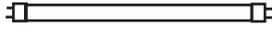


SPECIFICATION SHEET : RH13-UNV-228-LT5

This Is An Original Product From Fulham Co., Inc

Description : RACEHORSE Series, Universal Operating Voltage, Program Preheat Start Ballast, End Of Life Protection, Auto Restart, Cold Starting Feature.

This Ballast Will Operate Following Lamps.

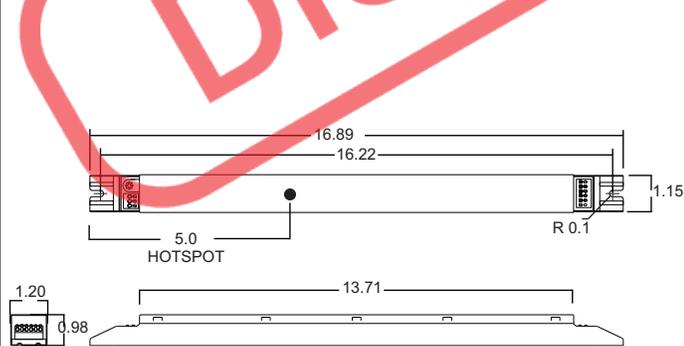


F14T5/HE, F21T5/HE, F28T5/HE

ELECTRICAL DATA (With 120 Volt Application)

| | | | | | | | |
|---------------------------------|--|----------|----------|----------|----------|----------|--|
| INPUT VOLT: 120V ± 10%, 50/60Hz | | | | | | | |
| LAMP WATTS/TYPE | F28T5/HE | F21T5/HE | F14T5/HE | F28T5/HE | F21T5/HE | F14T5/HE | |
| LAMPS OPERATED | 1 | | | 2 | | | |
| INPUT WATTS | 33 | 26 | 19 | 67 | 51 | 34 | |
| LINE CURRENT: | 0.28 | 0.22 | 0.16 | 0.56 | 0.42 | 0.28 | |
| POWER FACTOR | 0.98 Type | | | | | | |
| BALLAST FACTOR | 1.0 + | | | | | | |
| EFFICACY FACTOR | 3.15 | 4.08 | 5.89 | 1.57 | 2.04 | 3.06 | |
| THD | 12.0% | 12.0% | 15.0% | 10.0% | 10.0% | 12.0% | |
| CURRENT CREST FACTOR | < 1.7 | | | | | | |
| EMI/RFI COMPLIANCE | FCC PART 18-B | | | | | | |
| SOUND RATING | "A" | | | | | | |
| BALLAST TYPE | PROGRAMMED START | | | | | | |
| VOLTAGE TRANSIENTS | ANSI 62.41 | | | | | | |
| OUTPUT/PROTECTION | EOL | | | | | | |
| COMPLIANCE | RoHS | | | | | | |
| MIN. OPERATING TEMP | -18 °C (0 ° F) | | | | | | |
| MAX. CASE TEMP | 90 °C (194 ° F) SEE FOOT NOTE WARRANTY | | | | | | |
| APPROVALS/CLASS | UL /cUL LISTED, CLASS " P ", 1 OUTDOOR | | | | | | |
| REMOTE MOUNTING | 18 FT MAX. | | | | | | |

MECHANICAL DATA

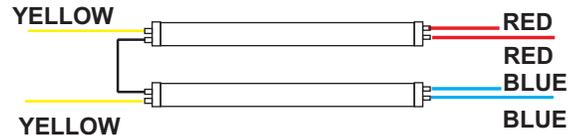


WIRING DIAGRAMS

Use Wire Rated 600V, 90°C min.
Use 18 AWG Solid Copper Wire Only Stripped To 3/8"



2 LAMPS APPLICATION



1 LAMPS APPLICATION



Use Wire Rated 300V, 90°C min. Use 18 AWG Solid Copper Wire Only Stripped 3/8"

NOTE : This Ballast Must Be Grounded

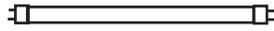
Fulham extends a limited warranty only to the original purchaser or to the first user for a period of 5 years from the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please reference the Fulham product catalog (www.fulham.com)
Due to a program of continuous improvement, Fulham reserves the right to make modifications or variations in design or construction to the equipment described. © Fulham Company Limited, All Rights Reserved.

SPECIFICATION SHEET : RH13-UNV-228-LT5

This Is An Original Product From Fulham Co., Inc

Description : RACEHORSE Series, Universal Operating Voltage, Program Preheat Start Ballast, End Of Life Protection, Auto Restart, Cold Starting Feature.

This Ballast Will Operate Following Lamps.

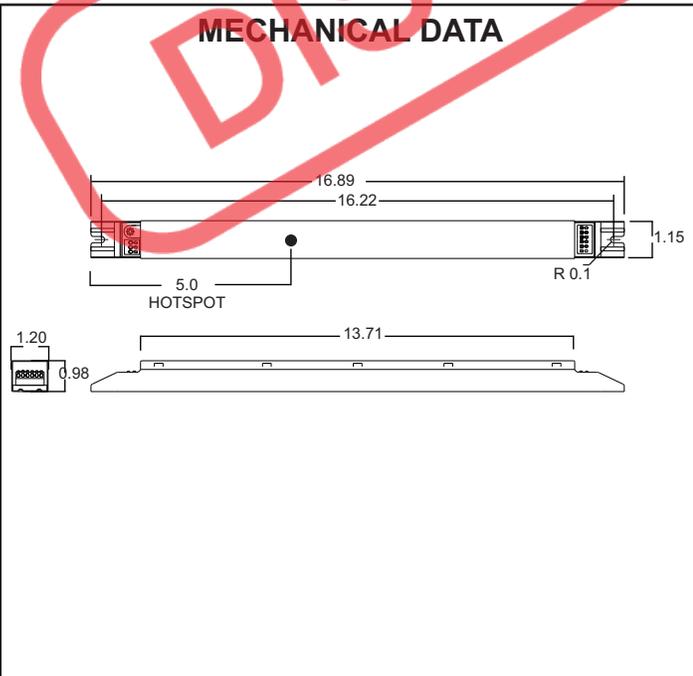


F14T5/HE, F21T5/HE, F28T5/HE

ELECTRICAL DATA (With 277 Volt Application)

| | | | | | | | |
|---------------------------------|--|----------|----------|----------|----------|----------|--|
| INPUT VOLT: 277V ± 10%, 50/60Hz | | | | | | | |
| LAMP WATTS/TYPE | F28T5/HE | F21T5/HE | F14T5/HE | F28T5/HE | F21T5/HE | F14T5/HE | |
| LAMPS OPERATED | 1 | | | 2 | | | |
| INPUT WATTS | 33 | 26 | 19 | 67 | 51 | 34 | |
| LINE CURRENT: | 0.13 | 0.10 | 0.08 | 0.24 | 0.19 | 0.13 | |
| POWER FACTOR | 0.98 Type | | | | | | |
| BALLAST FACTOR | 1.0 + | | | | | | |
| EFFICACY FACTOR | 3.15 | 4.08 | 5.89 | 1.57 | 2.04 | 3.06 | |
| THD | 12.0% | 12.0% | 15.0% | 10.0% | 10.0% | 12.0% | |
| CURRENT CREST FACTOR | < 1.7 | | | | | | |
| EMI/RFI COMPLIANCE | FCC PART 18-B | | | | | | |
| SOUND RATING | " A " | | | | | | |
| BALLAST TYPE | PROGRAMMED START | | | | | | |
| VOLTAGE TRANSIENTS | ANSI 62.41 | | | | | | |
| OUTPUT/PROTECTION | EOL | | | | | | |
| COMPLIANCE | RoHS | | | | | | |
| MIN. OPERATING TEMP | -18 °C (0 ° F) | | | | | | |
| MAX. CASE TEMP | 90 °C (194 ° F) SEE FOOT NOTE WARRANTY | | | | | | |
| APPROVALS/CLASS | UL /cUL LISTED, CLASS " P ", 1 OUTDOOR | | | | | | |
| REMOTE MOUNTING | 18 FT MAX. | | | | | | |

MECHANICAL DATA

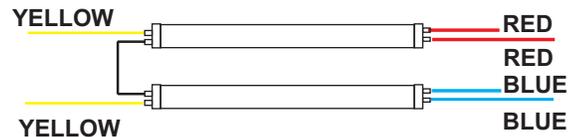


WIRING DIAGRAMS

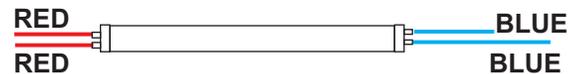
Use Wire Rated 600V, 90°C min.
Use 18 AWG Solid Copper Wire Only Stripped To 3/8"



2 LAMPS APPLICATION



1 LAMPS APPLICATION



Use Wire Rated 300V, 90°C min. Use 18 AWG Solid Copper Wire Only Stripped 3/8"

NOTE : This Ballast Must Be Grounded

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