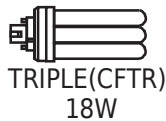
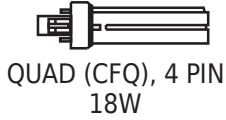


## SPECIFICATION SHEET : RHA-UNV-218-BLS

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.

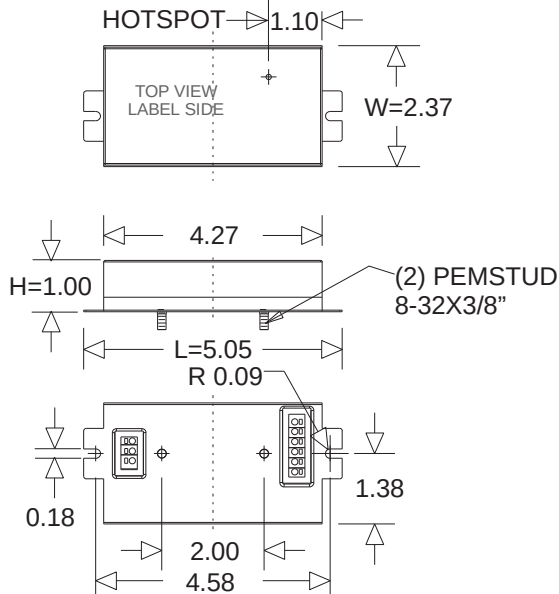
**This Ballast Will Operate Following Lamps.**



### ELECTRICAL DATA ( With 120 Volt Application )

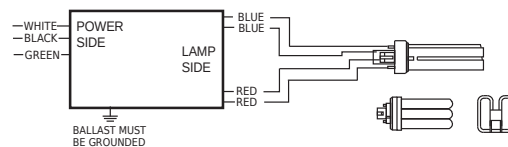
IN PU T VOLT: 120V ± 10% , 50/60H z								
LAMP WATTS/TYPE	C FQ18	C FTR 18	2D 21	C FQ18	C FTR 18	2D 21	2D 16	
LAMPS OPER ATED	1			2				
IN PU T WATTS	2 1	1 9	2 1	4 0	3 3	3 8	3 8	
LIN E C U R R EN T:	0 .1 7	0 .1 6	0 .2 3	0 .3 3	0 .3 0	0 .3 2	0 .3 2	
POWER FAC TOR	0 .9 9	0 .9 9	0 .9 9	0 .9 9	0 .9 9	0 .9 9	0 .9 9	
BALLAST FAC TOR	1 .1 2	1 .1 2	1 .0 6	1 .0 4	1 .0 5	0 .9 8	1 .1 8	
EFFIC AC Y FAC TOR	5 .4 3	5 .9 9	5 .0 6	2 .6 0	3 .2 1	2 .5 6	3 .0 7	
TH D	< 10%							
CURRENT CREST FA CTOR	< 1.7							
EMI/R FI C OMPLIAN C E	FC C PAR T 18-A (N ON -C ON SU MER )							
SOU N D R ATIN G	" A "							
BALLAST TYPE	PR OGR AMMED STAR T							
VOLTAGE TR AN SIEN TS	MOV (AN SI C 82.11)							
IN PU T/PR OTEC TION	FU SE							
OU TPU T/PR OTEC TION	OPEN LAMP, SH OR TED LAMP, EN D -OF-LIFE							
MIN . OPER ATIN G TEMP	-30°C (-22°F)							
MAX. C ASE TEMP	90°C ( 194°F ) SEE FOOT N OTE WAR R AN TY							
APPR OVALS/C LASS	U L /cU L LISTED , C LASS " P ", 1 OU TD OOR							
R EMOTE MOU N TIN G	18 FT MAX.							

#### MECHANICAL DATA

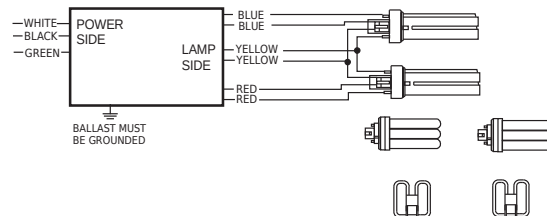


#### WIRING DIAGRAMS

1 X CFQ18W, CFTR18W, 2D21W



2 X CFQ18W, CFTR18W, 2D16/21W



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

NOTE : This Ballast Must Be Grounded

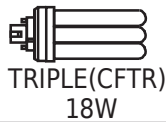
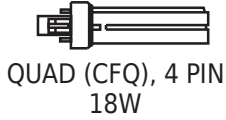
Fulham extends a limited warranty only to the original purchaser or to the first user for a period of **5 years @ 75°C** or **3 years @ 90°C** from the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please reference the Fulham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

## 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.

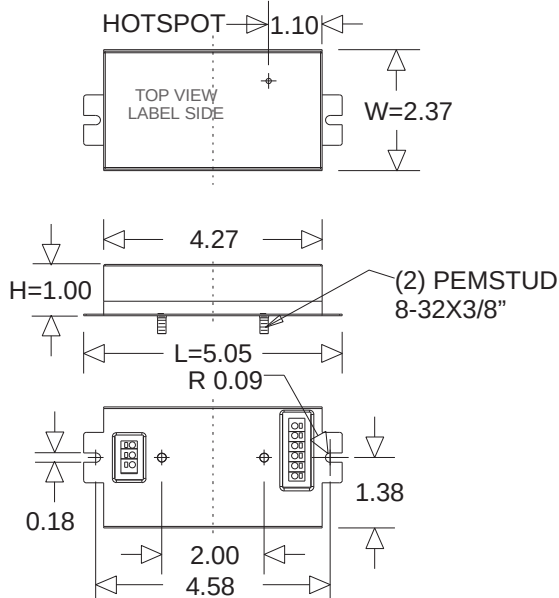
**This Ballast Will Operate Following Lamps.**



### ELECTRICAL DATA ( With 277 Volt Application )

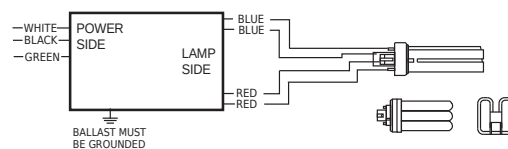
IN PU T VOLT: 277V ± 10% , 50/60H z								
LAMP WATTS/TYPE	C FQ18	C FTR 18	2 D 2 1	C FQ18	C FTR 18	2 D 2 1	2 D 1 6	
LAMPS OPER ATED	1			2				
IN PU T WATTS	2 0	1 8	2 1	4 0	3 5	3 8	3 7	
LIN E C U R R E N T:	0 .0 8	0 .0 7	0 .0 8	0 .1 5	0 .1 3	0 .1 4	0 .1 1	
POWER FAC TOR	0 .9 5	0 .9 4	0 .9 5	0 .9 8	0 .9 8	0 .9 8	0 .9 8	
BALLAST FAC TOR	1 .1 2	1 .1 2	1 .0 6	1 .0 4	1 .0 5	0 .9 7	1 .1 9	
EFFIC AC Y FAC TOR	5 .4 8	6 .0 4	4 .9 6	2 .6 2	3 .0 0	2 .5 7	3 .2 2	
TH D	< 10%							
CURRENT CREST FA CTOR	< 1.7							
EMI/R FI C OMPLIAN C E	FC C PAR T 18-A (N ON -C ON SU MER )							
SOU N D R ATIN G	" A "							
BALLAST TYPE	PR OGR AMMED STAR T							
VOLTAGE TR AN SIEN TS	MOV (AN SI C 82.11)							
IN PU T/PR OTEC TION	FU SE							
OU TPU T/PR OTEC TION	OPEN LAMP, SH OR TED LAMP, EN D -OF-LIFE							
MIN . OPER ATIN G TEMP	-30°C (-22°F)							
MAX. C ASE TEMP	90°C ( 194°F ) SEE FOOT N OTE WAR R AN TY							
APPR OVALS/C LASS	U L /cU L LISTED , C LASS " P ", 1 O U T D OOR							
R EMOTE MOU N TIN G	18 FT MAX.							

#### MECHANICAL DATA

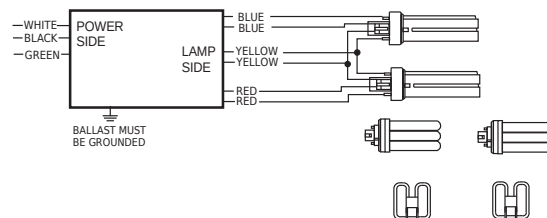


#### WIRING DIAGRAMS

**1 X CFQE18W, CFTRE18W, 2D21W**



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



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.