

SPECIFICATION SHEET : CWH3-120-L

This Is An Original Product From Fulham Co., Inc

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

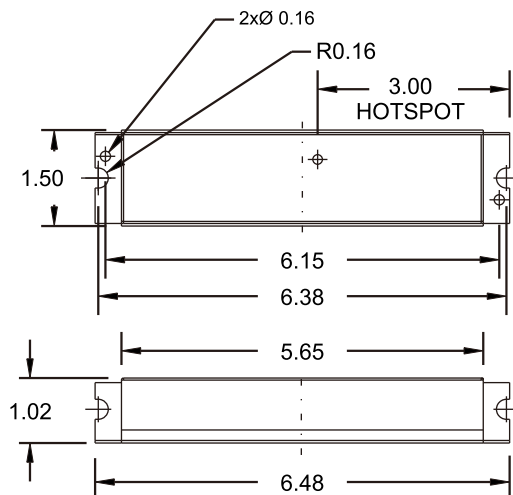
This Ballast Will Operate Following Lamps.

REFER TO LAMP WATTS/TYPE

ELECTRICAL DATA

| | | | | | | | | | |
|---------------------------------|--|-------|-------|---------|-------|-------|-------|-------|---------|
| INPUT VOLT: 120V ± 10%, 50/60Hz | | | | | | | | | |
| LAMP WATTS/TYPE | F15T8 | F15T8 | F32T8 | F60T8HO | F17T8 | F17T8 | F32T8 | F32T8 | CR40WT9 |
| LAMPS OPERATED | 2 | 3 | 1 | 1 | 2 | 1 | 1 | 2 | 1 |
| INPUT WATTS | 28 | 40 | 38 | 61 | 33 | 21 | 38 | 61 | 36 |
| LINE CURRENT: | 0.25 | 0.35 | 0.34 | 0.54 | 0.30 | 0.19 | 0.34 | 0.54 | 0.32 |
| POWER FACTOR | 0.92 | 0.93 | 0.93 | 0.94 | 0.93 | 0.92 | 0.93 | 0.94 | 0.93 |
| BALLAST FACTOR | 0.90 | 0.87 | 1.40 | 1.14 | 1.13 | 1.48 | 1.40 | 1.06 | 0.81 |
| EFFICACY FACTOR | 3.24 | 2.20 | 3.69 | 1.87 | 3.43 | 7.05 | 3.69 | 1.74 | 2.25 |
| THD | 39% | 36% | 36% | 34% | 37% | 40% | 36% | 33% | 37% |
| CURRENT CREST FACTOR | < 1.7 | | | | | | | | |
| EMI/RFI COMPLIANCE | FCC PART 18-B (Consumer) | | | | | | | | |
| SOUND RATING | " A " | | | | | | | | |
| BALLAST TYPE | RAPID START | | | | | | | | |
| VOLTAGE TRANSIENTS | ANSI 62.41 | | | | | | | | |
| INPUT/PROTECTION | FUSE | | | | | | | | |
| OUTPUT/PROTECTION | EOL | | | | | | | | |
| MIN. OPERATING TEMP | 0 °C (32 °F) | | | | | | | | |
| MAX. CASE TEMP | 75 °C (167 °F) | | | | | | | | |
| ENERGY STAR 4.0 | YES | | | | | | | | |
| 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 | 18 ± 1" | 18 ± 1" | 36 ± 1" | - | 36 ± 1" | - |

FOR WIRING DIAGRAM,
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.

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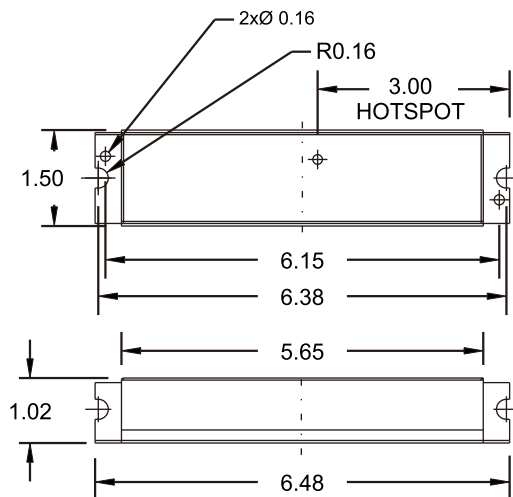
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REFER TO LAMP WATTS/TYPE

ELECTRICAL DATA

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|---------------------------------|--|--------|-------|--------|--|--|--|--|--|
| INPUT VOLT: 120V ± 10%, 50/60Hz | | | | | | | | | |
| LAMP WATTS/TYPE | F42T6 | F20T12 | F25T8 | F40T12 | | | | | |
| LAMPS OPERATED | 2 | 2 | 1 | 1 | | | | | |
| INPUT WATTS | 61 | 30 | 30 | 47 | | | | | |
| LINE CURRENT: | 0.54 | 0.27 | 0.27 | 0.416 | | | | | |
| POWER FACTOR | 0.94 | 0.93 | 0.93 | 0.93 | | | | | |
| BALLAST FACTOR | 0.97 | 0.70 | 1.29 | 1.22 | | | | | |
| EFFICACY FACTOR | 1.59 | 2.33 | 4.36 | 2.61 | | | | | |
| THD | 33% | 38% | 39% | 35.6% | | | | | |
| CURRENT CREST FACTOR | < 1.7 | | | | | | | | |
| EMI/RFI COMPLIANCE | FCC PART 18-B (Consumer) | | | | | | | | |
| SOUND RATING | " A " | | | | | | | | |
| BALLAST TYPE | RAPID START | | | | | | | | |
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| INPUT/PROTECTION | FUSE | | | | | | | | |
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| MIN. OPERATING TEMP | 0 °C (32 °F) | | | | | | | | |
| MAX. CASE TEMP | 75 °C (167 °F) | | | | | | | | |
| ENERGY STAR 4.0 | YES | | | | | | | | |
| APPROVALS/CLASS | UL /cUL LISTED, CLASS " P ", 1 OUTDOOR | | | | | | | | |

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