



## 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.**

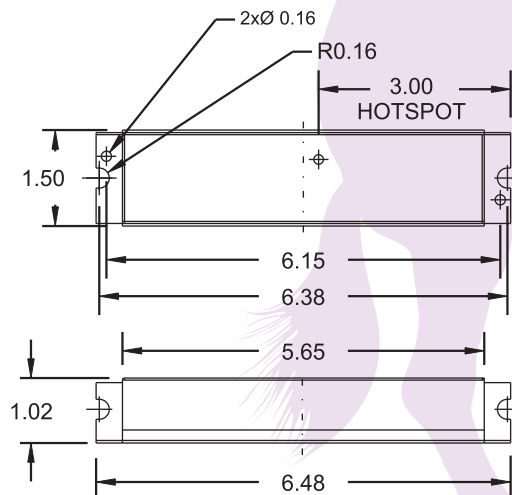
**REFER TO LAMP WATTS/TYPE**

### ELECTRICAL DATA

INPUT VOLT: 120V  $\pm$  10%, 50/60Hz

LAMP WATTS/TYPE	T5CR40W	CR32W	22+32 CR	F24T5	F54T5	CFTR42W	F15T8	F15T8
LAMPS OPERATED	1						2	3
INPUT WATTS	36	28	36	25	56	42	28	40
LINE CURRENT:	0.33	0.25	0.32	0.23	0.50	0.37	0.25	0.35
POWER FACTOR	0.93	0.93	0.93	0.92	0.94	0.93	0.92	0.93
BALLAST FACTOR	0.79	0.89	0.69	0.93	0.92	0.83	0.91	0.89
EFFICACY FACTOR	2.16	3.20	1.94	3.70	1.64	2.00	3.28	2.25
THD	38%	39%	37%	41%	34%	38%	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 $^{\circ}$ C (-20 $^{\circ}$ F)							
MAX. CASE TEMP	70 $^{\circ}$ C ( 158 $^{\circ}$ F)							
ENERGY STAR 4.0	-							
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 $\pm$ 1"	12 $\pm$ 1"	36 $\pm$ 1"	-	36 $\pm$ 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) 2006-20SP-1 rev N



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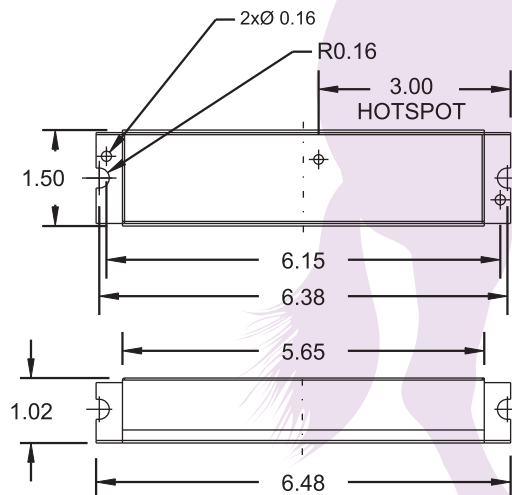
**This Ballast Will Operate Following Lamps.**

**REFER TO LAMP WATTS/TYPE**

### ELECTRICAL DATA

INPUT VOLT: 120V $\pm$ 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	0.91	0.81	0.90	0.86	0.85	1.18	1.10	0.87
EFFICACY FACTOR	3.75	2.65	2.18	1.62	1.88	3.10	1.80	1.85
THD	41%	40%	37%	36%	30%	36%	34%	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 $^{\circ}$ C (-20 $^{\circ}$ F )							
MAX. CASE TEMP	70 $^{\circ}$ C ( 158 $^{\circ}$ F )							
ENERGY STAR 4.0	-							
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 $\pm$ 1"	12 $\pm$ 1"	36 $\pm$ 1"	-	36 $\pm$ 1"	-

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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) 2006-20SP-2 rev N



## SPECIFICATION SHEET : **WH3-120-L**

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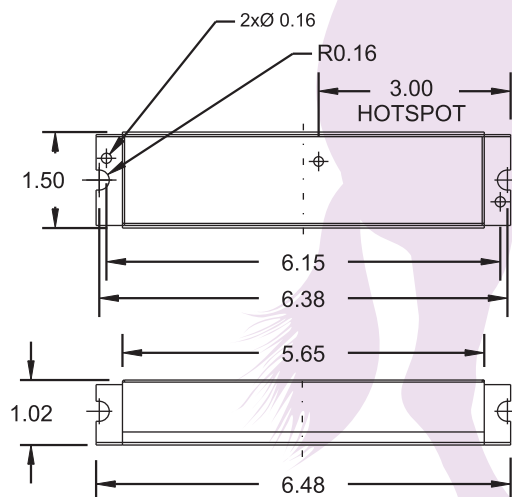
**This Ballast Will Operate Following Lamps.**

**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	1.02	1.22	1.18	0.96	0.94	0.80	0.92	1.05
EFFICACY FACTOR	3.08	5.81	3.10	1.58	2.60	2.00	1.51	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							
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 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"	-

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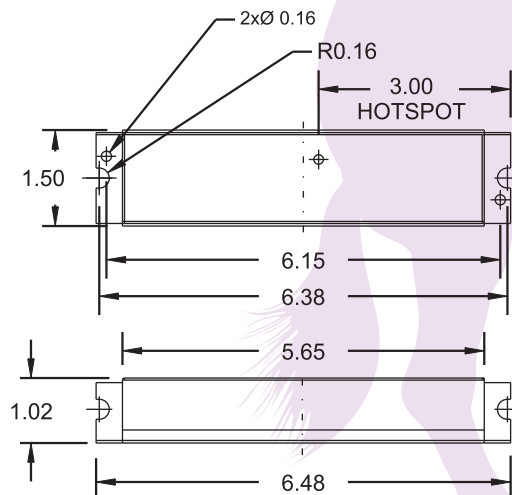
**REFER TO LAMP WATTS/TYPE**

### ELECTRICAL DATA

INPUT VOLT: 120V  $\pm$  10%, 50/60Hz

LAMP WATTS/TYPE	F39T5HO	F20T12	F15T8					
LAMPS OPERATED	1	2	1					
INPUT WATTS	38	30	18					
LINE CURRENT:	0.34	0.27	0.16					
POWER FACTOR	0.93	0.93	0.91					
BALLAST FACTOR	0.84	0.94	1.16					
EFFICACY FACTOR	2.20	3.14	6.27					
THD	37%	38%	42%					
EMI/RFI COMPLIANCE	FCC PART 18-A (Non-Consumer)							
SOUND RATING	" A "							
BALLAST TYPE	INSTANT START							
VOLTAGE TRANSIENTS	ANSI 62.41							
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MIN. OPERATING TEMP	-30 $^{\circ}$ C (-20 $^{\circ}$ F )							
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APPROVALS/CLASS	UL LISTED, CLASS " P ", 1 OR 2 OUTDOOR							

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### WIRING DIAGRAMS

WIRE	BLACK	WHITE	RED	BLUE	YELLOW	BROWN
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