

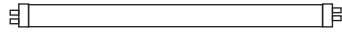


SPECIFICATION SHEET : WHS G4-UNV-T8-IS

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.

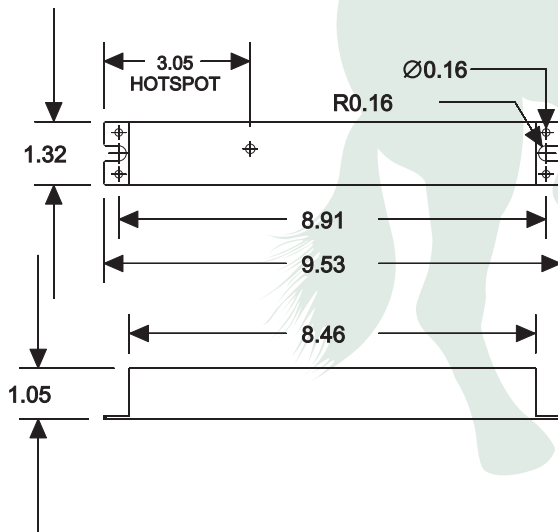


F17T8 / F25T8 / F32T8 / F40T8

ELECTRICAL DATA (120V APPLICATION)

INPUT VOLT: 120V ± 10% , 50/60Hz					
LAMP WATTS/TYPE	F32T8	F40T8	F17T8	F25T8	F32T8
LAMPS OPERATED	3			4	
INPUT WATTS	94	111	60	84	114
LINE CURRENT:	0.78	0.92	0.50	0.70	0.95
POWER FACTOR	0.99	0.99	0.99	0.99	0.99
BALLAST FACTOR	1.00	0.93	0.90	0.88	0.92
EFFICACY FACTOR	1.07	0.84	1.51	1.05	0.81
THD	4%	4%	5%	5%	5%
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	-				
MIN. OPERATING 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				
REMOTE MOUNTING	18 FT. MAX.				

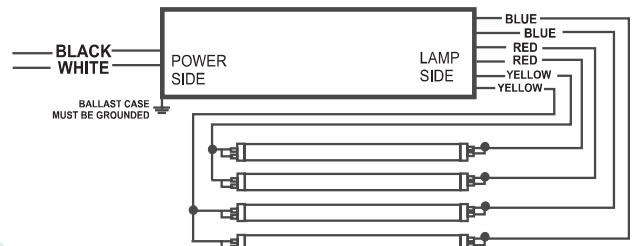
MECHANICAL DATA



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

WIRING DIAGRAMS

WIRE	BLACK	WHITE	RED	BLUE	YELLOW	BROWN
LENGTH - INCHES	25 ± 1"	25 ± 1"	46 ± 1"	31 ± 1"		



FOR THREE LAMP APPLICATION, CAP ONE BLUE WIRE INSULATE TO 600V.

NOTE : This Ballast Case Must Be Grounded

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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 02-2006-197-1 rev

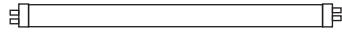


SPECIFICATION SHEET : WHSG4-UNV-T8-IS

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This Ballast Will Operate Following Lamps.

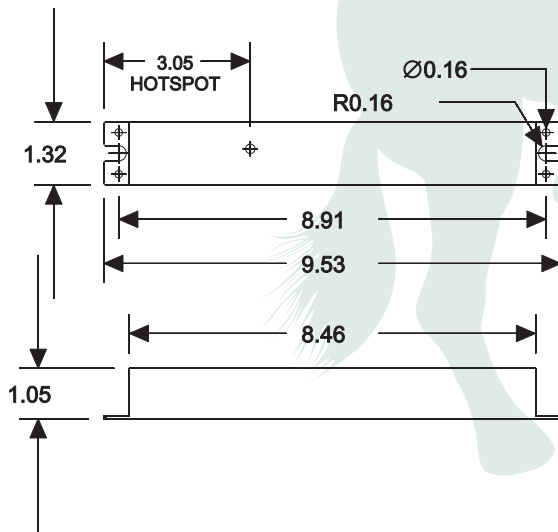


F17T8 / F25T8 / F32T8 / F40T8

ELECTRICAL DATA (230V APPLICATION)

INPUT VOLT: 230V ± 10% , 50/60Hz					
LAMP WATTS/TYPE	F32T8	F40T8	F17T8	F25T8	F32T8
LAMPS OPERATED	3			4	
INPUT WATTS	92	109	60	83	112
LINE CURRENT:	0.40	0.47	0.27	0.36	0.49
POWER FACTOR	0.99	0.99	0.98	0.98	0.99
BALLAST FACTOR	0.99	0.93	0.90	0.87	0.93
EFFICACY FACTOR	1.08	0.86	1.52	1.06	0.83
THD	7%	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	-				
MIN. OPERATING 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				
REMOTE MOUNTING	18 FT MAX.				

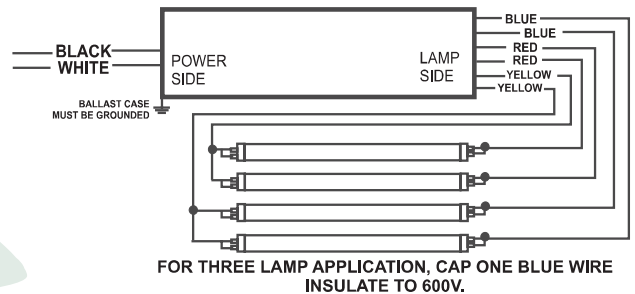
MECHANICAL DATA



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

WIRING DIAGRAMS

WIRE	BLACK	WHITE	RED	BLUE	YELLOW	BROWN
LENGTH - INCHES	25 ± 1"	25 ± 1"	46 ± 1"	31 ± 1"		



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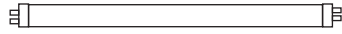


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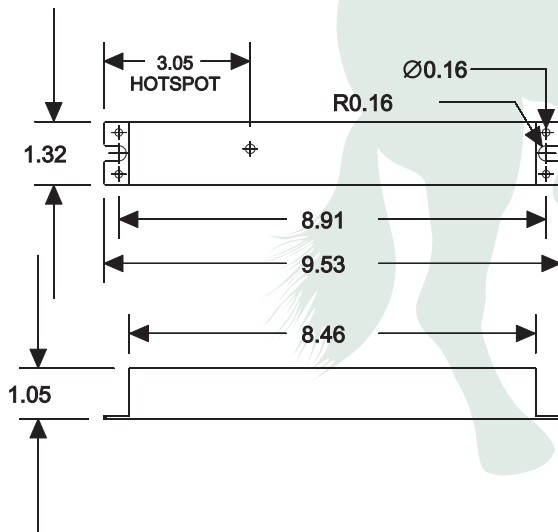


F17T8 / F25T8 / F32T8 / F40T8

ELECTRICAL DATA (277V APPLICATION)

INPUT VOLT: 277V ± 10% , 50/60Hz					
LAMP WATTS/TYPE	F32T8	F40T8	F17T8	F25T8	F32T8
LAMPS OPERATED	3			4	
INPUT WATTS	92	108	60	83	111
LINE CURRENT:	0.34	0.39	0.22	0.30	0.41
POWER FACTOR	0.98	0.99	0.96	0.98	0.98
BALLAST FACTOR	0.99	0.93	0.90	0.88	0.93
EFFICACY FACTOR	1.08	0.86	1.52	1.06	0.83
THD	8%	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	-				
MIN. OPERATING 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				
REMOTE MOUNTING	18 FT. MAX.				

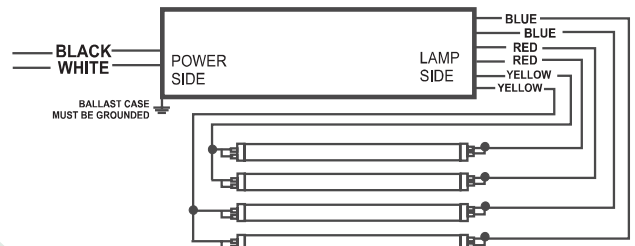
MECHANICAL DATA



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

WIRING DIAGRAMS

WIRE	BLACK	WHITE	RED	BLUE	YELLOW	BROWN
LENGTH - INCHES	25 ± 1"	25 ± 1"	46 ± 1"	31 ± 1"		



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