

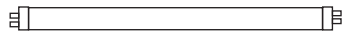


## SPECIFICATION SHEET : WHSG3-UNV-T8-IS

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.**

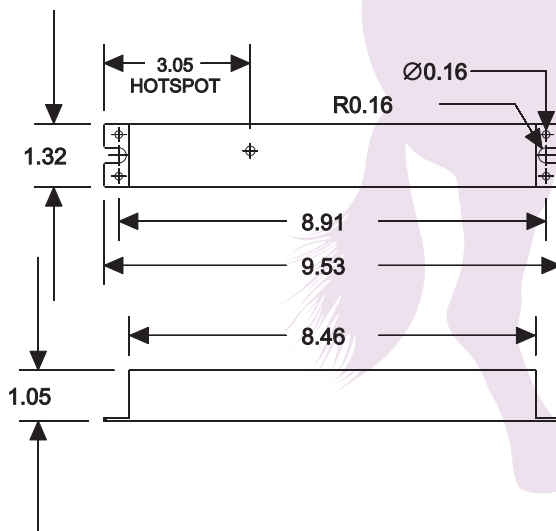


F17T8 / F25T8 / F32T8 / F40T8

### ELECTRICAL DATA (120V APPLICATION)

INPUT VOLT: 120V $\pm$ 10%, 50/60Hz									
LAMP WATTS/TYPE	F25T8	F32T8	F40T8	F17T8	F25T8	F32T8	-	-	-
LAMPS OPERATED	2			3					
INPUT WATTS	51	67	78	44	66	89			
LINE CURRENT:	0.42	0.56	0.66	0.37	0.55	0.74			
POWER FACTOR	0.99	0.99	0.99	0.99	0.99	0.99			
BALLAST FACTOR	1.00	1.03	0.97	0.85	0.90	0.93			
EFFICACY FACTOR	1.98	1.53	1.23	1.92	1.36	1.04			
THD	4%	4%	4%	5%	3%	3%			
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 $^{\circ}$ C ( 0 $^{\circ}$ F )								
MAX. CASE TEMP	70 $^{\circ}$ C ( 158 $^{\circ}$ F )								
TYPE "HL" APPROVAL	APPROVED FOR HAZARDOUS LOCATION								
ENERGY STAR 4.0	-								
APPROVALS/CLASS	UL /cUL LISTED, CLASS " P ", 1 OUTDOOR								

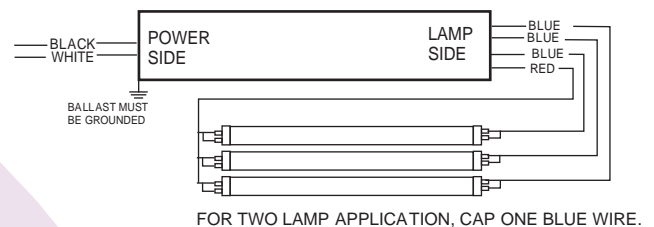
### MECHANICAL DATA



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

### WIRING DIAGRAMS

WIRE	BLACK	WHITE	RED	BLUE	YELLOW	BROWN
LENGTH - INCHES	25 $\pm$ 1"	25 $\pm$ 1"	46 $\pm$ 1"	31 $\pm$ 1"		



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 1-800-2-Fulham.

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.

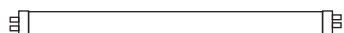
Address : 12705 South Van Ness Ave., Hawthorne, CA 90250 Tel.: 1-800-2-fulham, Fax.: 1-323-754-9060. Website: [www.fulham.com](http://www.fulham.com) 02-2006-152-1 rev

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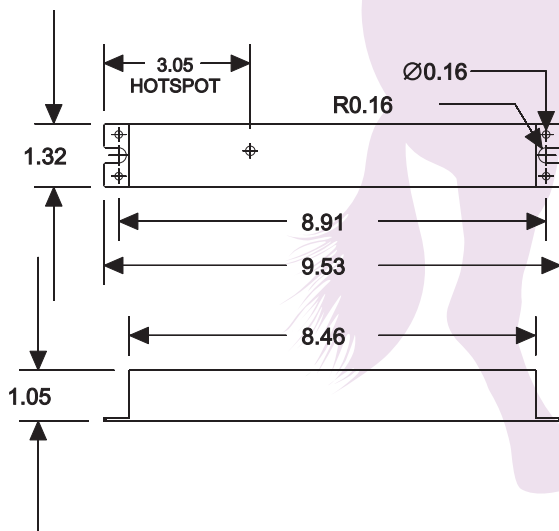


F17T8 / F25T8 / F32T8 / F40T8

### ELECTRICAL DATA (230V APPLICATION)

INPUT VOLT: 230V $\pm$ 10%, 50/60Hz									
LAMP WATTS/TYPE	F25T8	F32T8	F40T8	F17T8	F25T8	F32T8	-	-	-
LAMPS OPERATED	2			3					
INPUT WATTS	50	66	77	45	65	87			
LINE CURRENT:	0.22	0.29	0.34	0.20	0.29	0.38			
POWER FACTOR	0.97	0.98	0.98	0.98	0.99	0.99			
BALLAST FACTOR	0.99	1.02	0.97	0.85	0.89	0.93			
EFFICACY FACTOR	1.97	1.55	1.25	1.92	1.36	1.06			
THD	7%	8%	7%	7%	7%	7%			
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 $^{\circ}$ C ( 0 $^{\circ}$ F )								
MAX. CASE TEMP	70 $^{\circ}$ C ( 158 $^{\circ}$ F )								
TYPE "HL" APPROVAL	APPROVED FOR HAZARDOUS LOCATION								
ENERGY STAR 4.0	-								
APPROVALS/CLASS	UL /cUL LISTED, CLASS " P ", 1 OUTDOOR								

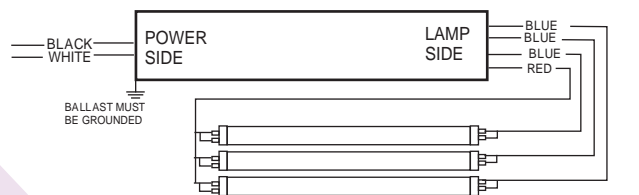
### MECHANICAL DATA



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

### WIRING DIAGRAMS

WIRE	BLACK	WHITE	RED	BLUE	YELLOW	BROWN
LENGTH - INCHES	25 $\pm$ 1"	25 $\pm$ 1"	46 $\pm$ 1"	31 $\pm$ 1"		



FOR TWO LAMP APPLICATION, CAP ONE BLUE WIRE.

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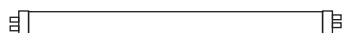


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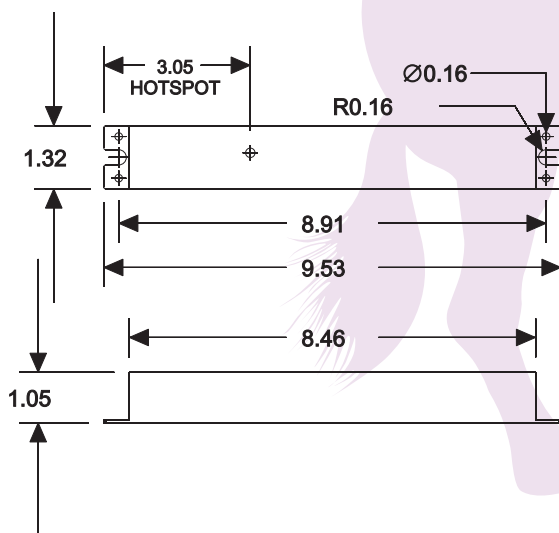


F17T8 / F25T8 / F32T8 / F40T8

### ELECTRICAL DATA (277V APPLICATION)

INPUT VOLT: 277V $\pm$ 10%, 50/60Hz									
LAMP WATTS/TYPE	F25T8	F32T8	F40T8	F17T8	F25T8	F32T8	-	-	-
LAMPS OPERATED	2			3					
INPUT WATTS	50	66	77	45	65	87			
LINE CURRENT:	0.19	0.24	0.28	0.17	0.24	0.32			
POWER FACTOR	0.96	0.97	0.98	0.96	0.98	0.98			
BALLAST FACTOR	0.99	1.02	0.97	0.86	0.89	0.93			
EFFICACY FACTOR	1.97	1.55	1.26	1.92	1.37	1.07			
THD	9%	9%	8%	9%	8%	8%			
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 $^{\circ}$ C ( 0 $^{\circ}$ F )								
MAX. CASE TEMP	70 $^{\circ}$ C ( 158 $^{\circ}$ F )								
TYPE "HL" APPROVAL	APPROVED FOR HAZARDOUS LOCATION								
ENERGY STAR 4.0	-								
APPROVALS/CLASS	UL /cUL LISTED, CLASS " P ", 1 OUTDOOR								

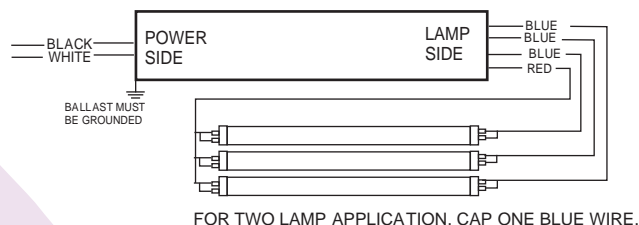
### MECHANICAL DATA



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

### WIRING DIAGRAMS

WIRE	BLACK	WHITE	RED	BLUE	YELLOW	BROWN
LENGTH - INCHES	25 $\pm$ 1"	25 $\pm$ 1"	46 $\pm$ 1"	31 $\pm$ 1"		



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