



## SPECIFICATION SHEET : WH3-120-L

This Is An Original Product From Fulham Co., Inc

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

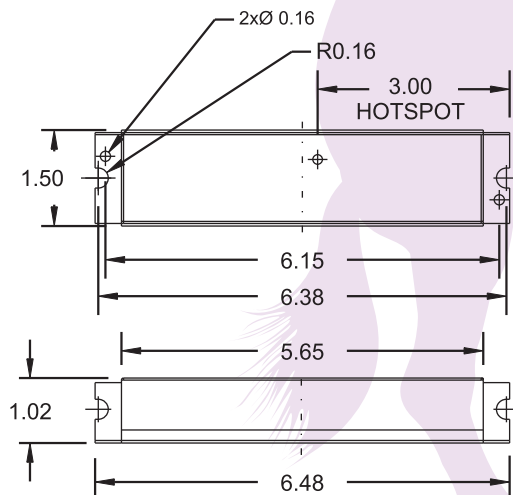
**This Ballast Will Operate Following Lamps.**

**REFER TO LAMP WATTS/TYPE**

### ELECTRICAL DATA

INPUT VOLT: 120V ± 10% , 50/60Hz							
LAMP WATTS/TYPE	T5CR40W	CR32W	22+32 CR	F24T5	F54T5	* F15T8	* F15T8
LAMPS OPERATED	1					2	3
INPUT WATTS	36	28	36	25	56	28	40
LINE CURRENT:	0.33	0.25	0.32	0.23	0.50	0.25	0.35
POWER FACTOR	0.93	0.93	0.93	0.92	0.94	0.92	0.93
BALLAST FACTOR	0.87	0.79	0.68	1.02	0.99	1.13	0.90
EFFICACY FACTOR	2.38	2.83	1.91	4.06	1.77	4.06	2.27
THD	38%	39%	37%	41%	34%	39%	36%
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 )						
APPROVALS/CLASS	UL LISTED, CLASS " P ", 1 OR 2 OUTDOOR						

### MECHANICAL DATA



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

### 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 extends a limited warranty only to the original purchaser or to the first user for a period of 5 years 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](http://www.fulham.com))  
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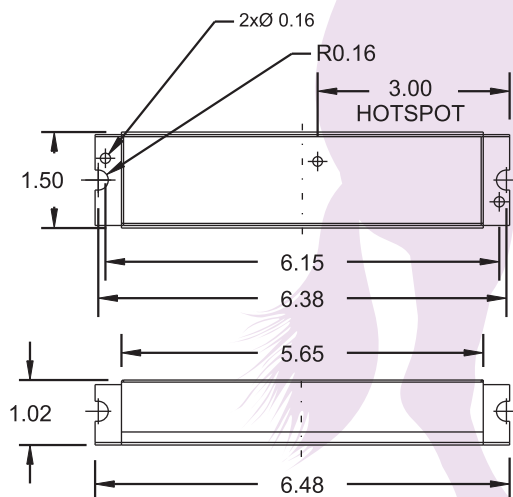
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INPUT VOLT: 120V ± 10%, 50/60Hz								
LAMP WATTS/TYPE	FT24W	FT36W	FT40W	T5CR55W	CFQ26W	* F32T8	* F60T8HO	CFQ26W
LAMPS OPERATED	1				2	1	1	2
INPUT WATTS	24	31	41	53	45	38	61	47
LINE CURRENT:	0.22	0.28	0.37	0.47	0.93	0.34	0.54	0.42
POWER FACTOR	0.91	0.92	0.93	0.93	0.93	0.93	0.94	0.94
BALLAST FACTOR	1.00	0.81	0.89	1.33	0.79	1.40	1.14	0.77
EFFICACY FACTOR	4.12	2.65	2.16	2.50	1.75	3.69	1.87	1.64
THD	41%	40%	37%	36%	30%	36%	34%	36%
EMI/RFI COMPLIANCE	FCC PART 18-A (Non-Consumer)							
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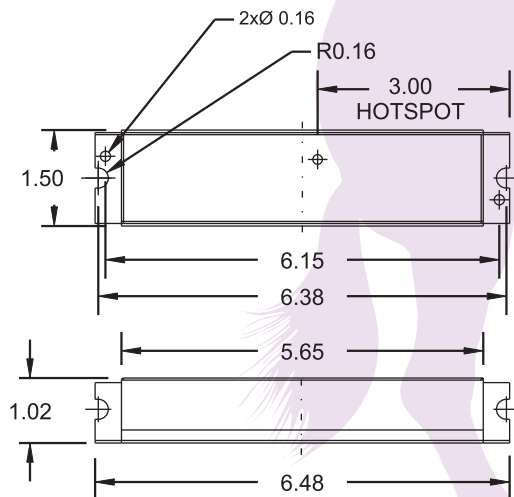
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REFER TO LAMP WATTS/TYPE

### ELECTRICAL DATA

INPUT VOLT: 120V ± 10%, 50/60Hz								
LAMP WATTS/TYPE	* F17T8	* F17T8	* F32T8	* F32T8	* CR40WT9	F24T5HO	F42T6	* F72T8HO
LAMPS OPERATED	2	1	1	2	1	2	2	1
INPUT WATTS	33	21	38	61	36	40	61	73
LINE CURRENT:	0.30	0.19	0.34	0.54	0.32	0.36	0.54	0.65
POWER FACTOR	0.93	0.92	0.93	0.94	0.93	0.94	0.94	0.94
BALLAST FACTOR	1.13	1.48	1.40	1.06	0.81	#VALUE!	0.97	1.05
EFFICACY FACTOR	3.43	7.05	3.69	1.74	2.25	#VALUE!	1.59	1.43
THD	37%	40%	36%	33%	37%	36%	33%	32%
EMI/RFI COMPLIANCE	FCC PART 18-A (Non-Consumer)							
SOUND RATING	" A "							
BALLAST TYPE	INSTANT START							
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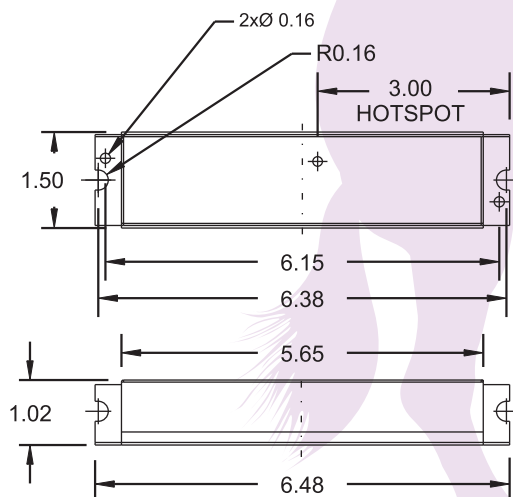
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**REFER TO LAMP WATTS/TYPE**

### ELECTRICAL DATA

INPUT VOLT: 120V ± 10%, 50/60Hz								
LAMP WATTS/TYPE	F39T5HO	* F20T12	F24T5HO	CFTR32W	2D38	F25T8	*CFT18W	F15T8
LAMPS OPERATED	1	2	2	1	1	1	2	1
INPUT WATTS	38	30	40	34	29	30	27	18
LINE CURRENT:	0.34	0.27	0.35	0.30	0.26	0.27	0.25	0.16
POWER FACTOR	0.93	0.93	0.93	0.93	0.93	0.93	0.92	0.91
BALLAST FACTOR	0.88	0.94	0.79	0.96	0.86	1.44	0.72	1.18
EFFICACY FACTOR	2.31	3.13	1.98	2.85	2.96	4.88	2.67	6.56
THD	37%	38%	37%	38%	41%	39%	40%	42%
EMI/RFI COMPLIANCE	FCC PART 18-A (Non-Consumer)							
SOUND RATING	" A "							
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