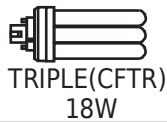
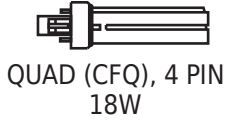


SPECIFICATION SHEET : RHA-UNV-218-C

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.

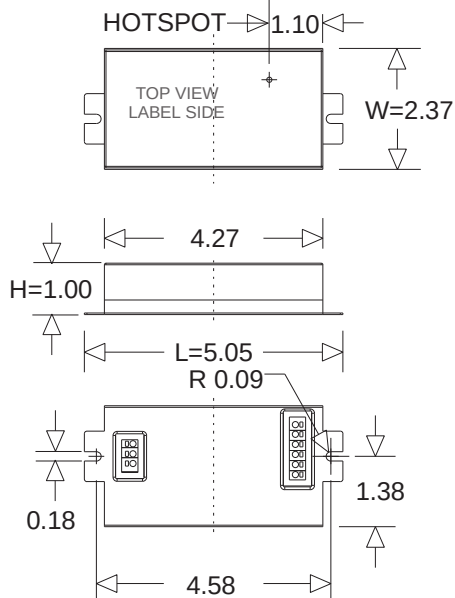
This Ballast Will Operate Following Lamps.



ELECTRICAL DATA (With 120 Volt Application)

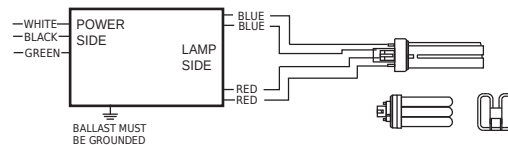
IN PU T VOLT: 120V ± 10% , 50/60H z								
LAMP WATTS/TYPE	C FQ18	C FTR 18	2D 21	C FQ18	C FTR 18	2D 21	2D 16	
LAMPS OPER ATED	1			2				
IN PU T WATTS	2 1	1 9	2 1	4 0	3 3	3 8	3 8	
LIN E C U R R EN T:	0 .1 7	0 .1 6	0 .2 3	0 .3 3	0 .3 0	0 .3 2	0 .3 2	
POWER FAC TOR	0 .9 9	0 .9 9	0 .9 9	0 .9 9	0 .9 9	0 .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 -CONSUMER)							
SOU N D R ATIN G	" A "							
BALLAST TYPE	PR OGR AMMED STAR T							
VOLTAGE TR AN SIEN TS	MOV (ANSI 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

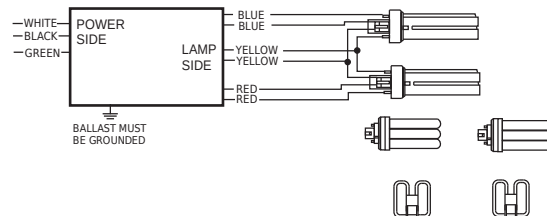


WIRING DIAGRAMS

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

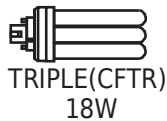
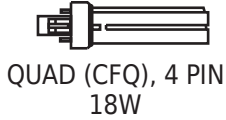
Fulham extends a limited warranty only to the original purchaser or to the first user for a period of **5 years @ 75°C** or **3 years @ 90°C** from the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please reference the Fulham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

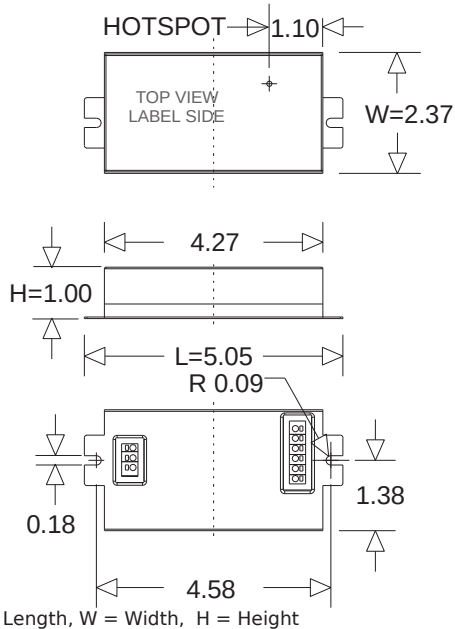
This Ballast Will Operate Following Lamps.



ELECTRICAL DATA (With 277 Volt Application)

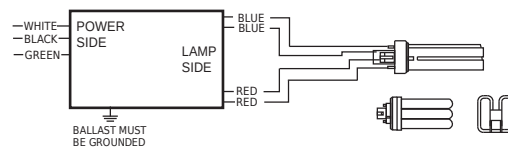
IN PU T VOLT: 277V ± 10% , 50/60H z								
LAMP WATTS/TYPE	C FQ18	C FTR 18	2D 21	C FQ18	C FTR 18	2D 21	2D 16	
LAMPS OPER ATED	1			2				
IN PU T WATTS	20	18	21	40	35	38	37	
LIN E C U R R E N T:	0.08	0.07	0.08	0.15	0.13	0.14	0.11	
POWER FAC TOR	0.95	0.94	0.95	0.98	0.98	0.98	0.98	
BALLAST FAC TOR	1.12	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 C TOR	< 1.7							
EMI/R FI C OMPLIAN C E	FCC PART 18-A (NON -CONSUMER)							
SOU N D R ATIN G	"A"							
BALLAST TYPE	PROGRAMMED START							
VOLTAGE TR AN SIEN TS	MOV (ANSI C 82.11)							
IN PU T/PR OTEC TION	FUSE							
OU TPU T/PR OTEC TION	OPEN LAMP, SHORTED LAMP, END -OF-LIFE							
MIN . OPER ATIN G TEMP	-30°C (-22°F)							
MAX. C ASE TEMP	90°C (194°F) SEE FOOT NOTE WARRANTY							
APPR OVALS/C LASS	UL/cUL LISTED , CLASS "P", 1 OUTDOOR							
R EMOTE MOU N TIN G	18 FT MAX.							

MECHANICAL DATA

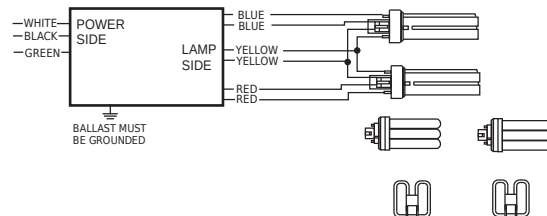


WIRING DIAGRAMS

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) Due to a program of continuous improvement, Fulham reserves the right to make modifications or variations in design or construction to the equipment described.