

This Is An Original Product From Fulham Co., Inc

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

This Ballast Will Operate Following Lamps.

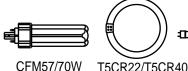


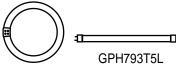
24-27/36/40W/36TUV

QUAD (CFQ/E), 4 PIN



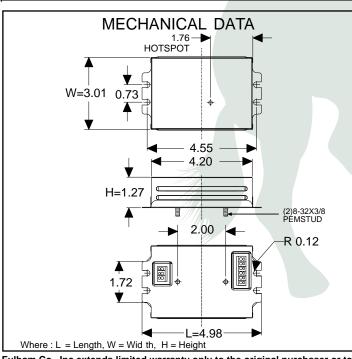


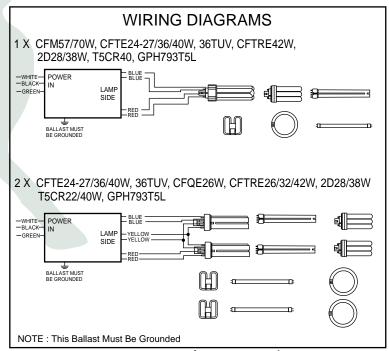




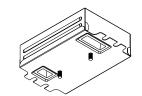
ELECTRICAL DATA (With 120 Volt Application- 1 Lamp)

INPUT VOLT: 120V ± 10%,	50/60Hz												
LAMP WATTS/TYPE	CFM57	CFM70	42CFTR/E	24/27CFT/E	36CFT/E	40CFT/E	2D28W	2D38W	T5CR40	36TUV	GPH793T5L		
LAMPS OPERATED													
INPUT WATTS	53.91W	75.06W	45.69W	26.89W	34.88W	47.39W	33.18W	32.14W	40.83W	33.73W	34.51W		
LINE CURRENT:	0.442A	0.628A	0.382A	0.225A	0.292A	0.396A	0.278A	0.269A	0.341A	0.282A	0.289A		
POWER FACTOR	0.998	0.996	0.998	0.996	0.996	0.997	0.995	0.995	0.997	0.997	0.995		
BALLAST FACTOR	0.853	0.977	0.941	1.061	0.967	1.071	1.211	0.862	0.918	0.834	0.808		
EFFICACY FACTOR	1.582	1.302	2.059	3.946	2.772	2.260	3.651	2.681	2.248	2.472	2.342		
THD %	1.9%	3.7%	2.7%	6.5%	4.2%	1.8%	4.5%	4.8%	2.8%	4.3%	4.2%		
CURRENT CREST FACTOR	1.5	1.6	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.6	1.6		
EMI/RFI COMPLIANCE				FC	C PART 18-	B (Consum	ner)						
SOUND RATING					" A	н							
BALLAST TYPE				F	ROGRAMN	IED STAR	Γ						
VOLTAGE TRANSIENTS					MOV (ANS	I C82.11)							
INPUT/PROTECTION					FUS	SE							
OUTPUT/PROTECTION				OPEN LAMP	, SHORTE	LAMP, E	ND-OF-LIF	E					
MIN. OPERATING TEMP					-30 °C ('-	22 ⁰ F)							
MAX. CASE TEMP				90 °C (194 °	F) SEE FC	OT NOTE	WARRAN	ΓΥ					
ENERGY STAR 4.0													
APPROVALS/CLASS				UL/cUL L	ISTED, CLAS	SS " P ", 1 C	UTDOOR						
REMOTE MOUNTING					18 FT	MAX.	<u>'</u>	<u>'</u>					









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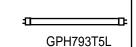
24-27/36/40W/36TUV

QUAD (CFQ/E), 4 PIN





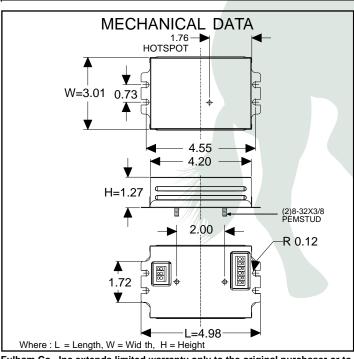


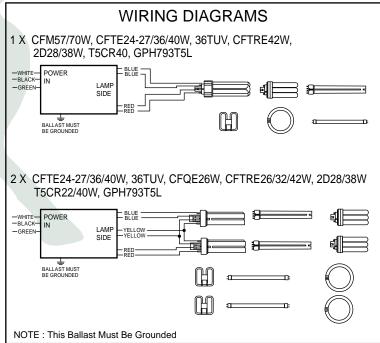


CFM57/70W T5CR22/T5CR40

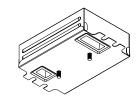
ELECTRICAL DATA (With 120 Volt Application- 2 Lamp)

INPUT VOLT: 120V ± 10%, 50/60Hz													
LAMP WATTS/TYPE	26CFQ/E	26CFTR/E	32CFTR/E	42CFTR/E	24/27CFT/E	36CFT/E	40CFT/E	2D28W	2D38W	T5CR22W	T5CR40W	36TUV	GPH793T5L
LAMPS OPERATED		2											
INPUT WATTS	56.07W	57.04W	66.85W	83.39W	50.63W	65.74W	89.45W	61.23W	62.34W	52.54W	78.24W	63.27W	65.74W
LINE CURRENT:	0.469A	0.477A	0.559A	0.697A	0.423A	0.550A	0.748A	0.511A	0.521A	0.439A	0.654A	0.529A	0.549A
POWER FACTOR	0.996	0.996	0.997	0.996	0.997	0.996	0.994	0.997	0.996	0.997	0.996	0.997	0.997
BALLAST FACTOR	1.044	1.035	0.963	0.893	1.027	0.939	1.019	1.198	0.829	1.088	0.916	0.758	0.820
EFFICACY FACTOR	1.862	1.815	1.441	1.071	2.028	1.428	1.139	1.956	1.329	2.070	1.171	1.199	1.247
THD %	2.6%	2.0%	2.7%	4.4%	2.3%	3.0%	4.7%	2.0%	2.7%	2.0%	3.5%	2.8%	8.7%
CURRENT CREST FACTOR	1.5	1.5	1.5	1.55	1.4	1.5	1.4	1.4	1.5	1.6	1.4	1.4	1.4
EMI/RFI COMPLIANCE		-		FO	C PART 18-	B (Consur	ner)						
SOUND RATING					" A	."							
BALLAST TYPE				F	PROGRAMIN	IED STAR	Т						
VOLTAGE TRANSIENTS					MOV (ANS	I C82.11)							
INPUT/PROTECTION					FUS	SE							
OUTPUT/PROTECTION			0	PEN LAMF	P, SHORTE	DLAMP, E	ND-OF-LII	FE					
MIN. OPERATING TEMP					-30 °C ('-	22°F)							
MAX. CASE TEMP			90	°C (194 °	F) SEE FC	OT NOTE	WARRAN	NTY Y					
ENERGY STAR 4.0													
APPROVALS/CLASS				UL/cUL L	LISTED, CLAS	SS " P ", 1 (OUTDOOR						
REMOTE MOUNTING					18 FT	MAX.		·		·	·	·	·
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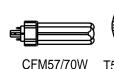


TWIN(CFT/E), 4 PIN 24-27/36/40W/36TUV





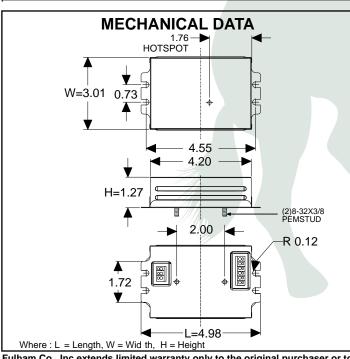


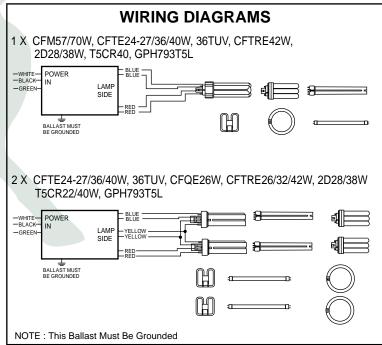




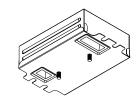
ELECTRICAL DATA (With 230 Volt Application- 1 Lamp)

INPUT VOLT: 230V ± 10%,	50/60Hz		_								
LAMP WATTS/TYPE	CFM57	CFM70	42CFTR/E	24/27CFT/E	36CFT/E	40CFT/E	2D28W	2D38W	T5CR40	36TUV	GPH793T5L
LAMPS OPERATED		//1									
INPUT WATTS	51.57W	73.64W	43.35W	28.18W	34.80W	45.89W	31.91W	34.40W	38.82W	34.06W	35.07W
LINE CURRENT:	0.227A	0.323A	0.191A	0.127A	0.155A	0.202A	0.142A	0.153A	0.172A	0.152A	0.156A
POWER FACTOR	0.988	0.991	0.984	0.965	0.978	0.985	0.976	0.977	0.980	0.975	0.978
BALLAST FACTOR	0.833	0.977	0.909	1.101	0.956	1.050	1.159	0.912	0.867	0.843	0.791
EFFICACY FACTOR	1.615	1.327	2.097	3.906	2.747	2.289	3.633	2.652	2.233	2.475	2.254
THD %	9.6%	7.0%	10.8%	14.6%	12.8%	10.7%	13.5%	12.9%	12.1%	12.8%	12.8%
CURRENT CREST FACTOR	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.5
EMI/RFI COMPLIANCE				FC	C PART 18-	B (Consum	ner)				
SOUND RATING					" A	. "					
BALLAST TYPE				F	PROGRAMN	IED STAR	Τ				
VOLTAGE TRANSIENTS					MOV (ANS	I C82.11)					
INPUT/PROTECTION					FU	SE					
OUTPUT/PROTECTION				OPEN LAMF	P, SHORTE	LAMP, E	ND-OF-LIF	E			
MIN. OPERATING TEMP					-30 °C ('	·22 °F)					
MAX. CASE TEMP				90 °C (194 °	F) SEE FC	OT NOTE	WARRAN	ΓΥ	•		
ENERGY STAR 4.0											
APPROVALS/CLASS				UL /cUL L	ISTED, CLA	SS " P ", 1 C	UTDOOR				
REMOTE MOUNTING					18 FT	MAX.					









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This Ballast Will Operate Following Lamps.



TWIN(CFT/E), 4 PIN 24-27/36/40W/36TUV







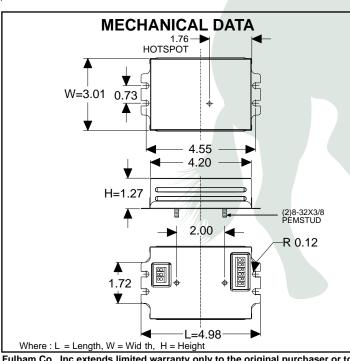


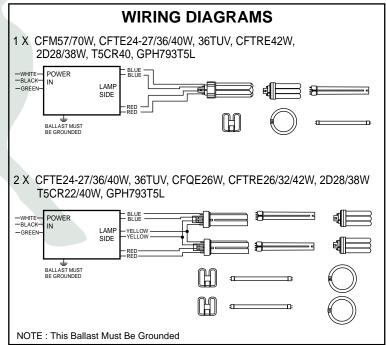


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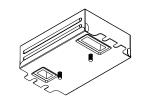
ELECTRICAL DATA (With 230 Volt Application- 2 Lamp)

INPUT VOLT: 230V ± 10%, 50/60Hz													
LAMP WATTS/TYPE	26CFQ/E	26CFTR/E	32CFTR/E	42CFTR/E	24/27CFT/E	36CFT/E	40CFT/E	2D28W	2D38W	T5CR22W	T5CR40W	36TUV	GPH793T5L
LAMPS OPERATED	2												
INPUT WATTS	58.54W	54.52W	62.22W	83.93W	52.56W	65.64W	87.20W	59.97W	61.99W	50.85W	72.14W	63.88W	63.39W
LINE CURRENT:	0.257A	0.240A	0.273A	0.367A	0.231A	0.288A	0.381A	0.263A	0.272A	0.224A	0.316A	0.280A	0.278A
POWER FACTOR	0.989	0.989	0.992	0.995	0.988	0.993	0.996	0.990	0.992	0.989	0.994	0.991	0.991
BALLAST FACTOR	1.138	1.061	0.883	0.870	1.077	0.929	0.998	1.135	0.876	1.041	0.827	0.763	0.812
EFFICACY FACTOR	1.944	1.946	1.419	1.037	2.049	1.415	1.144	1.892	1.414	2.048	1.146	1.195	1.280
THD %	8.6%	9.1%	8.2%	5.8%	9.4%	7.8%	5.8%	8.3%	8.2%	9.6%	7.3%	7.8%	8.0%
CURRENT CREST FACTOR	1.5	1.5	1.5	1.5	1.5	1.4	1.43	1.5	1.5	1.5	1.5	1.5	1.5
EMI/RFI COMPLIANCE				FC	C PART 18-	B (Consur	ner)						
SOUND RATING					" A	."							
BALLAST TYPE				F	PROGRAMIV	IED STAR	T						
VOLTAGE TRANSIENTS					MOV (ANS	I C82.11)							
INPUT/PROTECTION					FUS	SE							
OUTPUT/PROTECTION			Ol	PEN LAMF	P, SHORTED	DLAMP, E	ND-OF-LII	FE					
MIN. OPERATING TEMP					-30 °C ('-	22°F)							
MAX. CASE TEMP			90	°C (194 °	F) SEE FC	OT NOTE	WARRAN	IΤΥ					
ENERGY STAR 4.0													
APPROVALS/CLASS				UL/cUL L	LISTED, CLAS	SS " P ", 1 (OUTDOOR						
REMOTE MOUNTING					18 FT	MAX.		·				·	









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24-27/36/40W/36TUV

QUAD (CFQ/E), 4 PIN



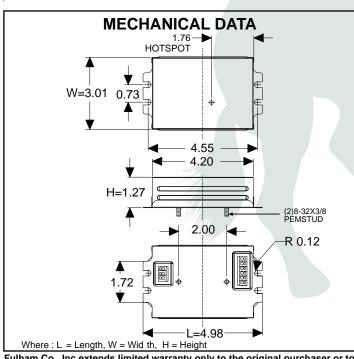


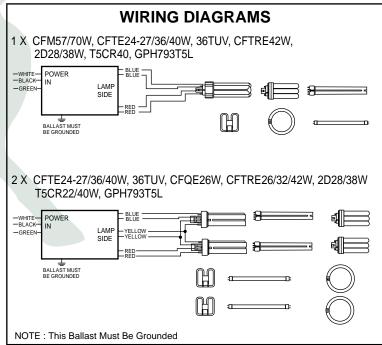




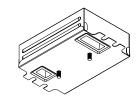
ELECTRICAL DATA (With 277 Volt Application- 1 Lamp)

INPUT VOLT: 277V ± 10%,	50/60Hz										
LAMP WATTS/TYPE	CFM57	CFM70	42CFTR/E	24/27CFT/E	36CFT/E	40CFT/E	2D28W	2D38W	T5CR40	36TUV	GPH793T5L
LAMPS OPERATED											
INPUT WATTS	53.29W	73.46W	46.29W	27.29W	35.12W	46.72W	33.17W	32.05W	40.70W	34.02W	34.58W
LINE CURRENT:	0.196A	0.269A	0.171A	0.106A	0.132A	0.173A	0.126A	0.122A	0.152A	0.127A	0.131A
POWER FACTOR	0.982	0.986	0.979	0.929	0.960	0.976	0.953	0.949	0.965	0.964	0.955
BALLAST FACTOR	0.866	0.975	0.960	1.061	0.970	1.061	1.214	0.849	0.915	0.836	0.806
EFFICACY FACTOR	1.625	1.327	2.073	3.888	2.761	2.272	3.660	2.649	2.248	2.456	2.329
THD %	10.3%	7.6%	11.4%	21.3%	13.8%	11.5%	14.2%	14.3%	12.6%	14.0%	13.9%
CURRENT CREST FACTOR	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.6	1.6	1.6	1.6
EMI/RFI COMPLIANCE				FC	C PART 18-	B (Consum	ner)		•		•
SOUND RATING					" A	П					
BALLAST TYPE				P	ROGRAMM	IED START	Γ				
VOLTAGE TRANSIENTS					MOV (ANS	I C82.11)					
INPUT/PROTECTION					FUS	SE .					
OUTPUT/PROTECTION				OPEN LAMP	, SHORTE	LAMP, EI	ND-OF-LIF	E			
MIN. OPERATING TEMP					-30 °C ('-	22°F)					
MAX. CASE TEMP				90 °C (194 °	F) SEE FC	OT NOTE	WARRAN	ΓΥ	•	•	
ENERGY STAR 4.0											
APPROVALS/CLASS				UL/cUL L	ISTED, CLAS	SS " P ", 1 O	UTDOOR				
REMOTE MOUNTING				_	18 FT	MAX.					









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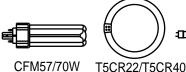
This Ballast Will Operate Following Lamps.

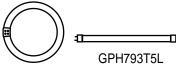


TWIN(CFT/E), 4 PIN QUAD (CFQ/E), 4 PIN 24-27/36/40W/36TUV









ELECTRICAL DATA (With 277 Volt Application- 2 Lamp)

INPUT VOLT: 277V ± 10%,	50/60Hz												
LAMP WATTS/TYPE	26CFQ/E	26CFTR/E	32CFTR/E	42CFTR/E	24/27CFT/E	36CFT/E	40CFT/E	2D28W	2D38W	T5CR22W	T5CR40W	36TUV	GPH793T5L
LAMPS OPERATED		2											
INPUT WATTS	55.20W	56.00W	59.88W	88.02W	50.83W	64.57W	88.14W	60.50W	63.08W	52.22W	76.48W	62.68W	64.60W
LINE CURRENT:	0.204A	0.206A	0.220A	0.321A	0.187A	0.237A	0.322A	0.222A	0.232A	0.193A	0.279A	0.230A	0.237A
POWER FACTOR	0.978	0.976	0.980	0.989	0.978	0.983	0.988	0.984	0.982	0.979	0.989	0.985	0.986
BALLAST FACTOR	1.033	1.025	0.878	0.975	1.039	0.934	1.029	1.182	0.830	1.093	0.904	0.762	0.820
EFFICACY FACTOR	1.871	1.830	1.465	1.108	2.044	1.423	1.167	1.954	1.315	2.093	1.182	1.215	1.269
THD %	10.1%	9.9%	9.2%	6.6%	10.6%	8.7%	6.3%	9.3%	8.8%	10.4%	7.3%	8.9%	8.7%
CURRENT CREST FACTOR	1.5	1.5	1.5	1.4	1.4	1.5	1.5	1.4	1.5	1.5	1.4	1.4	1.4
EMI/RFI COMPLIANCE		FCC PART 18-B (Consumer)											
SOUND RATING					" A	."							
BALLAST TYPE				F	PROGRAMIV	IED STAR	T						
VOLTAGE TRANSIENTS					MOV (ANS	I C82.11)							
INPUT/PROTECTION					FUS	SE							
OUTPUT/PROTECTION			O	PEN LAMF	P, SHORTE	D LAMP, E	ND-OF-LII	FE					
MIN. OPERATING TEMP					-30 °C ('-	-22°F)							
MAX. CASE TEMP			90	°C (194 °	F) SEE FC	OT NOTE	WARRAN	IΤΥ					
ENERGY STAR 4.0													
APPROVALS/CLASS				UL/cUL L	ISTED, CLAS	SS " P ", 1 (OUTDOOR						
REMOTE MOUNTING					18 FT	MAX.							

