

This Is An Original Product From Fulham Co., Inc.

Description: WORKHORSE Specifier Grade Series Electronic Ballast, Drop In Replacement

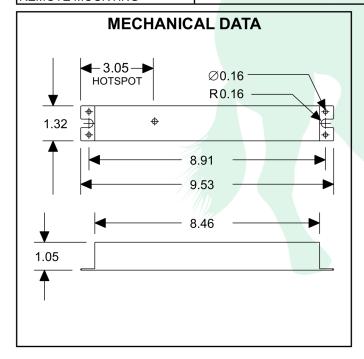
For Magnetic Ballast, Parallel Lamp Operation, THD Less Than 10%

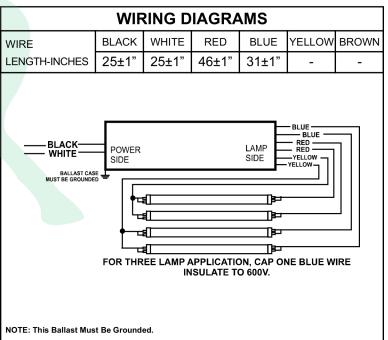
This Ballast Will Operate Following Lamps:

F17T8, F25T8, F32T8/25, F32T8/28, F32T8/30, FB28T8, FB31T8, FB32T8, F32T8, F40T8, F32T8

ELECTRICAL DATA

INPUT VOLT	120V ± 10%, 50/60Hz											
LAMP WATTS/TYPE	F32T8/25	F32T8/28	F32T8/30	FB28T8	FB31T8	FB32T8	F32T8	F40T8				
LAMPS OPERATED		3 (THREE)										
INPUT WATTS	74	77	84	77	87	92	92	114				
LINE CURRENT	0.62	0.65	0.71	0.65	0.73	0.77	0.77	0.95				
POWER FACTOR	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98				
BALLAST FACTOR	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96				
BALLAST EFFICACY FACTOR	1.29	1.24	1.14	1.24	1.10	1.04	1.04	0.84				
THD	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%				
CURRENT CREST FACTOR		≤ 1.7										
EMI/RFI COMPLIANCE		FCC PART 18-A (NON-CONSUMER)										
SOUND RATING				"/	Α"							
BALLAST TYPE				INSTAN'	T START							
VOLTAGE TRANSIENTS				ANSI C82	2.11-1993							
INPUT/PROTECTION				FU	SE							
OUTPUT/PROTECTION					_							
MIN. STATING TEMP.				-18°C	(0°F)							
MAX. CASE TEMP.				70°C (158°F)							
TYPE "HL" APPROVAL			APPROV	ED FOR HAZ	ZARDOUS LO	OCATION						
ENERGY STAR 4.0					_							
APPROVALS/CLASS			UL/cUL	LISTED, CL	ASS P, 1 OU	TDOOR						
REMOTE MOUNTING				18 FT	MAX.							





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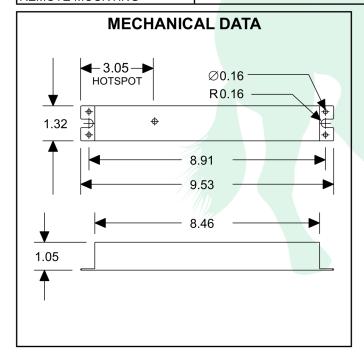
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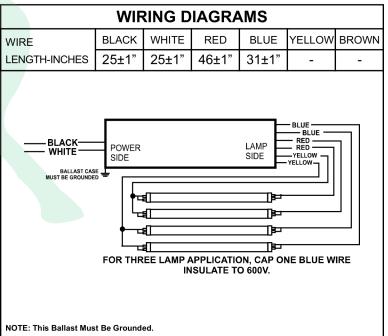
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ELECTRICAL DATA

INPUT VOLT	120V ± 10%, 50/60Hz									
LAMP WATTS/TYPE	F17T8	F25T8	F32T8/30	F32T8/28	F32T8/25	FBO28T8	FBO31T8	F32T8	FBO32T8	
LAMPS OPERATED	4 (FOUR)									
INPUT WATTS	59	87	88	94	101	94	107	112	112	
LINE CURRENT	0.49	0.72	0.74	0.79	0.85	0.79	0.9	0.93	0.93	
POWER FACTOR	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	
BALLAST FACTOR	0.93	0.89	0.88	0.88	0.88	0.88	0.88	0.88	0.88	
BALLAST EFFICACY FACTOR	1.57	1.02	1.00	0.93	0.87	0.93	0.82	0.79	0.79	
THD	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	
CURRENT CREST FACTOR	≤ 1.7									
EMI/RFI COMPLIANCE	FCC PART 18-A (NON-CONSUMER)									
SOUND RATING					"A"					
BALLAST TYPE				IN:	STANT STA	RT				
VOLTAGE TRANSIENTS				AN	SI C82.11-1	993				
INPUT/PROTECTION					FUSE					
OUTPUT/PROTECTION					-					
MIN. STATING TEMP.					-18°C (0°F)				
MAX. CASE TEMP.					70°C (158°F	·)				
TYPE "HL" APPROVAL			APPI	ROVED FO	R HAZARD	OUS LOCA	TION			
ENERGY STAR 4.0					-					
APPROVALS/CLASS			UL	/cUL LISTE	D, CLASS F	, 1 OUTDO	OR			
REMOTE MOUNTING					18 FT MAX					





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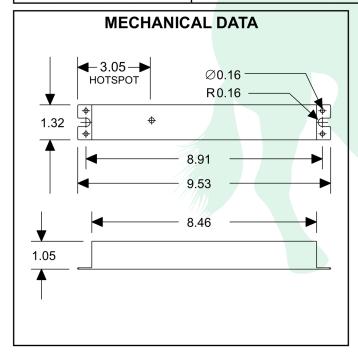
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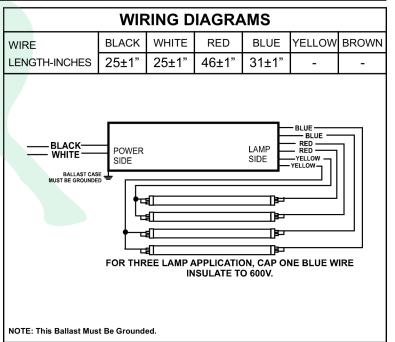
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ELECTRICAL DATA

INPUT VOLT	230V ± 10%, 50/60Hz											
LAMP WATTS/TYPE	F32T8/25	F32T8/28	F32T8/30	FB28T8	FB31T8	FB32T8	F32T8	F40T8				
LAMPS OPERATED		3 (THREE)										
INPUT WATTS	73	77	89	109								
LINE CURRENT	0.32	0.34	0.37	0.34	0.39	0.39	0.39	0.48				
POWER FACTOR	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98				
BALLAST FACTOR	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96				
BALLAST EFFICACY FACTOR	1.31	1.25	1.15	1.25	1.10	1.07	1.07	0.88				
THD	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%				
CURRENT CREST FACTOR	≤ 1.7											
EMI/RFI COMPLIANCE		FCC PART 18-A (NON-CONSUMER)										
SOUND RATING				"/	Α"							
BALLAST TYPE				INSTAN'	T START							
VOLTAGE TRANSIENTS				ANSI C82	2.11-1993							
INPUT/PROTECTION				FU	SE							
OUTPUT/PROTECTION					_							
MIN. STATING TEMP.				-18°C	(0°F)							
MAX. CASE TEMP.				70°C (158°F)							
TYPE "HL" APPROVAL			APPROV	ED FOR HAZ	ZARDOUS LO	OCATION						
ENERGY STAR 4.0					_							
APPROVALS/CLASS			UL/cUL	LISTED, CL	ASS P, 1 OU	TDOOR						
REMOTE MOUNTING				18 FT	MAX.							





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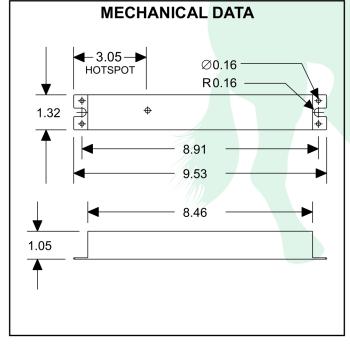
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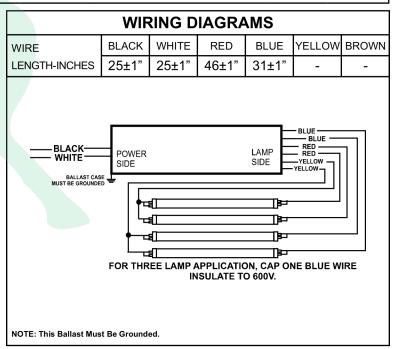
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ELECTRICAL DATA

INPUT VOLT	230V ± 10%, 50/60Hz									
LAMP WATTS/TYPE	F17T8	F25T8	F32T8/30	F32T8/28	F32T8/25	FBO28T8	FBO31T8	F32T8	FBO32T8	
LAMPS OPERATED		4 (FOUR)								
INPUT WATTS	58	85	88	94	100	92	106	108	108	
LINE CURRENT	0.26	0.38	0.39	0.42	0.44	0.41	0.47	0.48	0.48	
POWER FACTOR	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	
BALLAST FACTOR	0.93	0.89	0.88	0.88	0.88	0.88	0.88	0.88	0.88	
BALLAST EFFICACY FACTOR	1.59	1.05	1.00	0.93	0.88	0.95	0.83	0.80	0.80	
THD	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	
CURRENT CREST FACTOR		≤ 1.7								
EMI/RFI COMPLIANCE		FCC PART 18-A (NON-CONSUMER)								
SOUND RATING					"A"					
BALLAST TYPE				IN:	STANT STA	RT				
VOLTAGE TRANSIENTS				AN	SI C82.11-1	993				
INPUT/PROTECTION					FUSE					
OUTPUT/PROTECTION					-					
MIN. STATING TEMP.					-18°C (0°F)				
MAX. CASE TEMP.	,				70°C (158°F	-)				
TYPE "HL" APPROVAL			APP	ROVED FO	R HAZARD	OUS LOCA	TION			
ENERGY STAR 4.0					-					
APPROVALS/CLASS			UL	/cUL LISTE	D, CLAS <mark>S</mark> F	P, 1 OUTDO	OR			
REMOTE MOUNTING					18 FT MAX		•			





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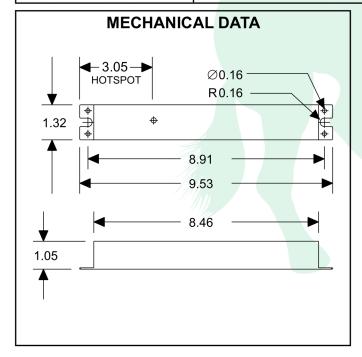
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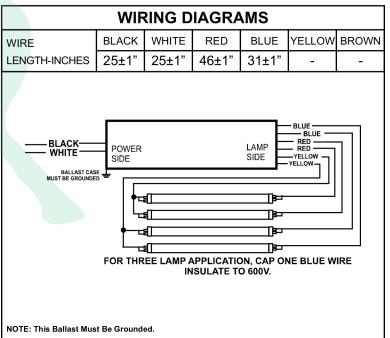
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ELECTRICAL DATA

INPUT VOLT	277V ± 10%, 50/60Hz											
LAMP WATTS/TYPE	F32T8/25	F32T8/28	F32T8/30	FB28T8	FB31T8	FB32T8	F32T8	F40T8				
LAMPS OPERATED		3 (THREE)										
INPUT WATTS	73	77	89	89	109							
LINE CURRENT	0.27	0.29	0.31	0.29	0.32	0.34	0.34	0.41				
POWER FACTOR	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98				
BALLAST FACTOR	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96				
BALLAST EFFICACY FACTOR	1.31	1.25	1.15	1.25	1.10	1.07	1.07	0.88				
THD	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%				
CURRENT CREST FACTOR		≤ 1.7										
EMI/RFI COMPLIANCE		FCC PART 18-A (NON-CONSUMER)										
SOUND RATING				"/	۹"							
BALLAST TYPE				INSTAN [*]	T START							
VOLTAGE TRANSIENTS				ANSI C82	2.11-1993							
INPUT/PROTECTION				FU	SE							
OUTPUT/PROTECTION					-							
MIN. STATING TEMP.				-18°C	(0°F)							
MAX. CASE TEMP.				70°C (158°F)							
TYPE "HL" APPROVAL			APPROV	ED FOR HAZ	ZARDOUS LO	OCATION						
ENERGY STAR 4.0					-							
APPROVALS/CLASS			UL/cUL	LISTED, CL	ASS P, 1 OU	TDOOR						
REMOTE MOUNTING				18 FT	MAX.	_	_					





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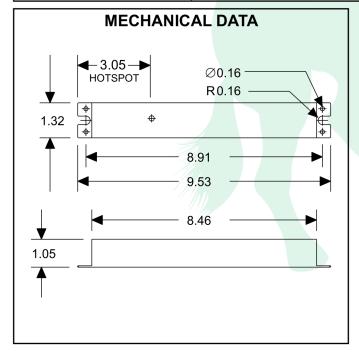
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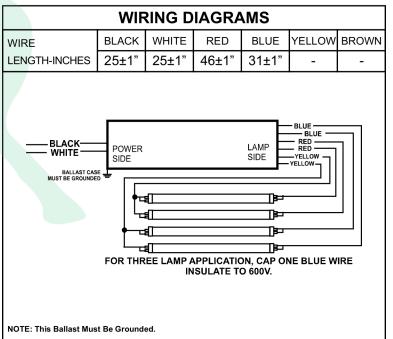
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ELECTRICAL DATA

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LAMP WATTS/TYPE	F17T8	F25T8	F32T8/30	F32T8/28	F32T8/25	FBO28T8	FBO31T8	F32T8	FBO32T8	
LAMPS OPERATED	4 (FOUR)									
INPUT WATTS	58	85	88	94	100	92	106	108	108	
LINE CURRENT	0.22	0.32	0.33	0.35	0.37	0.34	0.39	0.40	0.40	
POWER FACTOR	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	
BALLAST FACTOR	0.93	0.89	0.88	0.88	0.88	0.88	0.88	0.88	0.88	
BALLAST EFFICACY FACTOR	1.59	1.05	1.00	0.93	0.88	0.95	0.83	0.80	0.80	
THD	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	
CURRENT CREST FACTOR	≤ 1.7									
EMI/RFI COMPLIANCE	FCC PART 18-A (NON-CONSUMER)									
SOUND RATING					"A"					
BALLAST TYPE				IN:	STANT STA	RT				
VOLTAGE TRANSIENTS				AN	SI C82.11-1	993				
INPUT/PROTECTION					FUSE					
OUTPUT/PROTECTION					-					
MIN. STATING TEMP.					-18°C (0°F)				
MAX. CASE TEMP.					70°C (158°F	-)				
TYPE "HL" APPROVAL		APPROVED FOR HAZARDOUS LOCATION								
ENERGY STAR 4.0					-	·		·		
APPROVALS/CLASS			UL	/cUL LISTE	D, CLASS F	P, 1 OUTDO	OR			
REMOTE MOUNTING		•			18 FT MAX					





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