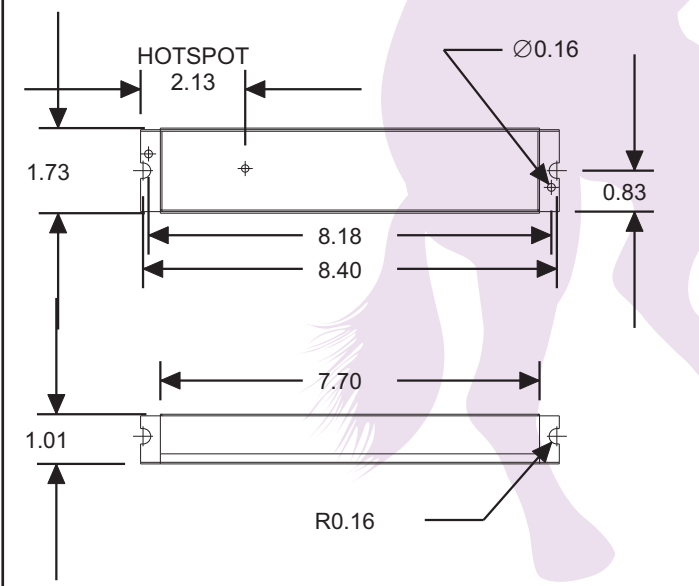
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### ELECTRICAL DATA

| INPUT VOLT: 120V ± 10%, 50/60Hz |                                        |             |              |                |                 |
|---------------------------------|----------------------------------------|-------------|--------------|----------------|-----------------|
| LAMP WATTS/TYPE                 | LAMPS OPERATED                         | INPUT WATTS | LINE CURRENT | BALLAST FACTOR | EFFICACY FACTOR |
| FT50W                           | 2                                      | 117         | 1.04         | 1.02           | 0.88            |
| FT50W                           | 1                                      | 56          | 0.50         | 0.90           | 1.62            |
| CFTR42W                         | 3                                      | 106         | 0.94         | 0.70           | 0.66            |
| CFQ26W                          | 4                                      | 94          | 0.85         | 0.80           | 0.86            |
| F25T8                           | 3                                      | 85          | 0.75         | 1.14           | 1.34            |
| F18T8                           | 2                                      | 41          | 0.37         | 0.94           | 2.28            |
| 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                | FUSE                                   |             |              |                |                 |
| OUTPUT/PROTECTION               | -                                      |             |              |                |                 |
| MIN. OPERATING TEMP             | - 30 °C ( - 20 °F )                    |             |              |                |                 |
| MAX. CASE TEMP                  | 70 °C ( 158 °F )                       |             |              |                |                 |
| ENERGY STAR 4.0                 | -                                      |             |              |                |                 |
| APPROVALS/CLASS                 | UL /cUL LISTED, CLASS " P ", 1 OUTDOOR |             |              |                |                 |

### MECHANICAL DATA



### WIRING DIAGRAMS

| WIRE            | BLACK   | WHITE   | RED     | BLUE | YELLOW  | BROWN |
|-----------------|---------|---------|---------|------|---------|-------|
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