

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

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

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

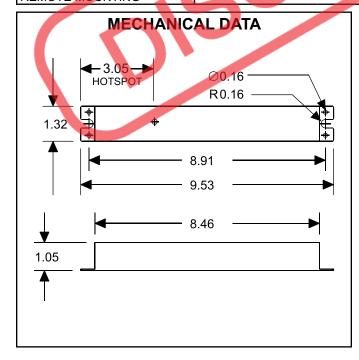
This Ballast Will Operate Following Lamps:

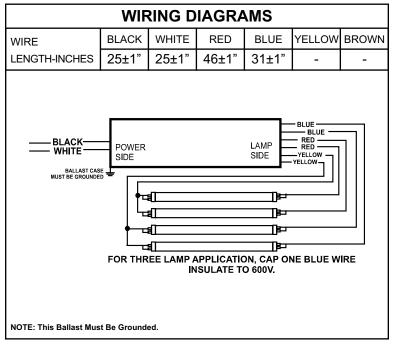
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F17T8, F25T8, F32T8/25, F32T8/28, F32T8/30, FBO28T8, FBO31T8, FBO32T8, F32T8 F32T8, F40T8

ELECTRICAL DATA

INPUT VOLT	120V ± 10%, 50/60Hz										
LAMP WATTS/TYPE	F25T8	F32T8/25	F32T8/28	F32T8/30	FBO28T8	FBO31T8	FBO32T8	F32T8	F40T8		
LAMPS OPERATED	3 (THREE)										
INPUT WATTS	62	68	70	75	70	76	81	81	98		
LINE CURRENT	0.53	0.57	0.59	0.63	0.59	0.64	0.68	0.68	0.82		
POWER FACTOR	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98		
BALLAST FACTOR	0.84	0.84	0.82	0.82	0.82	0.82	0.82	0.82	0.82		
BALLAST EFFICACY FACTOR	1.35	1.23	1.17	1.09	1.17	1.07	1.01	1.01	0.83		
THD	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤1 0%	≤ 10%	≤ 10%	≤ 10%		
CURRENT CREST FACTOR	≤ 1.7	≤ 1.7	≤ 1.7	≤1.7	≤ 1.7	≤ 1.7	≤ 1.7	≤ 1.7	≤ 1.7		
EMI/RFI COMPLIANCE	FCC PART 18-A (NON-CONSUMER)										
SOUND RATING					"A"						
BALLAST TYPE				IN:	STANT STA	RT					
VOLTAGE TRANSIENTS				AN:	SI C82.11-2	005					
INPUT/PROTECTION					FUSE						
OUTPUT/PROTECTION					-						
MIN. STATING TEMP.					-18°C (0°F)					
MAX. CASE TEMP.	90°C (194°F)										
TYPE "HL" APPROVAL	APPROVED FOR HAZARDOUS LOCATION										
ENERGY STAR 4.0					-						
APPROVALS/CLASS			UL	CUL LISTE	D. CLASS F	, 1 OUTDO	OR				
REMOTE MOUNTING	18 FT MAX.										







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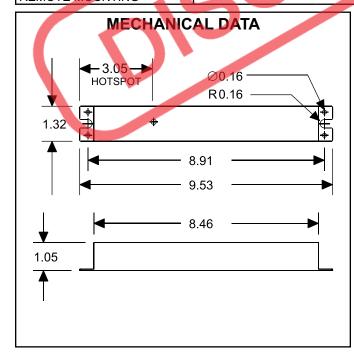
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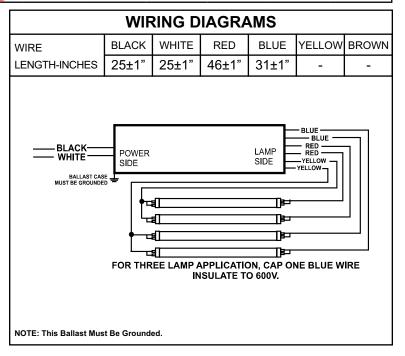
This Ballast Will Operate Following Lamps:

F17T8, F25T8, F32T8/25, F32T8/28, F32T8/30, FBO28T8, FBO31T8, FBO32T8, F32T8 F32T8, F40T8

ELECTRICAL DATA

INPUT VOLT	120V ± 10%, 50/60Hz										
LAMP WATTS/TYPE	F17T8	F25T8	F32T8/25	F32T8/28	F32T8/30	FBO28T8	FBO31T8	FBO32T8	F32T8		
LAMPS OPERATED	4 (FOUR)										
INPUT WATTS	54	76	82	84	90	84	94	98	98		
LINE CURRENT	0.46	0.64	0.69	0.71	0.76	0.71	0.79	0.82	0.82		
POWER FACTOR	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98		
BALLAST FACTOR	0.79	0.78	0.78	0.77	0.77	0.77	0.77	0.77	0.77		
BALLAST EFFICACY FACTOR	1.46	1.02	0.95	0.91	0.85	0.91	0.81	0.79	0.79		
THD	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤1 0%	≤ 10%	≤ 10%	≤ 10%		
CURRENT CREST FACTOR	≤ 1.7	≤ 1.7	≤ 1.7	≤1.7	≤ 1.7	≤ 1.7	≤ 1.7	≤ 1.7	≤ 1.7		
EMI/RFI COMPLIANCE	FCC PART 18-A (NON-CONSUMER)										
SOUND RATING					"A"						
BALLAST TYPE				IN:	STANT STA	RT					
VOLTAGE TRANSIENTS				AN	SI C82.11-2	005					
INPUT/PROTECTION					FUSE						
OUTPUT/PROTECTION					-						
MIN. STATING TEMP.		-18°C (0°F)									
MAX. CASE TEMP.	90°C (194°F)										
TYPE "HL" APPROVAL	APPROVED FOR HAZARDOUS LOCATION										
ENERGY STAR 4.0					-						
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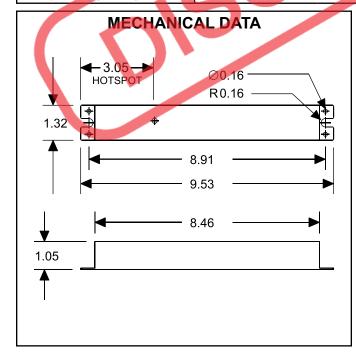
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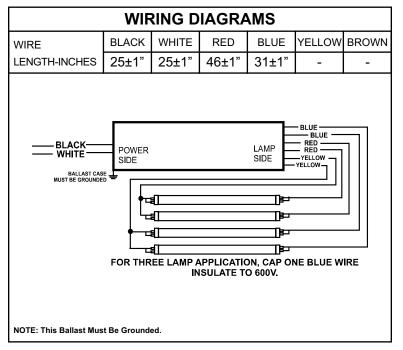
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ELECTRICAL DATA

INPUT VOLT	230V ± 10%, 50/60Hz										
LAMP WATTS/TYPE	F25T8	F32T8/25	F32T8/28	F32T8/30	FBO28T8	FBO31T8	FBO32T8	F32T8	F40T8		
LAMPS OPERATED	3 (THREE)										
INPUT WATTS	61	66	70	74	70	77	80	80	96		
LINE CURRENT	0.28	0.30	0.31	0.33	0.31	0.35	0.35	0.35	0.43		
POWER FACTOR	≥ 0.95	≥ 0.95	≥ 0.97	≥ 0.97	≥ 0.97	≥ 0.97	≥ 0.98	≥ 0.98	≥ 0.98		
BALLAST FACTOR	0.84	0.84	0.82	0.82	0.82	0.82	0.82	0.82	0.82		
BALLAST EFFICACY FACTOR	1.36	1.27	1.17	1.10	1.17	1.06	1.02	1.02	0.85		
THD	≤ 15%	≤ 15%	≤ 10%	≤ 10%	≤ 10%	≤1 0%	≤ 10%	≤ 10%	≤ 10%		
CURRENT CREST FACTOR	≤ 1.7	≤ 1.7	≤ 1.7	≤1.7	≤ 1.7	≤ 1.7	≤ 1.7	≤ 1.7	≤ 1.7		
EMI/RFI COMPLIANCE	FCC PART 18-A (NON-CONSUMER)										
SOUND RATING				_	"A"						
BALLAST TYPE				IN:	STANT STA	RT					
VOLTAGE TRANSIENTS				AN	SI C82.11-2	005					
INPUT/PROTECTION					FUSE						
OUTPUT/PROTECTION					-						
MIN. STATING TEMP.	-18°C (0°F)										
MAX. CASE TEMP.	90°C (194°F)										
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ENERGY STAR 4.0											
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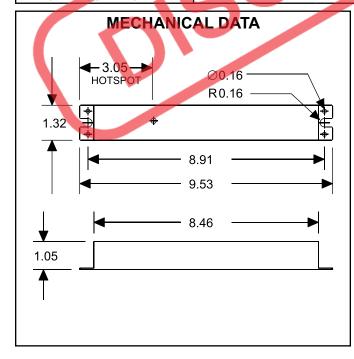
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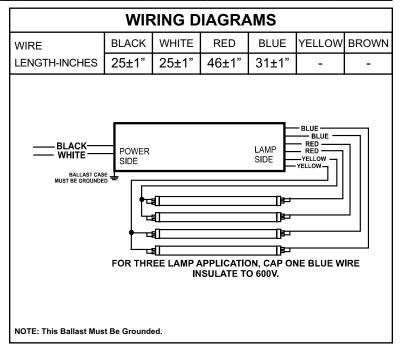
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ELECTRICAL DATA

INPUT VOLT	230V ± 10%, 50/60Hz										
LAMP WATTS/TYPE	F17T8	F25T8	F32T8/25	F32T8/28	F32T8/30	FBO28T8	FBO31T8	FBO32T8	F32T8		
LAMPS OPERATED	4 (FOUR)										
INPUT WATTS	52	74	81	84	89	84	92	96	96		
LINE CURRENT	0.23	0.33	0.36	0.38	0.39	0.37	0.41	0.43	0.43		
POWER FACTOR	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98		
BALLAST FACTOR	0.79	0.78	0.78	0.77	0.77	0.77	0.77	0.77	0.77		
BALLAST EFFICACY FACTOR	1.47	1.04	0.96	0.91	0.86	0.91	0.83	0.80	0.80		
THD	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤ 10%	≤1 0%	≤ 10%	≤ 10%	≤ 10%		
CURRENT CREST FACTOR	≤ 1.7	≤ 1.7	≤ 1.7	≤1.7	≤ 1.7	≤ 1.7	≤ 1.7	≤ 1.7	≤ 1.7		
EMI/RFI COMPLIANCE	FCC PART 18-A (NON-CONSUMER)										
SOUND RATING					"A"						
BALLAST TYPE				IN:	STANT STA	RT					
VOLTAGE TRANSIENTS				AN	SI C82.11-2	005					
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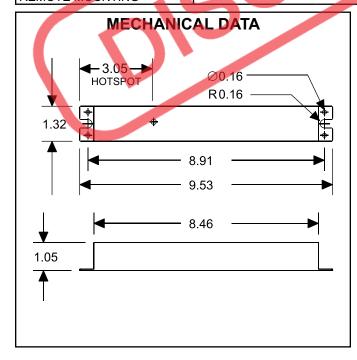
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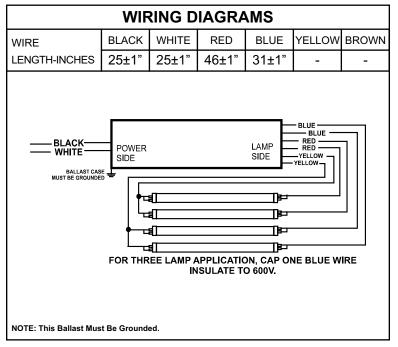
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ELECTRICAL DATA

INPUT VOLT	277V ± 10%, 50/60Hz										
LAMP WATTS/TYPE	F25T8	F32T8/25	F32T8/28	F32T8/30	FBO28T8	FBO31T8	FBO32T8	F32T8	F40T8		
LAMPS OPERATED	3 (THREE)										
INPUT WATTS	61	66	70	74	70	77	80	80	96		
LINE CURRENT	0.22	0.25	0.26	0.275	0.26	0.285	0.29	0.29	0.35		
POWER FACTOR	≥ 0.95	≥ 0.95	≥ 0.97	≥ 0.97	≥ 0.97	≥ 0.97	≥ 0.98	≥ 0.98	≥ 0.98		
BALLAST FACTOR	0.84	0.84	0.82	0.82	0.82	0.82	0.82	0.82	0.82		
BALLAST EFFICACY FACTOR	1.36	1.27	1.17	1.10	1.17	1.06	1.02	1.02	0.85		
THD	≤ 15%	≤ 15%	≤ 10%	≤ 10%	≤ 10%	≤1 0%	≤ 10%	≤ 10%	≤ 10%		
CURRENT CREST FACTOR	≤ 1.7	≤ 1.7	≤ 1.7	≤1.7	≤ 1.7	≤ 1.7	≤ 1.7	≤ 1.7	≤ 1.7		
EMI/RFI COMPLIANCE	FCC PART 18-A (NON-CONSUMER)										
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LAMP WATTS/TYPE	F17T8	F25T8	F32T8/25	F32T8/28	F32T8/30	FBO28T8	FBO31T8	FBO32T8	F32T8		
LAMPS OPERATED	4 (FOUR)										
INPUT WATTS	52	74	81	84	89	84	92	96	96		
LINE CURRENT	0.19	0.27	0.3	0.31	0.33	0.31	0.34	0.35	0.35		
POWER FACTOR	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98		
BALLAST FACTOR	0.79	0.78	0.78	0.77	0.77	0.77	0.77	0.77	0.77		
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