

SPECIFICATION SHEET: WHSG1-UNV-T8-IS

This Is An Original Product From Fulham Co., Inc

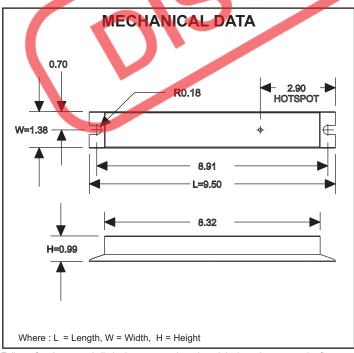
Description: WORKHORSE Specifier Grade Series Electronic Ballast, Drop In Replacement for Magnetic Ballast, Parallel Lamp Operation, THD Less Than 10%

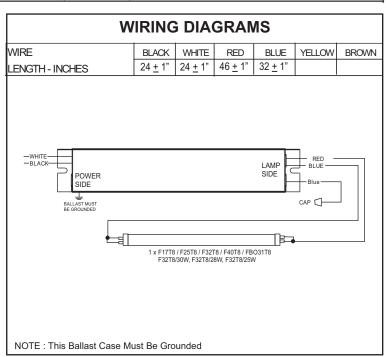
This Ballast Will Operate Following Lamps.

F17T8 / F25T8 / F32T8 / FBO31T8 / F40T8 F32T8/30W, F32T8/28W, F32T8/25W

ELECTRICAL DATA (With 120 Volt Application)

INPUT VOLT: 120V ± 10%,	50/60Hz									
LAMP WATTS/TYPE	F17T8	F25T8	F32T8	F40T8	FBO31T8	F32T8/30	F32T8/28	F32T8/25	1	
LAMPS OPERATED	1									
INPUT WATTS	18.92	24.48	31.38	38.42	30.22	28.66	26.27	24.55		
LINE CURRENT:	0.160	0.205	0.262	0.322	0.253	0.240	0.220	0.206		
POWER FACTOR	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99		
BALLAST FACTOR	0.96	0.90	0.93	0.91	0.89	0.88	0.86	0.90		
EFFICACY FACTOR	5.08	3.66	2.96	2.37	2.96	3.07	3.26	3.68		
THD	11.5%	9.2%	7.6%	7.5%	8.6%	8.3%	8.6%	9.0%		
CURRENT CREST FACTOR	< 1.7									
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	EOL									
MIN. OPERATING TEMP	-18 °C (0 °F)									
MAX. CASE TEMP	70 °C (158 ° F)									
ENERGY STAR 4.0										
APPROVALS/CLASS	UL/cUL LISTED, CLASS " P ", 1 OUTDOOR									





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. 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



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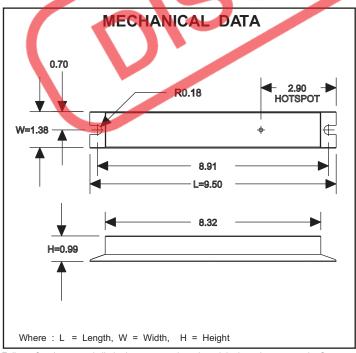
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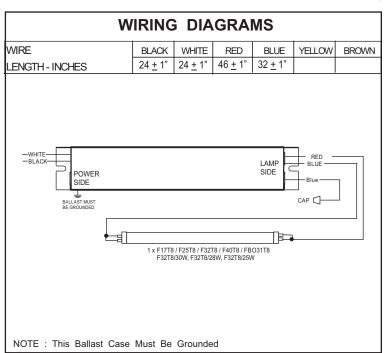
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ELECTRICAL DATA (With 230 Volt Application)

INPUT VOLT: 230V ± 10%, 50/60Hz									
LAMP WATTS/TYPE	F17T8	F25T8	F32T8	F40T8	FBO31T8	F32T8/30	F32T8/28	F32T8/25	-
LAMPS OPERATED	1								
INPUT WATTS	18.63	25.45	30.69	36.60	29.82	28.94	26.45	24.48	
LINE CURRENT:	0.083	0.112	0.135	0.161	0.131	0.127	0.117	0.108	
POWER FACTOR	0.98	0.99	0.99	0.99	0.99	0.99	0.99	0.98	
BALLAST FACTOR	0.96	0.96	0.93	0.89	0.90	0.91	0.89	0.95	
EFFICACY FACTOR	5.17	3.78	3.03	2.44	3.01	3.13	3.35	3.86	
THD	11.3%	9.1%	7.8%	7.0%	8.6%	8.7%	9.2%	9.6%	
CURRENT CREST FACTOR	< 1.7								
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	EOL								
MIN. OPERATING TEMP	- 18 °C (0 ° F)								
MAX. CASE TEMP	70 °C (158 ° F)								
ENERGY STAR 4.0	-								
APPROVALS/CLASS	UL /cUL LISTED, CLASS " P ", 1 OUTDOOR								





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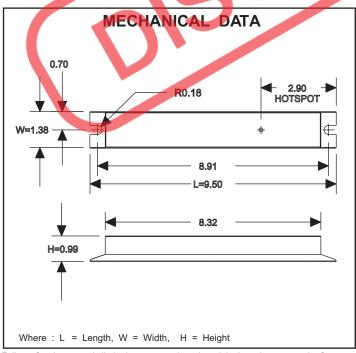
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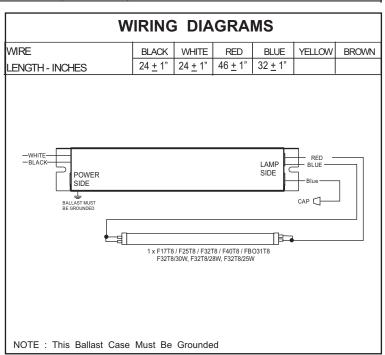
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F17T8 / F25T8 / F32T8 / FBO31T8 / F40T8 F32T8/30W, F32T8/28W, F32T8/25W

ELECTRICAL DATA (With 277 Volt Application)

50/60Hz									
F17T8	F25T8	F32T8	F40T8	FBO31T8	F32T8/30	F32T8/28	F32T8/25	-	
. 1									
19.23	24.50	31.05	37.70	29.88	28.42	26.14	24.57		
0.078	0.092	0.115	0.139	0.110	0.105	0.097	0.091		
0.94	0.97	0.97	0.98	0.98	0.98	0.98	0.98		
0.97	0.90	0.93	0.91	0.89	0.88	0.86	0.91		
5.04	3.66	2.99	2.42	2.99	3.09	3.28	3.69		
13.4%	10.1%	9.5%	7.0%	8.7%	9.2%	13.0%	10.4%		
₹1.7									
FCC PART 18-A									
"A"									
INSTANT START									
ANSI C82.11 - 1993									
FUSE									
EOL									
- 18 °C (0 ° F)									
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UL/cUL LISTED, CLASS " P ", 1 OUTDOOR									
	19.23 0.078 0.94 0.97 5.04	F17T8 F25T8 19.23 24.50 0.078 0.092 0.94 0.97 0.97 0.90 5.04 3.66	F17T8 F25T8 F32T8 19.23 24.50 31.05 0.078 0.092 0.115 0.94 0.97 0.97 0.97 0.90 0.93 5.04 3.66 2.99 13.4% 10.1% 9.5%	F17T8 F25T8 F32T8 F40T8 19.23 24.50 31.05 37.70 0.078 0.092 0.115 0.139 0.94 0.97 0.97 0.98 0.97 0.90 0.93 0.91 5.04 3.66 2.99 2.42 13.4% 10.1% 9.5% 7.0%	F17T8 F25T8 F32T8 F40T8 FBO31T8 19.23 24.50 31.05 37.70 29.88 0.078 0.092 0.115 0.139 0.110 0.94 0.97 0.97 0.98 0.98 0.97 0.90 0.93 0.91 0.89 5.04 3.66 2.99 2.42 2.99 13.4% 10.1% 9.5% 7.0% 8.7% INSTANT STA ANSI C82.11 - 7 FUSE EQL -18 °C (0°F 70 °C (158 °I	F17T8 F25T8 F32T8 F40T8 FBO31T8 F32T8/30 19.23 24.50 31.05 37.70 29.88 28.42 0.078 0.092 0.115 0.139 0.110 0.105 0.94 0.97 0.97 0.98 0.98 0.98 0.97 0.90 0.93 0.91 0.89 0.88 5.04 3.66 2.99 2.42 2.99 3.09 13.4% 10.1% 9.5% 7.0% 8.7% 9.2% < 1.7	F17T8	F17T8 F25T8 F32T8 F40T8 FBO31T8 F32T8/30 F32T8/28 F32T8/25 19.23 24.50 31.05 37.70 29.88 28.42 26.14 24.57 0.078 0.092 0.115 0.139 0.110 0.105 0.097 0.091 0.94 0.97 0.97 0.98 0.98 0.98 0.98 0.98 0.97 0.90 0.93 0.91 0.89 0.88 0.86 0.91 5.04 3.66 2.99 2.42 2.99 3.09 3.28 3.69 13.4% 10.1% 9.5% 7.0% 8.7% 9.2% 13.0% 10.4% ** FUSE ** EQL ** 18 °C (0 ° F) ** 70 °C (158 ° F)	





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