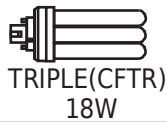
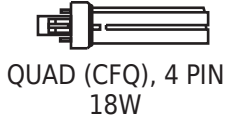


### SPECIFICATION SHEET : RHA-UNV-218-C

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.

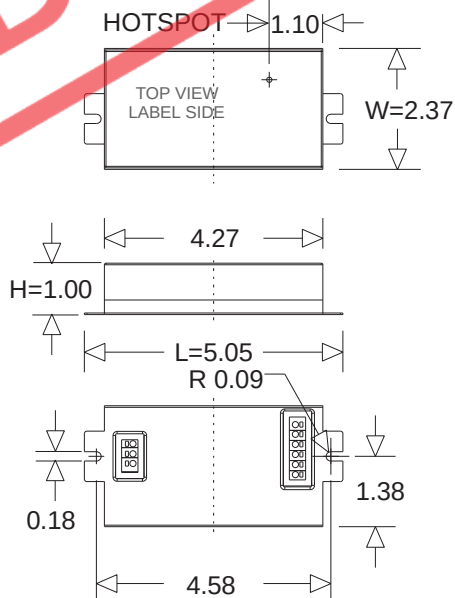
This Ballast Will Operate Following Lamps.



### ELECTRICAL DATA ( With 120 Volt Application )

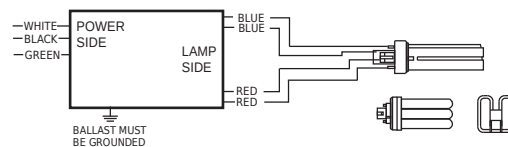
IN PU T VOLT: 120V ± 10% , 50/60H z								
LAMP WATTS/TYPE	C FQ18	C FTR 18	2D 21	C FQ18	C FTR 18	2D 21	2D 16	
LAMPS OPER ATED	1			2				
IN PU T WATTS	2 1	1 9	2 1	4 0	3 3	3 8	3 8	
LIN E C U R R EN T:	0.1 7	0.1 6	0.2 3	0.3 3	0.3 0	0.3 2	0.3 2	
POWER FAC TOR	0.9 9	0.9 9	0.9 9	0.9 9	0.9 9	0.9 9	0.9 9	
BALLAST 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	FCC PART 18-A (NON -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

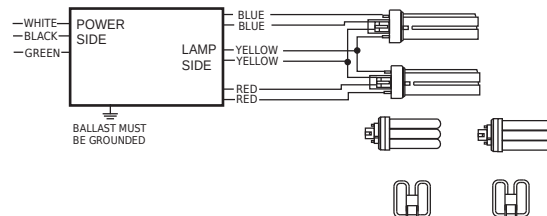


### WIRING DIAGRAMS

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

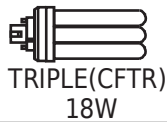
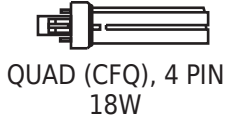
Fulham extends a limited warranty only to the original purchaser or to the first user for a period of **5 years @ 75°C** or **3 years @ 90°C** from the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please reference the Fulham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

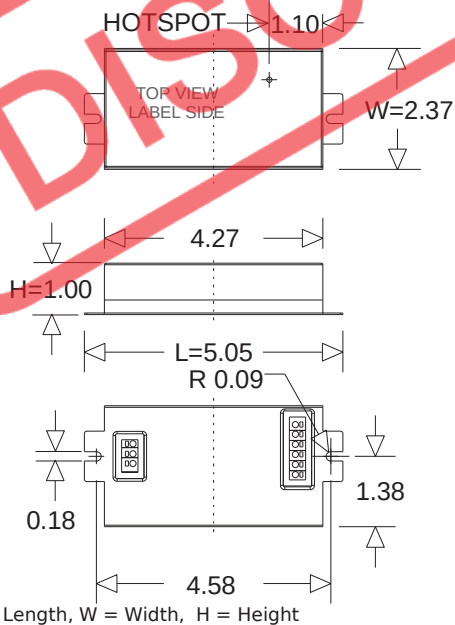
This Ballast Will Operate Following Lamps.



### ELECTRICAL DATA ( With 277 Volt Application )

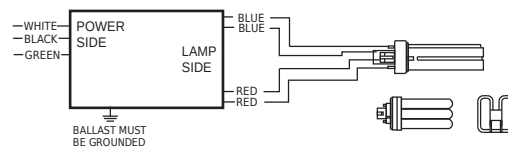
IN PU T VOLT: 277V ± 10% , 50/60HZ								
LAMP WATTS/TYPE	C FQ18	C FTR 18	2D 21	C FQ18	C FTR 18	2D 21	2D 16	
LAMPS OPER ATED	1			2				
IN PU T WATTS	20	18	21	40	35	38	37	
LIN E C U R R E N T:	0.08	0.07	0.08	0.15	0.13	0.14	0.11	
POWER FAC TOR	0.95	0.94	0.95	0.98	0.98	0.98	0.98	
BALLAST FAC TOR	1.12	1.12	1.06	1.04	1.05	0.97	1.19	
EFFIC AC Y FAC TOR	5.48	6.04	4.96	2.62	3.00	2.57	3.22	
TH D	< 10%							
CURRENT CREST FA CTOR	< 1.7							
EMI/R FI C O M P L I A N C E	F C C P A R T 18-A (N O N -C O N S U M E R )							
S O U N D R A T I N G	" A "							
BALLAST TYPE	P R O G R A M M E D S T A R T							
VOLTAGE T R A N S I E N T S	M O V (A N S I C 82.11)							
I N P U T / P R O T E C T I O N	F U S E							
O U T P U T / P R O T E C T I O N	O P E N L A M P , S H O R T E D L A M P , E N D - O F - L I F E							
M I N . O P E R A T I N G T E M P	-30°C (-22°F)							
M A X . C A S E T E M P	90°C (194°F) SEE FOOT N O T E W A R R A N T Y							
A P P R O V A L S / C L A S S	U L / C U L L I S T E D , C L A S S " P " , 1 O U T D O O R							
R E M O T E M O U N T I N G	18 FT MAX.							

### MECHANICAL DATA

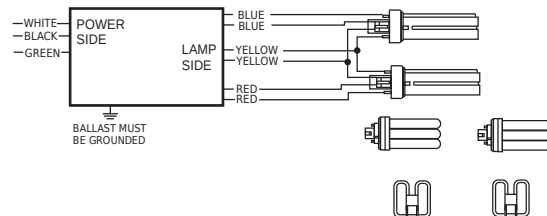


### WIRING DIAGRAMS

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.