



SPECIFICATION SHEET : WHSG2-UNV-T8-LB

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.

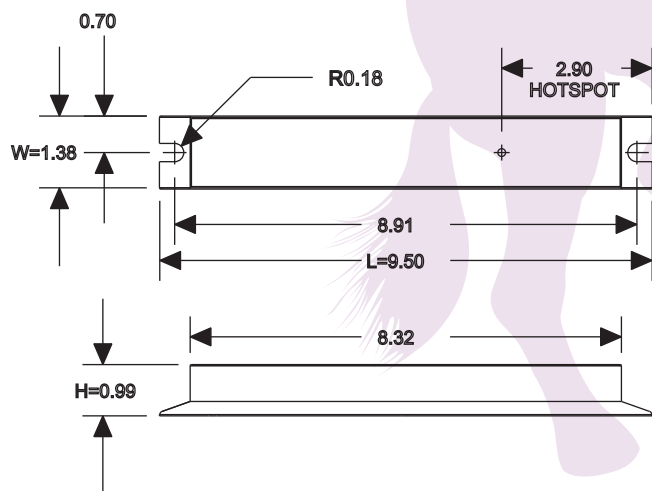


F17T8 / F25T8 / F32T8 / FBO31T8 / F40T8
F32T8/30W, F32T8/28W, F32T8/25W

ELECTRICAL DATA (With 120 Volt Application)

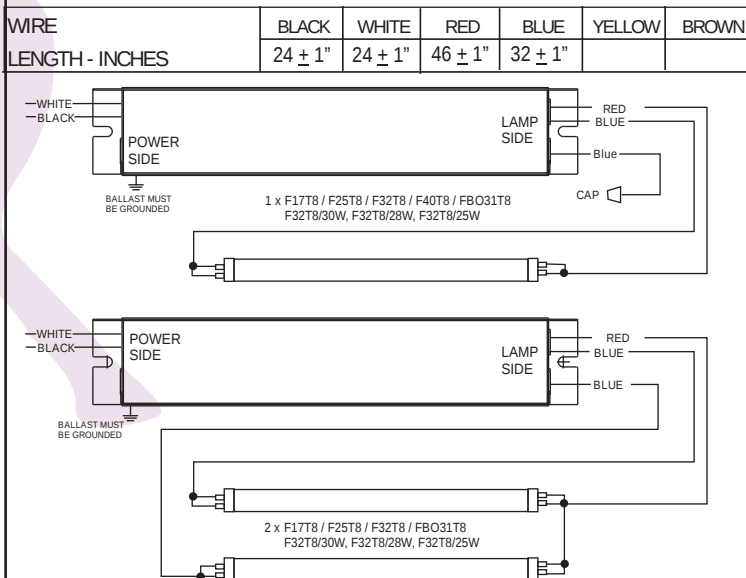
INPUT VOLT: 120V ± 10% 50/60-Hz															
LAMP WATTS/TYPE	F17T8	F25T8	F32T8	F40T8	FBO31T8	F32T8/30	F32T8/28	F32T8/25	F17T8	F25T8	F32T8	FBO31T8	F32T8/30	F32T8/28	F32T8/25
LAMPS OPERATED	1								2						
INPUT WATTS	19.03	24.72	31.93	39.68	30.60	29.54	26.35	25.56	28.94	39.56	51.64	50.12	49.07	43.39	41.03
LINE CURRENT:	0.160	0.208	0.268	0.333	0.256	0.248	0.221	0.214	0.243	0.331	0.432	0.419	0.410	0.363	0.343
POWER FACTOR	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
BALLAST FACTOR	0.95	0.90	0.89	0.91	0.91	0.90	0.85	0.94	0.82	0.78	0.78	0.79	0.79	0.75	0.82
EFFICACY FACTOR	5.00	3.64	2.78	2.30	2.96	3.04	3.22	3.69	2.84	1.98	1.52	1.57	1.62	1.73	2.01
THD	10.9%	10.1%	8.8%	8.0%	9.2%	8.7%	9.8%	10.0%	9.4%	7.6%	6.3%	6.6%	7.0%	7.0%	7.3%
CURRENT CREST FACTOR															
EMV/RFI COMPLIANCE	FCC PART 18-A (NON-CONSUMER)														
SOUND RATING	"A"														
BALLAST TYPE	INSTANT START														
VOLTAGE TRANSIENTS	ANSI C82.11 - 1993														
INPUT/PROTECTION	FUSE														
OUTPUT/PROTECTION	-														
MIN. STARTING TEMP	-18°C (0°F)														
MAX. CASE TEMP	70°C (158°F)														
TYPE "HL" APPROVAL	APPROVED FOR HAZARDOUS LOCATION														
ENERGY STAR 4.0	-														
APPROVALS/CLASS	UL/cUL LISTED, CLASS "P", 1 OUTDOOR														

MECHANICAL DATA



Where : L = Length, W = Width, H = Height

WIRING DIAGRAMS



NOTE : This Ballast Case 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.

Address : 12705 South Van Ness Ave., Hawthorne, CA 90250 Tel.: 1-323-599-5000, Fax.: 1-323-754-9060. Website: www.fulham.com

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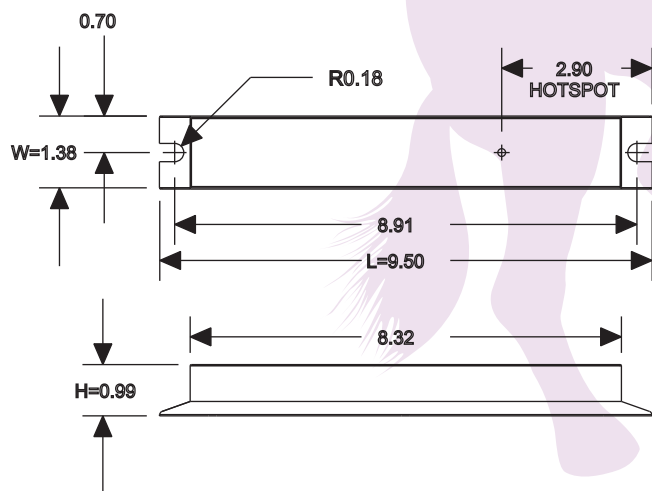


F17T8 / F25T8 / F32T8 / FBO31T8 / F40T8
F32T8/30W, F32T8/28W, F32T8/25W

ELECTRICAL DATA (With 230 Volt Application)

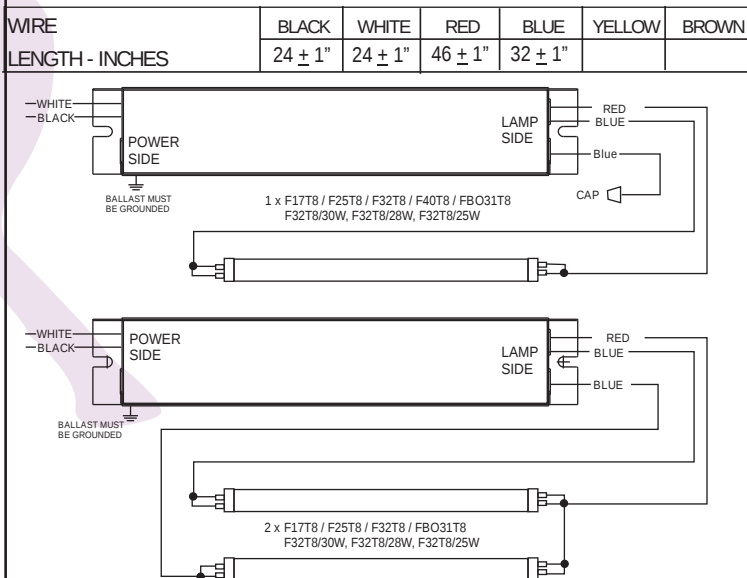
INPUT VOLT: 230V ± 10% 50/60Hz															
LAMP WATTSTYPE	F17T8	F25T8	F32T8	F40T8	FBO31T8	F32T8/30	F32T8/28	F32T8/25	F17T8	F25T8	F32T8	FBO31T8	F32T8/30	F32T8/28	F32T8/25
LAMPS OPERATED	1								2						
INPUT WATTS	18.69	25.51	30.74	36.54	29.80	29.03	26.67	24.12	29.03	41.13	49.68	48.03	46.93	42.76	40.05
LINE CURRENT	0.084	0.113	0.136	0.161	0.132	0.128	0.118	0.107	0.128	0.180	0.218	0.210	0.206	0.187	0.176
POWER FACTOR	0.96	0.98	0.98	0.99	0.98	0.98	0.98	0.98	0.98	0.99	0.99	0.99	0.99	0.99	0.99
BALLAST FACTOR	0.95	0.96	0.90	0.91	0.90	0.90	0.89	0.89	0.84	0.83	0.78	0.77	0.78	0.77	0.83
EFFICACY FACTOR	5.08	3.76	2.92	2.49	3.02	3.11	3.32	3.71	2.89	2.03	1.56	1.61	1.67	1.80	2.06
THD	11.4%	9.9%	7.7%	6.8%	7.9%	8.7%	9.1%	9.9%	7.8%	6.3%	5.5%	5.7%	5.7%	6.0%	6.3%
CURRENT CREST FACTOR															
EMI/RFI COMPLIANCE	FCC PART 18-A (NON-CONSUMER)														
SOUND RATING	"A"														
BALLAST TYPE	INSTANT START														
VOLTAGE TRANSIENTS	ANSI C82.11 - 1993														
INPUT/PROTECTION	FUSE														
OUTPUT/PROTECTION	-														
MIN. STARTING TEMP	-18°C (0°F)														
MAX. CASE TEMP	70°C (158°F)														
TYPE "HL" APPROVAL	APPROVED FOR HAZARDOUS LOCATION														
ENERGY STAR 4.0	-														
APPROVALS/CLASS	UL/cUL LISTED, CLASS "P", 1 OUTDOOR														

MECHANICAL DATA



Where : L = Length, W = Width, H = Height

WIRING DIAGRAMS



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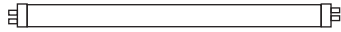


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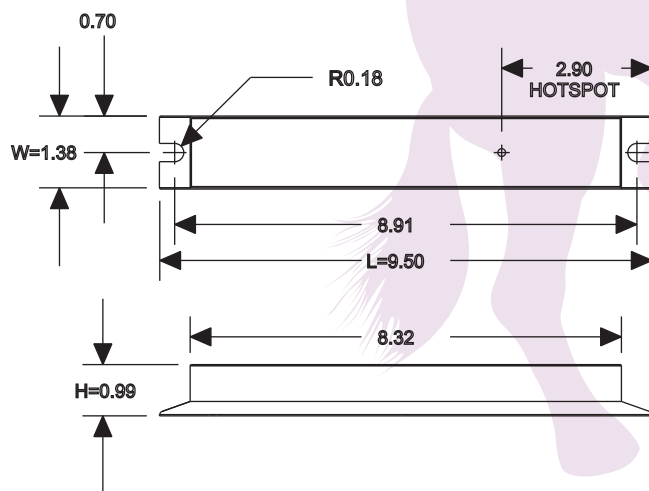


F17T8 / F25T8 / F32T8 / FBO31T8 / F40T8
F32T8/30W, F32T8/28W, F32T8/25W

ELECTRICAL DATA (With 277 Volt Application)

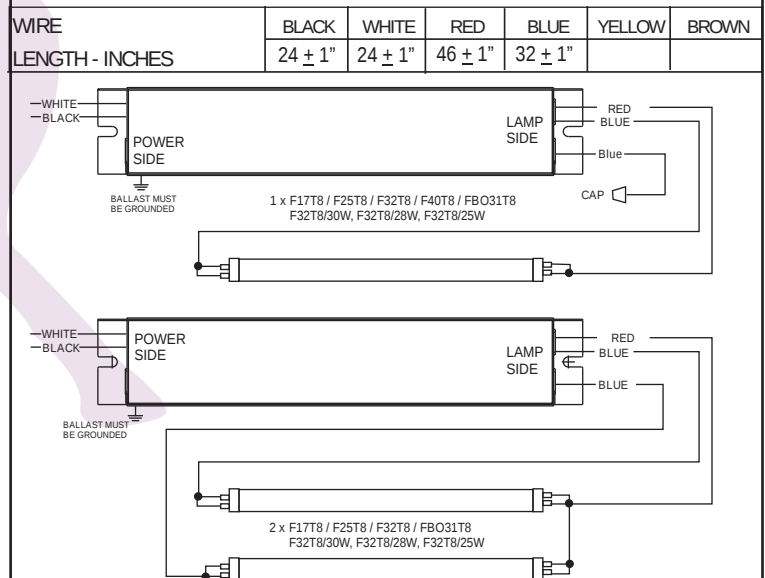
INPUT VOLT: 277V ± 10% 50/60Hz															
LAMP WATT TYPE	F17T8	F25T8	F32T8	F40T8	FBO31T8	F32T8/30	F32T8/28	F32T8/25	F17T8	F25T8	F32T8	FBO31T8	F32T8/30	F32T8/28	F32T8/25
LAMPS OPERATED	1								2						
INPUT WATTS	19.28	24.75	31.63	39.05	30.29	29.36	26.43	25.55	28.92	38.70	50.16	48.66	47.64	42.89	40.35
LINE CURRENT	0.075	0.094	0.117	0.144	0.112	0.110	0.099	0.096	0.107	0.142	0.183	0.177	0.174	0.157	0.148
POWER FACTOR	0.93	0.95	0.97	0.98	0.97	0.97	0.97	0.96	0.97	0.98	0.99	0.99	0.99	0.99	0.99
BALLAST FACTOR	0.96	0.90	0.89	0.71	0.90	0.90	0.85	0.94	0.83	0.78	0.78	0.78	0.79	0.76	0.83
EFFICACY FACTOR	4.96	3.64	2.80	1.83	2.99	3.07	3.23	3.69	2.86	2.02	1.56	1.61	1.66	1.77	2.05
THD	11.7%	11.4%	8.4%	6.9%	10.9%	11.0%	11.8%	12.1%	9.5%	6.3%	5.4%	5.2%	5.3%	5.3%	5.7%
CURRENT CREST FACTOR															
EMI/RFI COMPLIANCE	FCC PART 18-A (NON-CONSUMER)														
SOUND RATING	"A"														
BALLAST TYPE	INSTANT START														
VOLTAGE TRANSIENTS	ANSI C82.11 - 1993														
INPUT PROTECTION	FUSE														
OUTPUT PROTECTION	-														
MIN. STARTING TEMP	-18°C (0°F)														
MAX. CASE TEMP	70°C (158°F)														
TYPE "HL" APPROVAL	APPROVED FOR HAZARDOUS LOCATION														
ENERGY STAR 4.0	-														
APPROVALS/CLASS	UL/cUL LISTED, CLASS "P", 1 OUTDOOR														

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