



## SPECIFICATION SHEET : WH3-277-C

This Is An Original Product From Fulham Co., Inc

**Description : WorkHorse Series Versatile, Solid State Electronic Ballast. Small Case Size, High Power Factor, Light Weight, Also Available In 120/230/277V 50/60 Hz.**

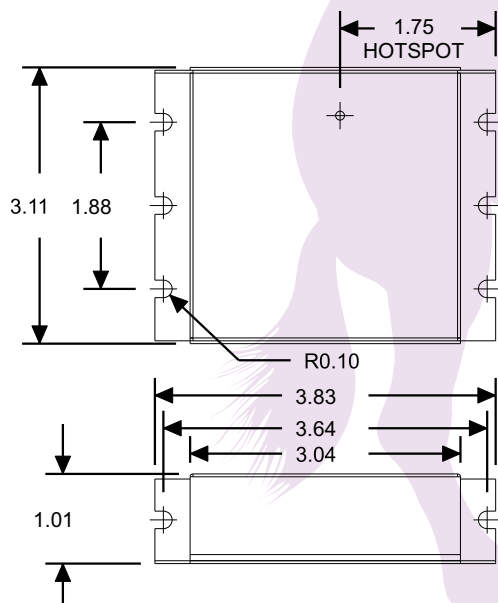
**This Ballast Will Operate Following Lamps.**

**REFER TO LAMP WATTS/TYPE**

### ELECTRICAL DATA (277V APPLICATIONS)

INPUT VOLT: 277V ± 10%, 50/60Hz								
LAMP WATTS/TYPE	54WT5HO	F32T8	F32T8	CFQ 26W	CR32W	CFQ 26W	CFQ18W	CFQ18W
LAMPS OPERATED	1	1	2	2	1	2	1	2
INPUT WATTS	57	38	62	47	28	47	25	41
LINE CURRENT:	0.22	0.16	0.24	0.19	0.13	0.19	0.11	0.16
POWER FACTOR	0.92	0.88	0.93	0.92	0.81	0.92	0.90	0.92
BALLAST FACTOR	0.92	1.17	1.00	0.87	0.87	0.87	1.17	1.05
EFFICACY FACTOR	1.63	3.04	1.61	1.84	3.09	1.84	4.75	2.59
THD	33%	33%	33%	34%	36%	36%	38%	37%
EMI/RFI COMPLIANCE	FCC PART 18-A (Non-Consumer)							
SOUND RATING	" A "							
BALLAST TYPE	INSTANT START							
VOLTAGE TRANSIENTS	ANSI 62.41							
INPUT/PROTECTION	FUSE							
MIN. OPERATING TEMP	-30 °C (-20 ° F )							
MAX. CASE TEMP	70 °C ( 158 ° F )							
ENERGY STAR 4.0	-							
APPROVALS/CLASS	UL /cUL LISTED, CLASS " P ", 1 OR 2 OUTDOOR							

#### MECHANICAL DATA



#### WIRING DIAGRAMS

WIRE	BLACK	WHITE	RED	BLUE	YELLOW	BROWN
LENGTH - INCHES	12 ± 1"	12 ± 1"	36 ± 1"	-	36 ± 1"	-

FOR WIRING DIAGRAM,  
PLEASE REFER TO FULHAM'S CATALOG

NOTE : This Ballast 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](http://www.fulham.com) 2006-46SP-1 rev B



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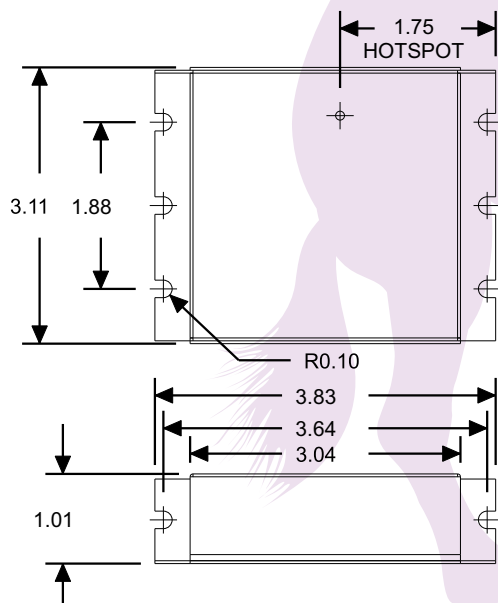
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**REFER TO LAMP WATTS/TYPE**

### ELECTRICAL DATA (277V APPLICATIONS)

INPUT VOLT: 277V ± 10%, 50/60Hz								
LAMP WATTS/TYPE	CFT13W	CFT13W	CFTR18W	CFTR26W	CFTR26W	CFTR32W	CFTR32W	CFTR42W
LAMPS OPERATED	1	2	2	1	2	1	2	1
INPUT WATTS	17	26	24	27	44	32	53	42
LINE CURRENT:	0.09	0.11	0.11	0.12	0.18	0.14	0.21	0.17
POWER FACTOR	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
BALLAST FACTOR	0.97	0.88	1.14	0.90	0.80	0.60	0.73	0.83
EFFICACY FACTOR	5.78	3.33	4.74	3.30	1.80	1.86	1.38	1.97
THD	39%	37%	38%	37%	34%	36%	32%	34%
EMI/RFI COMPLIANCE	FCC PART 18-A (Non-Consumer)							
SOUND RATING	" A "							
BALLAST TYPE	INSTANT START							
VOLTAGE TRANSIENTS	ANSI 62.41							
INPUT/PROTECTION	FUSE							
MIN. OPERATING TEMP	-30 °C (-20 °F)							
MAX. CASE TEMP	70 °C ( 158 °F)							
ENERGY STAR 4.0	-							
APPROVALS/CLASS	UL /cUL LISTED, CLASS " P ", 1 OR 2 OUTDOOR							

#### MECHANICAL DATA



#### WIRING DIAGRAMS

WIRE	BLACK	WHITE	RED	BLUE	YELLOW	BROWN
LENGTH - INCHES	12 ± 1"	12 ± 1"	36 ± 1"	-	36 ± 1"	-

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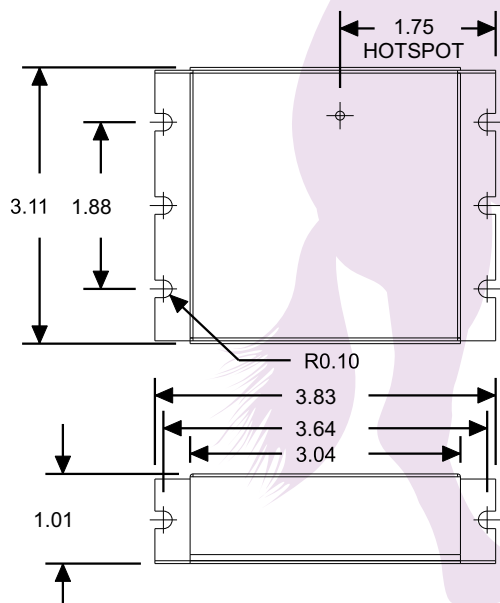
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**REFER TO LAMP WATTS/TYPE**

### ELECTRICAL DATA (277V APPLICATIONS)

INPUT VOLT: 277V ± 10%, 50/60Hz	
LAMP WATTSTYPE	CR40WT9
LAMPS OPERATED	1
INPUT WATTS	37
LINE CURRENT:	0.16
POWER FACTOR	0.90
BALLAST FACTOR	0.94
EFFICACY FACTOR	2.58
THD	35%
EMI/RFI COMPLIANCE	FCC PART 18-A (Non-Consumer)
SOUND RATING	" A "
BALLAST TYPE	INSTANT START
VOLTAGE TRANSIENTS	ANSI 62.41
INPUT/PROTECTION	FUSE
MIN. OPERATING TEMP	-30 °C (-20 °F)
MAX. CASE TEMP	70 °C ( 158 °F )
ENERGY STAR 4.0	-
APPROVALS/CLASS	UL /cUL LISTED, CLASS " P ", 1 OR 2 OUTDOOR

### MECHANICAL DATA



### WIRING DIAGRAMS

WIRE	BLACK	WHITE	RED	BLUE	YELLOW	BROWN
LENGTH - INCHES	12 ± 1"	12 ± 1"	36 ± 1"	-	36 ± 1"	-

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