

SPECIFICATION SHEET: WHPS1-UNV-T8-PS

This Is An Original Product From Fulham Co., Inc.

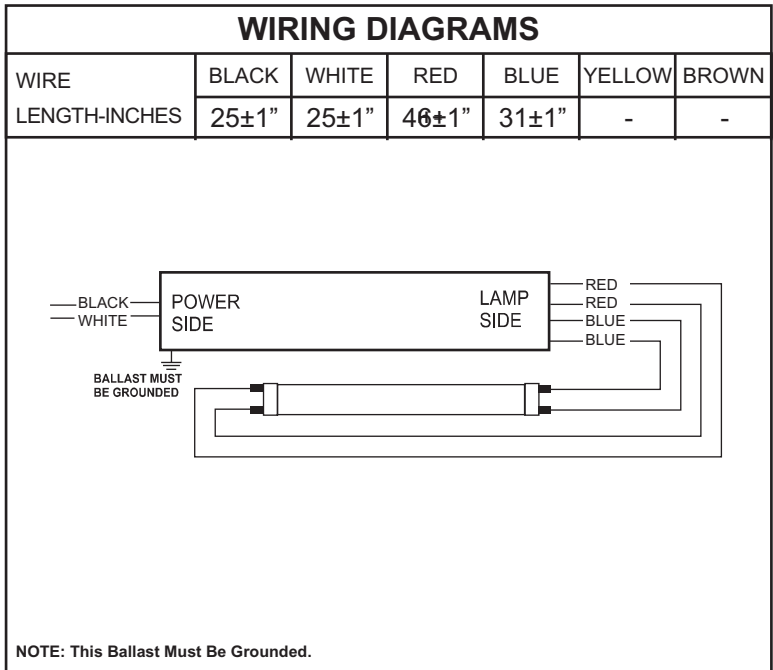
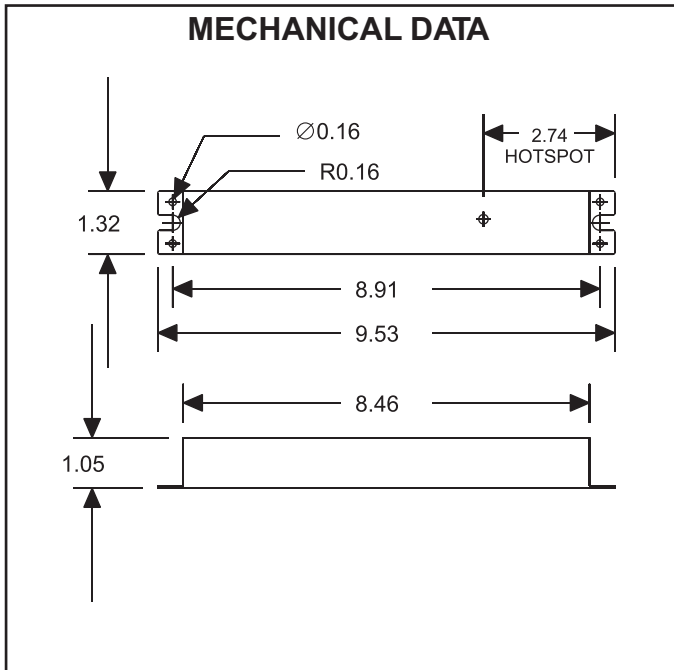
Description: WORKHORSE Specifer Grade Series Electronic Ballast, Drop In Replacement For Magnetic Ballast, Parallel Lamp Operation, THD Less Than 10%

This Ballast Will Operate Following Lamps:

F32T8/25, F32T8/28, F32T8/30,
FBO28T8, FBO31T8, FBO32T8, F32T8

ELECTRICAL DATA

| INPUT VOLT | 120V ± 10%, 50/60Hz | | | | | | |
|-------------------------|-----------------------------------|----------|----------|---------|---------|---------|-------|
| LAMP WATTS/TYPE | F32T8/25 | F32T8/28 | F32T8/30 | FBO28T8 | FBO31T8 | FBO32T8 | F32T8 |
| LAMPS OPERATED | 1 (ONE) | | | | | | |
| INPUT WATTS | 25 | 26 | 27 | 26 | 27 | 30 | 30 |
| LINE CURRENT | 0.21 | 0.22 | 0.23 | 0.22 | 0.23 | 0.25 | 0.25 |
| POWER FACTOR | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| BALLAST FACTOR | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 |
| BALLAST EFFICACY FACTOR | 3.52 | 3.38 | 3.25 | 3.38 | 3.25 | 2.93 | 2.93 |
| THD | 10% | 10% | 10% | 10% | 10% | 10% | 10% |
| CURRENT CREST FACTOR | 1.7 | | | | | | |
| EMI/RFI COMPLIANCE | FCC PART 18-A (NON-CONSUMER) | | | | | | |
| SOUND RATING | "A" | | | | | | |
| BALLAST TYPE | PROGRAM START | | | | | | |
| VOLTAGE TRANSIENTS | ANSI C82.11-2005 | | | | | | |
| INPUT/PROTECTION | INHERENT THERMAL PROTECTION | | | | | | |
| OUTPUT/PROTECTION | - | | | | | | |
| MIN. STATING TEMP. | -18°C (0°F) | | | | | | |
| MAX. CASE TEMP. | 90°C (194°F) | | | | | | |
| TYPE "HL" APPROVAL | APPROVED FOR HAZARDOUS LOCATION | | | | | | |
| APPROVALS/CLASS | UL/cUL LISTED, CLASS P, 1 OUTDOOR | | | | | | |
| REMOTE MOUNTING | 18 FT MAX. LEAD LENGTH, 18 AWG | | | | | | |



SPECIFICATION SHEET: WHPS1-UNV-T8-PS

This Is An Original Product From Fulham Co., Inc.

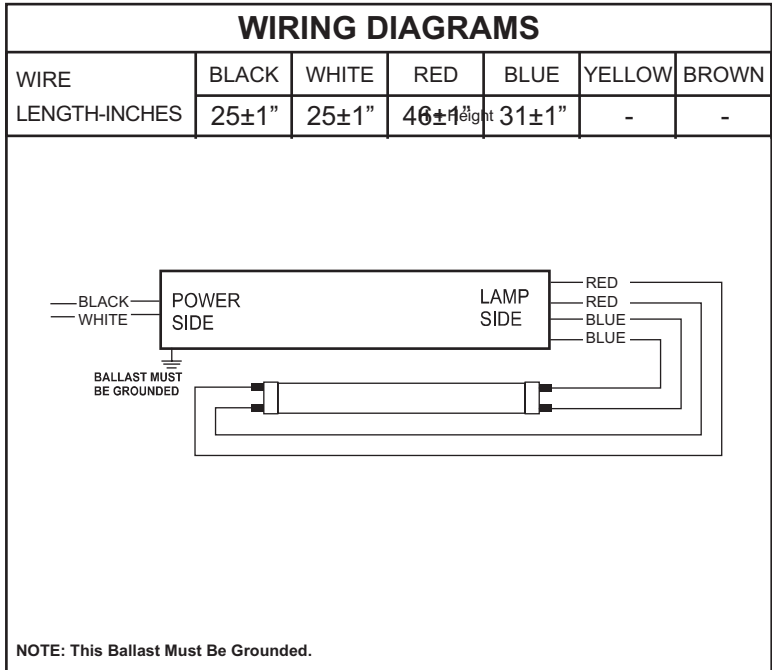
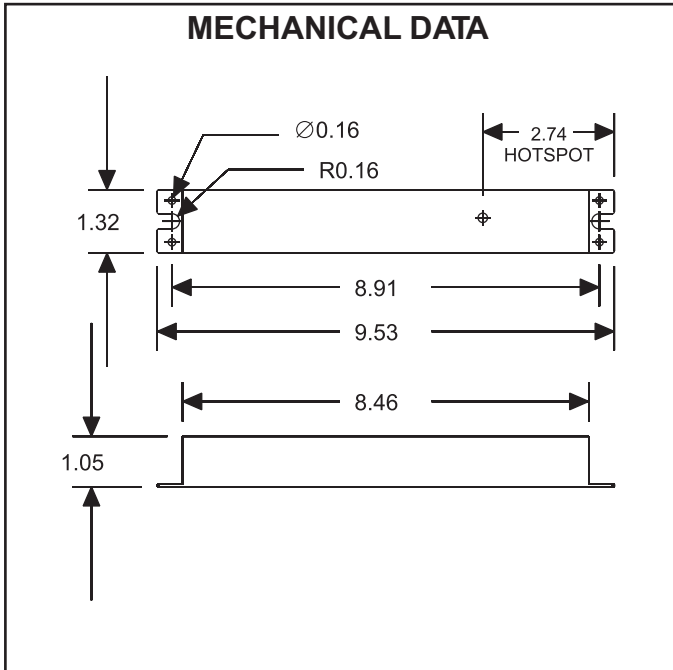
Description: WORKHORSE Specifer Grade Series Electronic Ballast, Drop In Replacement For Magnetic Ballast, Parallel Lamp Operation, THD Less Than 10%

This Ballast Will Operate Following Lamps:

F32T8/25, F32T8/28, F32T8/30,
 FBO28T8, FBO31T8, FBO32T8, F32T8

ELECTRICAL DATA

| INPUT VOLT | 230V ± 10%, 50/60Hz | | | | | | |
|-------------------------|-----------------------------------|----------|----------|---------|---------|---------|-------|
| LAMP WATTS/TYPE | F32T8/25 | F32T8/28 | F32T8/30 | FBO28T8 | FBO31T8 | FBO32T8 | F32T8 |
| LAMPS OPERATED | 1 (ONE) | | | | | | |
| INPUT WATTS | 27 | 27 | 29 | 27 | 29 | 30 | 30 |
| LINE CURRENT | 0.12 | 0.12 | 0.13 | 0.12 | 0.13 | 0.13 | 0.13 |
| POWER FACTOR | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| BALLAST FACTOR | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 |
| BALLAST EFFICACY FACTOR | 3.25 | 3.25 | 3.03 | 3.25 | 3.03 | 2.93 | 2.93 |
| THD | 10% | 10% | 10% | 10% | 10% | 10% | 10% |
| CURRENT CREST FACTOR | 1.7 | | | | | | |
| EMI/RFI COMPLIANCE | FCC PART 18-A (NON-CONSUMER) | | | | | | |
| SOUND RATING | "A" | | | | | | |
| BALLAST TYPE | PROGRAM START | | | | | | |
| VOLTAGE TRANSIENTS | ANSI C82.11-2005 | | | | | | |
| INPUT/PROTECTION | INHERENT THERMAL PROTECTION | | | | | | |
| OUTPUT/PROTECTION | - | | | | | | |
| MIN. STATING TEMP. | -18°C (0°F) | | | | | | |
| MAX. CASE TEMP. | 90°C (194°F) | | | | | | |
| TYPE "HL" APPROVAL | APPROVED FOR HAZARDOUS LOCATION | | | | | | |
| APPROVALS/CLASS | UL/cUL LISTED, CLASS P, 1 OUTDOOR | | | | | | |
| REMOTE MOUNTING | 18 FT MAX. LEAD LENGTH, 18 AWG | | | | | | |



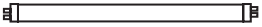
Fulham Co., Inc extends limited warranty only to the original purchaser or to the frst user for the period of **5 years** from date of manufacture as indicated by date code stamped on each product and when properly installed and under normal conditions of use. For additional warranty guide line, please 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. **Data is based upon tests performed by Fulham in a controlled environment and representative of relative performance. Actual performance can vary depending on operating conditions.**
 Address: 12705 S. Van Ness Ave., Hawthorne, CA 90250 Website: www.fulham.com To order this product: Fax: 1-323-754-9060 Email: order@fulham.com 2011-626-2-rev A

SPECIFICATION SHEET: **WHPS1-UNV-T8-PS**

This Is An Original Product From Fulham Co., Inc.

Description: WORKHORSE Specifer Grade Series Electronic Ballast, Drop In Replacement For Magnetic Ballast, Parallel Lamp Operation, THD Less Than 10%

This Ballast Will Operate Following Lamps:


 F32T8/25, F32T8/28, F32T8/30,
 FBO28T8, FBO31T8, FBO32T8, F32T8

ELECTRICAL DATA

| INPUT VOLT | 277V ± 10%, 50/60Hz | | | | | | |
|-------------------------|-----------------------------------|----------|----------|---------|---------|---------|-------|
| LAMP WATTS/TYPE | F32T8/25 | F32T8/28 | F32T8/30 | FBO28T8 | FBO31T8 | FBO32T8 | F32T8 |
| LAMPS OPERATED | 1 (ONE) | | | | | | |
| INPUT WATTS | 27 | 27 | 29 | 27 | 29 | 30 | 30 |
| LINE CURRENT | 0.10 | 0.10 | 0.11 | 0.10 | 0.11 | 0.11 | 0.11 |
| POWER FACTOR | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| BALLAST FACTOR | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 | 0.88 |
| BALLAST EFFICACY FACTOR | 3.25 | 3.25 | 3.03 | 3.25 | 3.03 | 2.93 | 2.93 |
| THD | 10% | 10% | 10% | 10% | 10% | 10% | 10% |
| CURRENT CREST FACTOR | 1.7 | | | | | | |
| EMI/RFI COMPLIANCE | FCC PART 18-A (NON-CONSUMER) | | | | | | |
| SOUND RATING | "A" | | | | | | |
| BALLAST TYPE | PROGRAM START | | | | | | |
| VOLTAGE TRANSIENTS | ANSI C82.11-2005 | | | | | | |
| INPUT/PROTECTION | INHERENT THERMAL PROTECTION | | | | | | |
| OUTPUT/PROTECTION | - | | | | | | |
| MIN. STATING TEMP. | -18°C (0°F) | | | | | | |
| MAX. CASE TEMP. | 90°C (194°F) | | | | | | |
| TYPE "HL" APPROVAL | APPROVED FOR HAZARDOUS LOCATION | | | | | | |
| APPROVALS/CLASS | UL/cUL LISTED, CLASS P, 1 OUTDOOR | | | | | | |
| REMOTE MOUNTING | 18 FT MAX. LEAD LENGTH, 18 AWG | | | | | | |

