

## SPECIFICATION SHEET : WH3-230-L / CWH-230-L

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.**

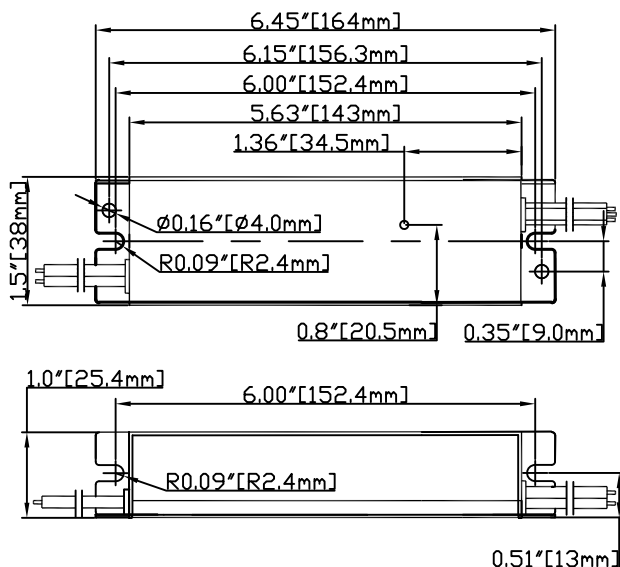
**This Ballast Will Operate Following Lamps.**

**REFER TO LAMP WATTS/TYPE**

### ELECTRICAL DATA ( 230V APPLICATION)

INPUT VOLT: 230V ± 10% , 50/60Hz					
LAMP WATTS/TYPE	LAMPS OPERATED	INPUT WATTS	LINE CURRENT	BALLAST FACTOR	EFFICACY FACTOR
* F32T8	1	38	0.18	1.38	3.67
* F32T8	2	60	0.28	1.06	1.77
* F13T8	1	12	0.07	1.01	8.23
* F13T8	2	18	0.09	0.78	4.37
F24T5HO	2	40	0.19	0.78	1.95
* F40T8	1	46	0.21	1.34	2.93
POWER FACTOR	> 0.9				
THD	< 38 %				
CURRENT CREST FACTOR	< 2.7				
EMI/RFI COMPLIANCE	FCC PART 18-A				
SOUND RATING	" A "				
BALLAST TYPE	INSTANT START				
VOLTAGE TRANSIENTS	ANSI C82.11 - 1993				
INPUT/PROTECTION	FUSE				
BALLAST. OPERATING TEMP	MINI. - 30 °C ( - 20 °F )				
MAX. CASE TEMP	70 °C ( 158 °F )				
APPROVALS/CLASS	UL LISTED, CLASS " P ", 1 OR 2 OUTDOOR (WH3-230-L)				
APPROVALS/CLASS	* UL /cUL LISTED, CLASS " P ", 1 OR 2 OUTDOOR (CWH3-230-L)				
* = Approved application for CWH models					

### MECHANICAL DATA



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

### WIRING DIAGRAMS

WIRE	BLACK	WHITE	RED	BLUE	YELLOW	BROWN
LENGTH - INCHES	18 ± 1"	18 ± 1"	36 ± 1"	-	36 ± 1"	-

FOR WIRING DIAGRAM,  
PLEASE REFER TO FULHAM'S CATALOG

NOTE : This Ballast Must Be Grounded

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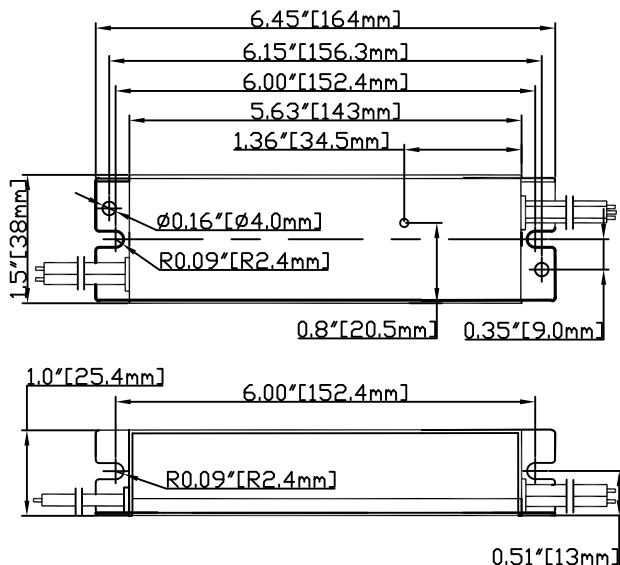
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**REFER TO LAMP WATTS/TYPE**

### ELECTRICAL DATA ( 230V APPLICATION)

INPUT VOLT: 230V ± 10% , 50/60Hz					
LAMP WATTS/TYPE	LAMPS OPERATED	INPUT WATTS	LINE CURRENT	BALLAST FACTOR	EFFICACY FACTOR
F39T5HO	1	36	0.17	0.86	2.36
F30T8(220V)	1	30	0.15	0.92	3.09
*F15T8	2	28	0.14	0.89	3.13
*F14T8	1	15	0.08	0.97	6.43
CFTR26W	1	27	0.31	1.02	3.81
CFQ26W	1	29	0.14	1.02	3.49
POWER FACTOR	> 0.9				
THD	< 38 %				
CURRENT CREST FACTOR	< 2.7				
EMI/RFI COMPLIANCE	FCC PART 18-A				
SOUND RATING	" A "				
BALLAST TYPE	INSTANT START				
VOLTAGE TRANSIENTS	ANSI C82.11 - 1993				
INPUT/PROTECTION	FUSE				
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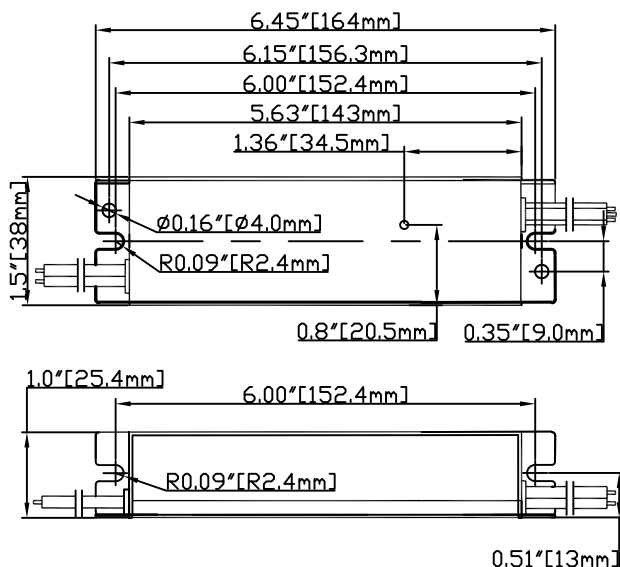
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F18T8	1	19	0.10	1.06	5.48
POWER FACTOR	> 0.9				
THD	< 38 %				
CURRENT CREST FACTOR	< 2.7				
EMI/RFI COMPLIANCE	FCC PART 18-A				
SOUND RATING	" A "				
BALLAST TYPE	INSTANT START				
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