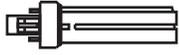


## SPECIFICATION SHEET : RHA-UNV-218-BLS

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.**



**QUAD (CFQE), 4 PIN  
18W**



**TRIPLE (CFTR/E)  
18W**

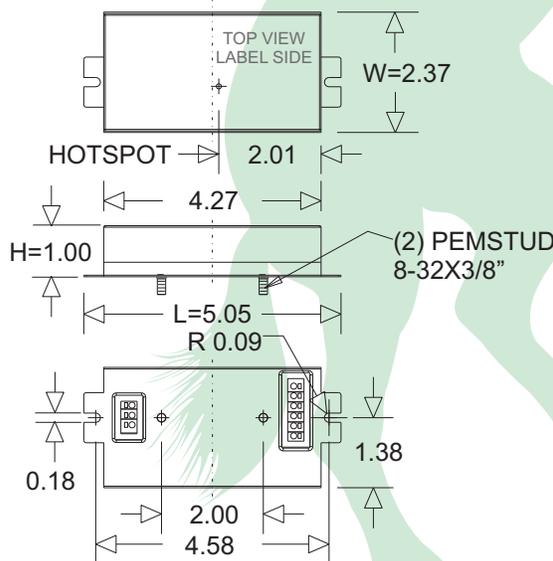


**2D16/21W**

### ELECTRICAL DATA ( With 120 Volt Application )

INPUT VOLT: 120V ± 10%, 50/60Hz									
LAMP WATTS/TYPE	18CFQ	18CFTR	21W2D	18CFQ	18CFTR	21W2D	16W2D		
LAMPS OPERATED	1			2					
INPUT WATTS	21	19	21	40	36	38	38		
LINE CURRENT:	0.17	0.16	0.18	0.33	0.30	0.32	0.32		
POWER FACTOR	0.99	0.99	0.99	0.99	0.99	0.99	0.99		
BALLAST FACTOR	1.13	1.05	0.99	1.12	1.02	0.94	1.20		
EFFICACY FACTOR	5.48	5.61	4.72	2.79	2.86	2.46	3.12		
THD	9.6%	10.3%	9.8%	7.2%	7.5%	7.5%	7.4%		
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	5 years @ 75°C or 3 years @ 90°C								
TYPE "CC" APPROVED	APPROVED								
APPROVALS/CLASS	UL /cULus LISTED, CLASS " P ", 1 OUTDOOR								
REMOTE MOUNTING	18 FT MAX.								

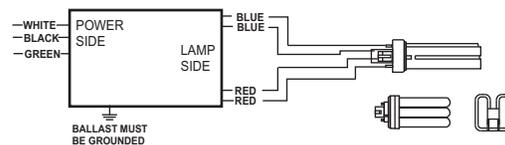
#### MECHANICAL DATA



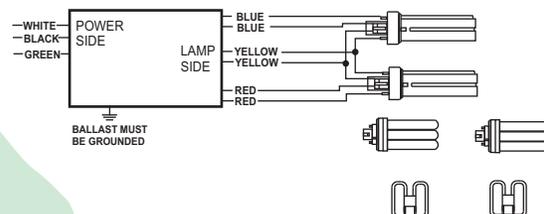
Where : L = Length, W = Width, H = Height

#### WIRING DIAGRAMS

##### 1 X CFQE18W, CFTRE18W, 2D21W



##### 2 X CFQE18W, CFTRE18W, 2D16/21W



**NOTE : This Ballast Must Be Grounded**

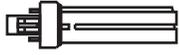
Fulham extends a limited warranty only to the original purchaser or to the first user for a period of **5 years @ 75°C** or **3 years @ 90°C** from the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please reference the Fulham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

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**This Ballast Will Operate Following Lamps.**



**QUAD (CFQE), 4 PIN  
18W**



**TRIPLE (CFTR/E)  
18W**

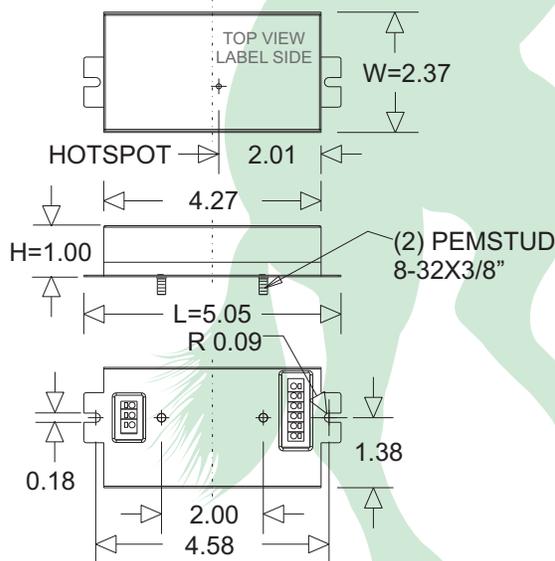


**2D16/21W**

### ELECTRICAL DATA ( With 277 Volt Application )

INPUT VOLT: 277V ± 10%, 50/60Hz									
LAMP WATTS/TYPE	18CFQ	18CFTR	21W2D	18CFQ	18CFTR	21W2D	16W2D		
LAMPS OPERATED	1			2					
INPUT WATTS	20	18	21	40	35	38	37		
LINE CURRENT:	0.08	0.07	0.08	0.15	0.13	0.14	0.14		
POWER FACTOR	0.95	0.94	0.95	0.98	0.98	0.98	0.98		
BALLAST FACTOR	1.13	1.04	1.02	1.13	1.02	0.95	1.17		
EFFICACY FACTOR	5.52	5.65	4.79	2.85	2.92	2.54	3.16		
THD	19.5%	20.7%	18.3%	10.8%	12.3%	10.5%	10.8%		
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	5 years @ 75°C or 3 years @ 90°C								
TYPE "CC" APPROVED	APPROVED								
APPROVALS/CLASS	UL /cULus LISTED, CLASS " P ", 1 OUTDOOR								
REMOTE MOUNTING	18 FT MAX.								

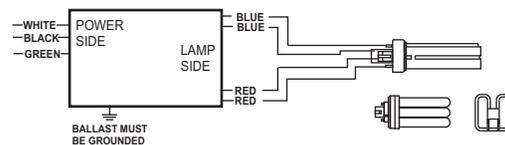
#### MECHANICAL DATA



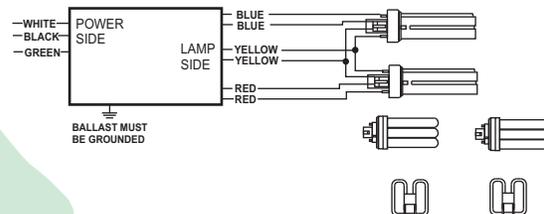
Where : L = Length, W = Width, H = Height

#### WIRING DIAGRAMS

##### 1 X CFQE18W, CFTRE18W, 2D21W



##### 2 X CFQE18W, CFTRE18W, 2D16/21W



**NOTE : This Ballast Must Be Grounded**

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