

### SPECIFICATION SHEET : RHA-347-242-C

This Is An Original Product From Fulham Co., Inc

**Description :** RACEHORSE Series, Operating Voltage 347V, Programmed Start Ballast, End Of Life Protection, Auto Restart, Cold Starting Feature.

**This Ballast Will Operate Following Lamps.**



TWIN(CFT), 4 PIN  
24-27/36/40W/36TUV



QUAD (CFQ), 4 PIN  
26W



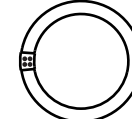
TRIPLE(CFTR)  
26W/32W/42W



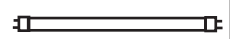
2D28/38W



CFM57/70W



T5CR22/T5CR40W

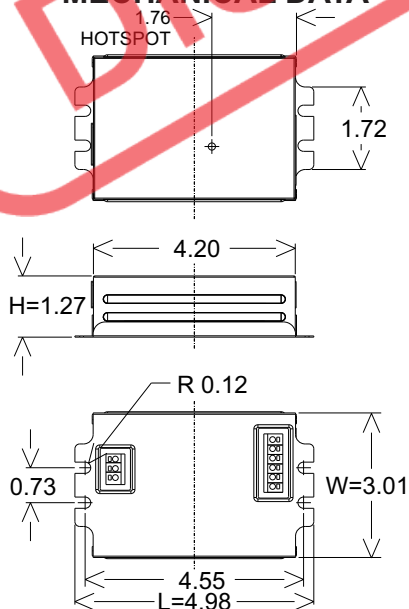


GPH793T5L

### ELECTRICAL DATA ( With 347 Volt Application-1 LAMP )

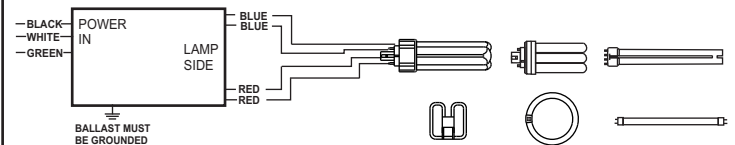
LAMP WATTS/TYPE	CFTR42W	FT24/27W	FT36/39W	FT40W	2D28W	2D38W	T5CR40W	TUV36W	GPH793T5L
LAMPS OPERATED	1								
INPUT WATTS	48	27	35	46	33	36	43	35	31
LINE CURRENT:	0.14	0.08	0.10	0.14	0.10	0.11	0.13	0.11	0.09
POWER FACTOR	0.98	0.93	0.96	0.98	0.95	0.96	0.97	0.96	0.94
BALLAST FACTOR	1.00	1.08	0.89	0.99	1.28	0.91	1.00	0.73	0.76
EFFICACY FACTOR	2.08	3.96	2.58	2.16	3.94	2.55	2.33	2.08	2.46
THD	< 10%								
CURRENT CREST FACTOR	< 1.7								
EMI/RFI COMPLIANCE	FCC PART 18-A (NON-CONSUMER)								
SOUND RATING	"A"								
BALLAST TYPE	PROGRAMMED START								
VOLTAGE TRANSIENTS	MOV (ANSI C82.11)								
INPUT/PROTECTION	FUSE								
OUTPUT/PROTECTION	OPEN LAMP, SHORTED LAMP, END-OF-LIFE								
MIN. OPERATING TEMP	-30°C (-22°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

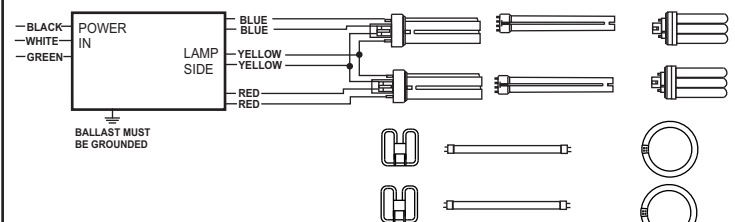


### WIRING DIAGRAMS

1 X CFM57/70W, CFT24-27/36/40W, 36TUV, CFTR42W, 2D28/38W, T5CR40W, GPH793T5L



2 X CFTE24-27/36/40W, 36TUV, CFQE26W, CFTRE26/32/42W, 2D28/38W, T5CR22/40W, GPH793T5L



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

NOTE : This Ballast Must Be Grounded

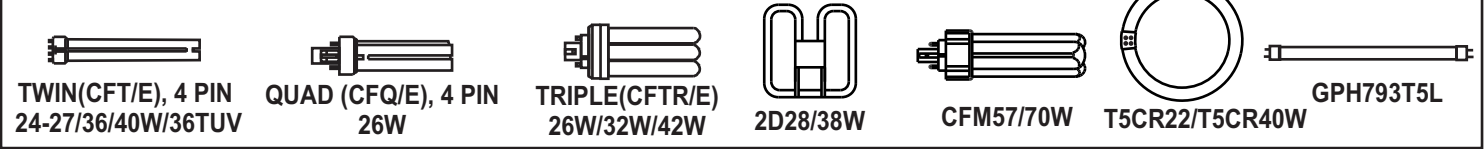
Fulham extends a limited warranty only to the original purchaser or to the first user for a period of 5 years @ 75°C or 3 years @ 90°C from the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please reference the Fulham product 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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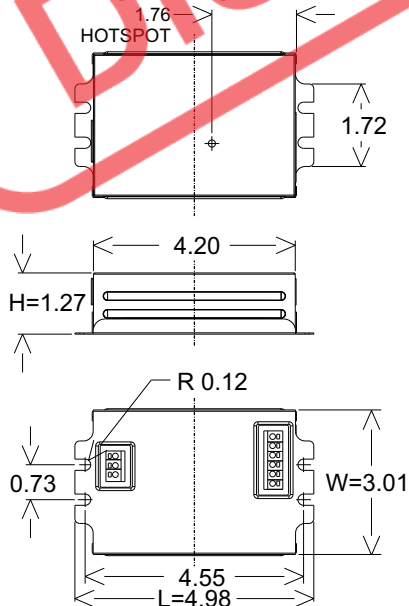
**This Ballast Will Operate Following Lamps.**



### ELECTRICAL DATA ( With 347 Volt Application-2 LAMPS )

INPUT VOLT: 347V ± 10% , 50/60HZ										
LAMP WATTS/TYPE	CFM57W	CFM70W	CFQ26W	CFTR26W	CFTR32W	CFTR42W	FT24/27W	FT36/39W	FT40W	
LAMPS OPERATED	1					2				
INPUT WATTS	59	71	57	57	64	92	49	63	89	
LINE CURRENT:	0.17	0.21	0.17	0.17	0.19	0.27	0.14	0.18	0.26	
POWER FACTOR	0.98	0.99	0.98	0.98	0.99	0.99	0.98	0.99	0.99	
BALLAST FACTOR	0.99	0.98	1.01	1.03	0.94	0.92	1.04	0.84	0.92	
EFFICACY FACTOR	1.67	1.37	1.78	1.81	1.46	1.01	2.11	1.33	1.03	
THD	< 10%									
CURRENT CREST FACTOR	< 1.7									
EMI/RFI COMPLIANCE	FCC PART 18-A (NON-CONSUMER)									
SOUND RATING	"A"									
BALLAST TYPE	PROGRAMMED START									
VOLTAGE TRANSIENTS	MOV (ANSI C82.11)									
INPUT/PROTECTION	FUSE									
OUTPUT/PROTECTION	OPEN LAMP, SHORTED LAMP, END-OF-LIFE									
MIN. OPERATING TEMP	-30°C (-22°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.									

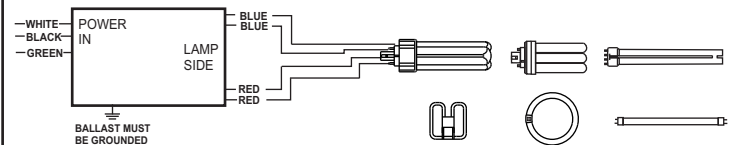
### MECHANICAL DATA



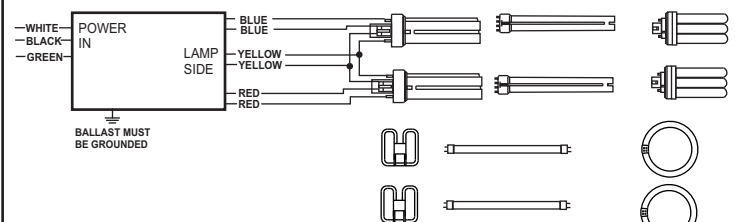
Where : L = Length, W = Width, H = Height

### WIRING DIAGRAMS

1 X CFM57/70W, CFT24-27/36/40W, 36TUV, CFTR42W, 2D28/38W, T5CR40W, GPH793T5L



2 X CFT24-27/36/40W, 36TUV, CFQ26W, CFTR26/32/42W, 2D28/38W, T5CR22/40W, GPH793T5L



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

**NOTE : This Ballast Must Be Grounded**

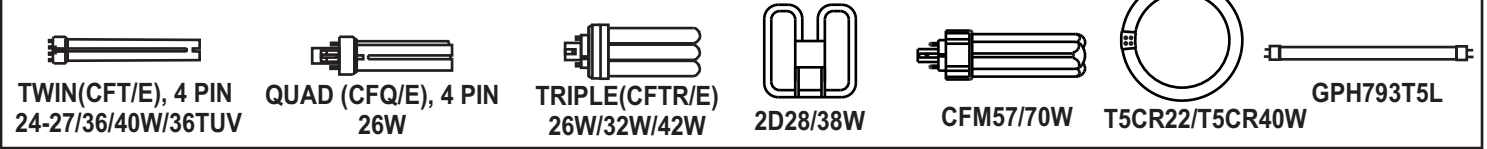
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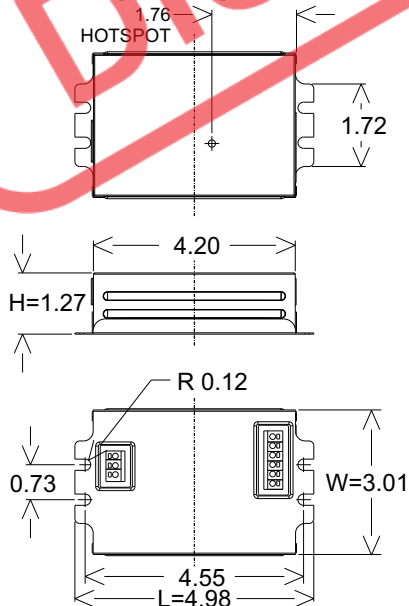
**This Ballast Will Operate Following Lamps.**



### ELECTRICAL DATA ( With 347 Volt Application-2 LAMPS )

INPUT VOLT: 347V ± 10%, 50/60Hz							
LAMP WATTS/TYPE	2D28W	2D38W	T5CR22W	T5CR40W	TUV 36W	GPH793T5L	
LAMPS OPERATED	2						
INPUT WATTS	64	68	52	82	67	58	
LINE CURRENT:	0.19	0.20	0.15	0.24	0.20	0.17	
POWER FACTOR	0.99	0.99	0.98	0.99	0.99	0.98	
BALLAST FACTOR	1.20	0.85	1.04	0.93	0.68	0.71	
EFFICACY FACTOR	1.87	1.26	2.01	1.13	1.01	1.23	
THD	< 10%						
CURRENT CREST FACTOR	< 1.7						
EMI/RFI COMPLIANCE	FCC PART 18-A (NON-CONSUMER)						
SOUND RATING	"A"						
BALLAST TYPE	PROGRAMMED START						
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REMOTE MOUNTING	18 FT MAX.						

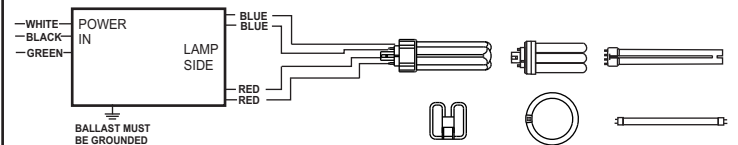
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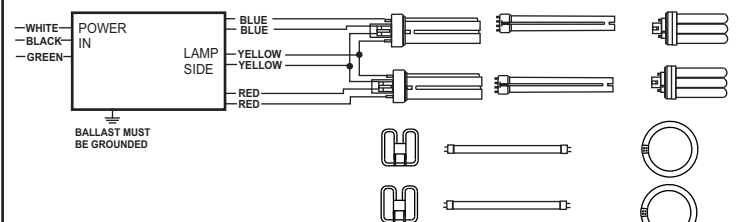
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