FULHAM RACEHORSE

Discontinued

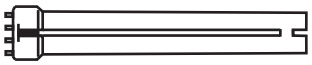
Contact Fulham for availability. Not for use in new designs.

SPECIFICATION SHEET : RHA-UNV-213-C

This Is An Original Product From Fulham Co., Inc

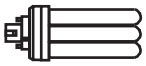
Description : RACEHORSE Series, Universal Operating Voltage, Programmed Start Ballast, End Of Life Protection, Auto Restart, Cold Starting Feature.

This Ballast Will Operate Following Lamps.



TWIN(FT), 4 PIN
7W, 9W

QUAD (CFQ), 4 PIN
13W



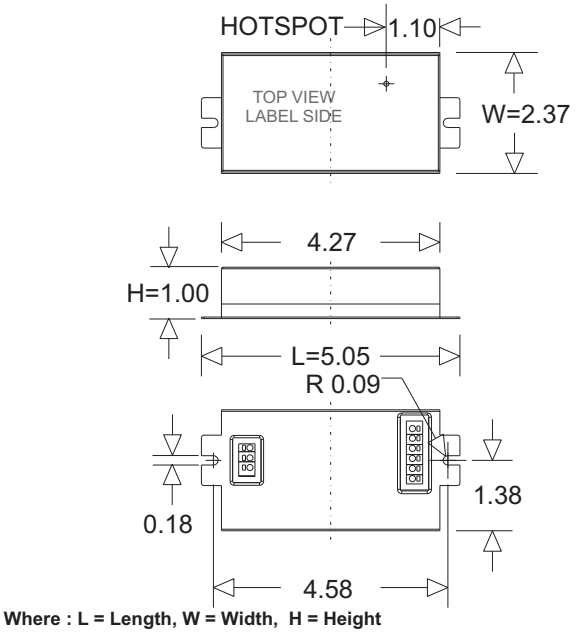
TRIPLE(CFTR)
13W

2D10/16W

ELECTRICAL DATA (With 120 Volt Application)

INPUT VOLT: 120V ± 10%, 50/60Hz									
LAMP WATTS/TYPE	CFQ13	CFTR13	2D16	CFQ13	CFTR13	2D10	CFT7	CFT9	
LAMPS OPERATED	1			2					
INPUT WATTS	17	17	19	31	31	27	17	21	
LINE CURRENT:	0.14	0.14	0.16	0.26	0.26	0.23	0.14	0.18	
POWER FACTOR	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	
BALLAST FACTOR	1.13	1.12	1.01	1.04	1.04	1.03	1.01	1.03	
EFFICACY FACTOR	6.64	6.53	5.42	3.40	3.36	3.86	5.99	4.91	
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.								

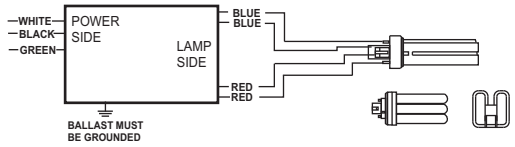
MECHANICAL DATA



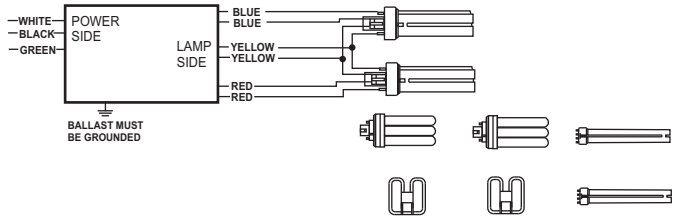
Where : L = Length, W = Width, H = Height

WIRING DIAGRAMS

1 X CFQ13W, CFTR13W, 2D16W



2 X FT7/9W, CFQ13W, CFTR13W, 2D10W



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 @ 75ºC or 3 years @ 90ºC 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) **Due to a program of continuous improvement, Fulham reserves the right to make modifications or variations in design or construction to the equipment described.**

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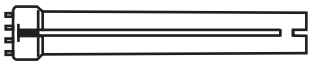

TWIN(FT), 4 PIN
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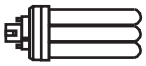


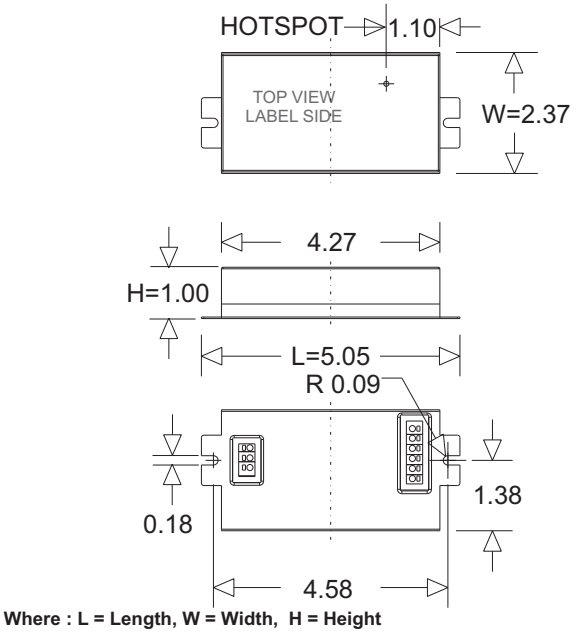
TRIPLE(CFTR)
13W

2D10/16W

ELECTRICAL DATA (With 277 Volt Application)

INPUT VOLT: 277V ± 10%, 50/60Hz									
LAMP WATTS/TYPE	CFQ13	CFTR13	2D16	CFQ13	CFTR13	2D10	CFT7	CFT9	
LAMPS OPERATED	1			2					
INPUT WATTS	17	17	18	29	30	26	17	21	
LINE CURRENT:	0.66	0.05	0.05	0.11	0.11	0.10	0.07	0.08	
POWER FACTOR	0.92	0.95	0.95	0.97	0.97	0.97	0.93	0.95	
BALLAST FACTOR	1.12	1.06	0.95	1.04	1.04	1.03	1.01	1.03	
EFFICACY FACTOR	6.59	6.25	5.37	3.55	3.42	3.98	6.07	5.02	
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



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WIRING DIAGRAMS

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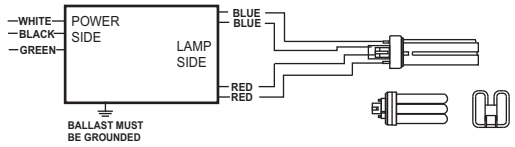
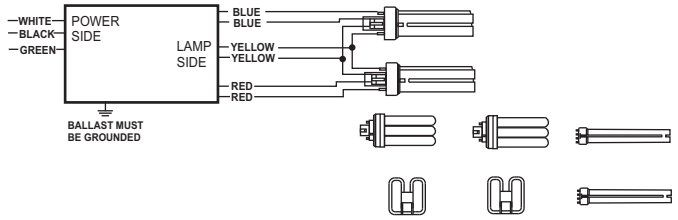


2 X FT7/9W, CFQ13W, CFTR13W, 2D10W



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