

## 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.

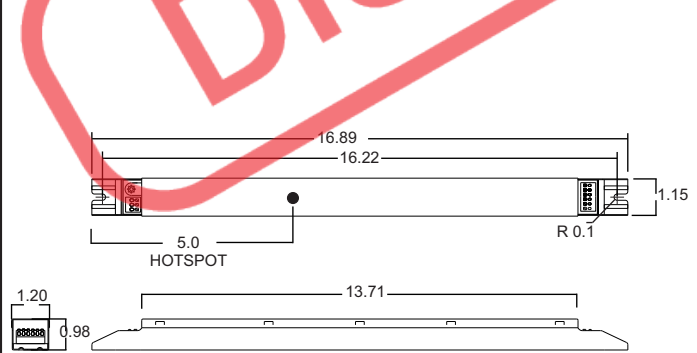
**This Ballast Will Operate Following Lamps.**



### 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

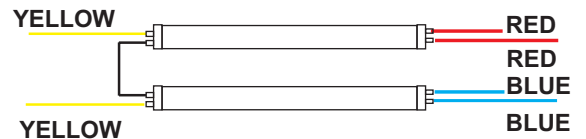


### WIRING DIAGRAMS

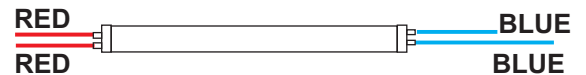
Use Wire Rated 600V, 90°C min.  
Use 18 AWG Solid Copper Wire Only Stripped To 3/8"



#### 2 LAMPS APPLICATION



#### 1 LAMPS APPLICATION



Use Wire Rated 300V, 90°C min. Use 18 AWG Solid Copper Wire Only Stripped 3/8"

**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))  
Due to a program of continuous improvement, Fulham reserves the right to make modifications or variations in design or construction to the equipment described. © Fulham Company Limited, All Rights Reserved.

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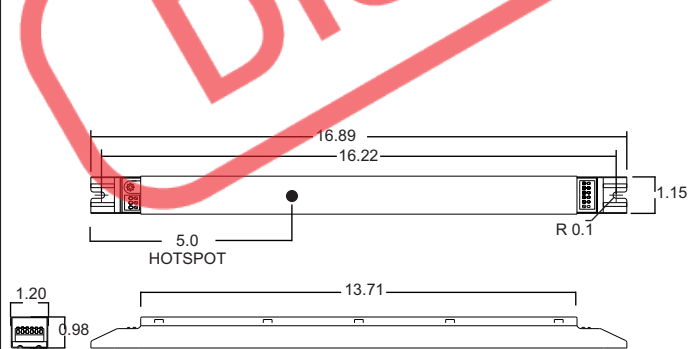
**This Ballast Will Operate Following Lamps.**



### ELECTRICAL DATA ( With 277 Volt Application)

INPUT VOLT: 277V ± 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.									

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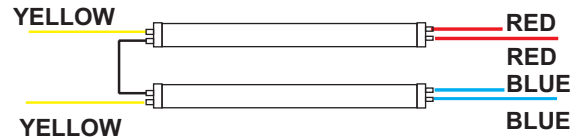


### WIRING DIAGRAMS

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



#### 2 LAMPS APPLICATION



#### 1 LAMPS APPLICATION



Use Wire Rated 300V, 90°C min. Use 18 AWG Solid Copper Wire Only Stripped 3/8"

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