

## SPECIFICATION SHEET : RH21-UNV-224-LT5

This Is An Original Product From Fulham Co., Inc

**Description :** RACEHORSE Series, Universal Operating Voltage, Program Preheat Start Ballast, End Of Life Protection, Auto Restart, Cold Starting Feature.

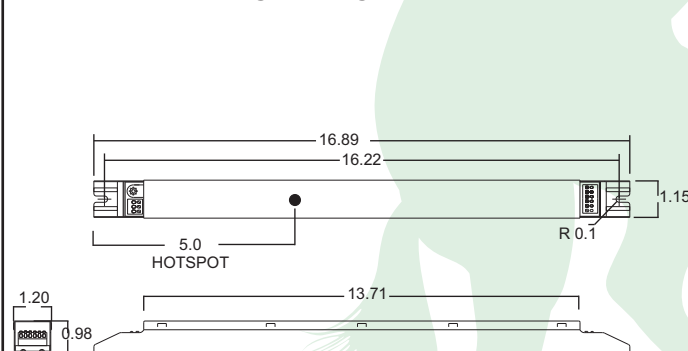
**This Ballast Will Operate Following Lamps.**



### ELECTRICAL DATA ( With 120 Volt Application)

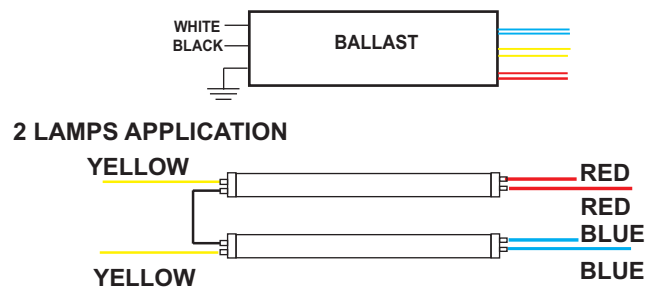
INPUT VOLT: 120V ± 10%, 50/60Hz										
LAMP WATTS/TYPE	F24T5HO	F39T5HO	FT24W	T5CR22W	T5CR40W	FT40W	FT36W	F24T5HO	FT24W	T5CR22W
LAMPS OPERATED	1							2		
INPUT WATTS	27	39	27	27	40	47	34	52	52	52
LINE CURRENT:	0.23	0.33	0.23	0.23	0.34	0.40	0.29	0.44	0.44	0.44
POWER FACTOR	0.98 Type									
BALLAST FACTOR	1.0 +									
EFFICACY FACTOR	3.78	2.30	3.78	3.78	2.10	2.13	2.65	1.92	1.92	1.92
THD	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
CURRENT CREST FACTOR	< 1.7									
EMI/RFI COMPLIANCE	FCC PART 18-A									
SOUND RATING	" A "									
BALLAST TYPE	PROGRAMMED START									
VOLTAGE TRANSIENTS	ANSI 62.41									
OUTPUT/PROTECTION	EOL									
COMPLIANCE	RoHS									
APPROVED	TYPE "HL"									
MIN. OPERATING TEMP	-18 °C ( 0 ° F )									
MAX. CASE TEMP	90 °C ( 194 ° F ) SEE FOOT NOTE WARRANTY									
APPROVALS/CLASS	UL /cUL LISTED, CLASS " P ", 1 OUTDOOR									
REMOTE MOUNTING	18 FT MAX.									

### MECHANICAL DATA



### WIRING DIAGRAMS

Use Wire Rated 600V, 90°C min.  
Use 18 AWG Solid Copper Wire Only Stripped To 3/8"



**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 **3 years @ 90°C & 5 years @ 70°C** 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) 2011-263-1 rev

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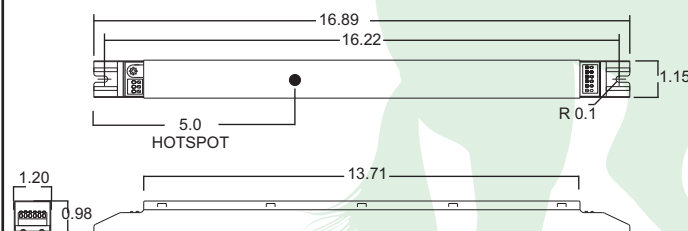
**This Ballast Will Operate Following Lamps.**



### ELECTRICAL DATA ( With 277 Volt Application)

INPUT VOLT: 277V $\pm$ 10%, 50/60Hz										
LAMP WATTS/TYPE	F24T5HO	F39T5HO	FT24W	T5CR22W	T5CR40W	FT40W	FT36W	F24T5HO	FT24W	T5CR22W
LAMPS OPERATED	1							2		
INPUT WATTS	27	38	27	27	40	47	34	52	52	52
LINE CURRENT:	0.10	0.14	0.10	0.10	0.15	0.17	0.13	0.44	0.44	0.44
POWER FACTOR	0.98 Type									
BALLAST FACTOR	1.0 +									
EFFICACY FACTOR	3.78	2.36	3.78	3.78	2.10	2.13	2.65	1.92	1.92	1.92
THD	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
CURRENT CREST FACTOR	< 1.7									
EMI/RFI COMPLIANCE	FCC PART 18-A									
SOUND RATING	" A "									
BALLAST TYPE	PROGRAMMED START									
VOLTAGE TRANSIENTS	ANSI 62.41									
OUTPUT/PROTECTION	EOL									
COMPLIANCE	RoHS									
APPROVED	TYPE "HL"									
MIN. OPERATING TEMP	-18 °C ( 0 ° F )									
MAX. CASE TEMP	90 °C ( 194 ° F ) SEE FOOT NOTE WARRANTY									
APPROVALS/CLASS	UL /cUL LISTED, CLASS " P ", 1 OUTDOOR									
REMOTE MOUNTING	18 FT MAX.									

### MECHANICAL DATA

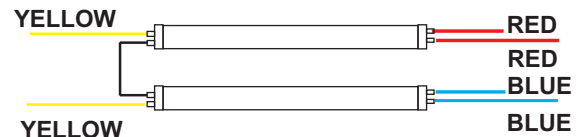


### WIRING DIAGRAMS

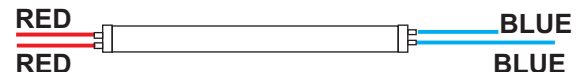
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Use 18 AWG Solid Copper Wire Only Stripped To 3/8"



#### 2 LAMPS APPLICATION



#### 1 LAMPS APPLICATION



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