

This Is An Original Product From Fulham Co., Inc

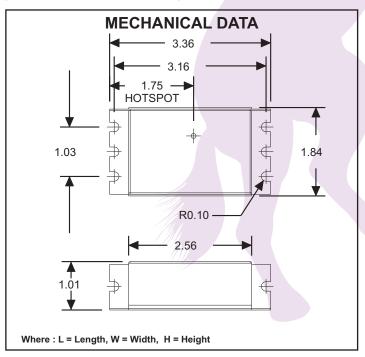
Description : WorkHorse Series Versatile, Solid State Electronic Ballast. Small Case Size, High Power Factor, Light Weight, Available In 120/230/277V 50/60 Hz.

This Ballast Will Operate Following Lamps.

REFER TO LAMP WATTS/TYPE

### **ELECTRICAL DATA**

INPUT VOLT: 120V ± 10%	,50/60Hz				
LAMP WATTS/TYPE	LAMPS OPERATED	INPUT WATTS	LINE CURRENT	BALLAST FACTOR	EFFICACY FACTOR
* F15T8	1	17	0.15	1.0	6.1
* F17T8	1 //	21	0.28	1.2	5.8
* F25T8	1 //	29	0.25	1.2	4.2
* FCR22WT9	1	19	0.17	0.8	4.5
* F32T8	1 //	38	0.33	1.2	3.2
	1//				
	1/2				
POWER FACTOR			> 0.9		
THD	//		< 38.7 %		
EMI/RFI COMPLIANCE			FCC PART 18	-A	
SOUND RATING			" A "		
BALLAST TYPE			INSTANTSTA	RT	
VOLTAGE TRANSIENTS			ANSI C82.11 - 1	1993	
INPUT/PROTECTION			FUSE		
MIN. OPERATING TEMP			- 30 °C ('- 20 °	F)	
MAX. CASE TEMP			70 °C (158 °	F)	
APPROVALS/CLASS		UL LISTED	), CLASS " P ", 1 (	OR 2 OUTDOOR	



WIRING DIAGRAMS							
WIRE	BLACK	WHITE	RED	BLUE	YELLOW	BROWN	
LENGTH - INCHES	12 <u>+</u> 1"	12 <u>+</u> 1"	36 <u>+</u> 1"	-	36 <u>+</u> 1"	-	

FOR WIRING DIAGRAM,
PLEASE REFER TO FULHAM'S CATALOG

NOTE : This Ballast Must Be Grounded

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of <u>5 years</u> from the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please reference the Fulham product catalog (www.fulham.com)

Due to a program of continuous improvement, Fulham reserves the right to make modifications or variations in design or construction to the equipment described.

2006-43SP-1 rev H



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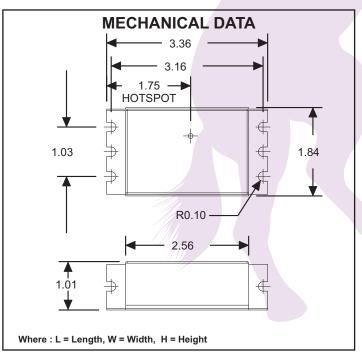
High Power Factor, Light Weight, Available In 120/230/277V 50/60 Hz.

This Ballast Will Operate Following Lamps.

### **REFER TO LAMP WATTS/TYPE**

### **ELECTRICAL DATA**

INPUT VOLT: 120V ± 10%,	50/60Hz							
LAMP WATTS/TYPE	LAMPS OPERATED	INPUT WATTS	LINE CURRENT	BALLAST FACTOR	EFFICACY FACTOR			
13CFQ/E	2	26	0.23	0.9	3.3			
13CFQ/E	1	16	0.15	1.0	6.4			
F35T5	1 //	32	0.28	8.0	2.5			
CFT9W	2	17	0.15	0.9	5.1			
CFT9W	1 ///	19	0.17	1.0	5.4			
CFT13W	1 //	15	0.14	1.0	6.7			
CFT18W	1 ///	17	0.15	0.9	5.4			
F13T5	2	27	0.24	0.9	3.3			
POWER FACTOR	1/2		> 0.9					
THD			< 38.7 %					
EMI/RFI COMPLIANCE			FCC PART 18-A					
SOUND RATING			" A "					
BALLAST TYPE			INSTANT START					
VOLTAGE TRANSIENTS			ANSI C82.11 - 1993	3				
INPUT/PROTECTION			FUSE					
MIN. OPERATING TEMP			- 30 °C ('- 20 °F)	_				
MAX. CASE TEMP		70 °C (158 °F)						
APPROVALS/CLASS		UL LISTEI	D, CLASS " P ", 1 OR 2	OUTDOOR				



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

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2006-43SP-2 rev H



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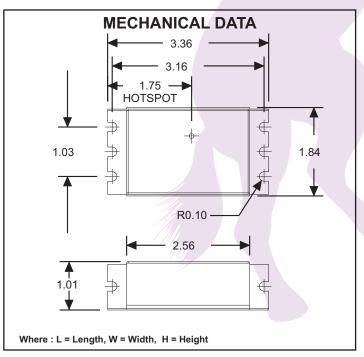
High Power Factor, Light Weight, Available In 120/230/277V 50/60 Hz.

This Ballast Will Operate Following Lamps.

**REFER TO LAMP WATTS/TYPE** 

### **ELECTRICAL DATA**

INPUT VOLT: 120V ± 10%,	50/60Hz				
LAMP WATTS/TYPE	LAMPS OPERATED	INPUT WATTS	LINE CURRENT	BALLAST FACTOR	EFFICACY FACTOR
CFQ18W	1	17	0.15	0.8	4.9
CFQ18W	2	25	0.22	0.6	2.5
CFQ26W	1 //	20	0.18	0.5	2.5
CFTR18W	1	18	0.16	1.0	5.3
CFTR26W	1 ///	26	0.23	0.9	3.5
CFTR32W	1 ///	31	0.27	0.8	2.7
F42T6	1 //	27	0.24	0.9	3.5
F21T5	2	37	0.33	0.8	2.1
POWER FACTOR			> 0.9		
THD	//		< 38.7 %		
EMI/RFI COMPLIANCE			FCC PART 18-A		
SOUND RATING			" A "		
BALLAST TYPE			INSTANT START		
VOLTAGE TRANSIENTS			ANSI C82.11 - 1993	3	
INPUT/PROTECTION			FUSE		
MIN. OPERATING TEMP			- 30 °C ('- 20 °F)		
MAX. CASE TEMP			70 °C (158 °F)		
APPROVALS/CLASS		UL LISTEI	D, CLASS " P ", 1 OR 2	OUTDOOR	



WIRING DIAGRAMS							
WIRE	BLACK	WHITE	RED	BLUE	YELLOW	BROWN	
LENGTH - INCHES	12 <u>+</u> 1"	12 <u>+</u> 1"	36 <u>+</u> 1"	-	36 <u>+</u> 1"	-	

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2006-43SP-3 rev H



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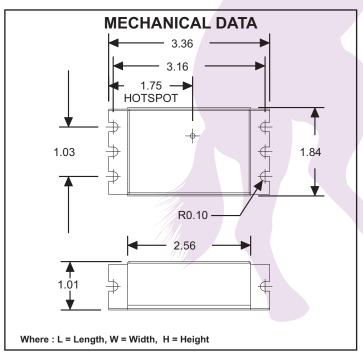
High Power Factor, Light Weight, Available In 120/230/277V 50/60 Hz.

This Ballast Will Operate Following Lamps.

**REFER TO LAMP WATTS/TYPE** 

### **ELECTRICAL DATA**

INPUT VOLT: 120V ± 10%,	50/60Hz							
LAMP WATTS/TYPE	LAMPS OPERATED	INPUT WATTS	LINE CURRENT	BALLAST FACTOR	EFFICACY FACTOR			
F14T5	1	17	0.15	1.1	6.3			
F8T5	1	11	0.10	1.1	10.5			
F13T5	1 //	17	0.15	1.0	5.8			
F21T5	1	23	0.20	1.0	4.1			
F28T5	1 //	30	0.26	0.9	3.1			
F14T5	2	25	0.22	0.8	3.1			
2D10W	2	22	0.19	1.0	4.4			
F14T5	2	27	0.24	0.9	3.2			
POWER FACTOR	1/2		> 0.9		-			
THD			< 38.7 %					
EMI/RFI COMPLIANCE			FCC PART 18-A					
SOUND RATING			" A "					
BALLAST TYPE			INSTANT START					
VOLTAGE TRANSIENTS		ANSI C82.11 - 1993						
INPUT/PROTECTION			FUSE					
MIN. OPERATING TEMP			- 30 °C ('- 20 °F)					
MAX. CASE TEMP		70 °C (158 °F)						
APPROVALS/CLASS		UL LISTED	), CLASS " P ", 1 OR 2	OUTDOOR				



WIRING DIAGRAMS							
WIRE	BLACK	WHITE	RED	BLUE	YELLOW	BROWN	
LENGTH - INCHES	12 <u>+</u> 1"	12 <u>+</u> 1"	36 <u>+</u> 1"	-	36 <u>+</u> 1"	-	

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2006-43SP-4 rev H