

APPLICATION and PERFORMANCE SPECIFICATION

Code: 80210

·Line Voltage:120-277V 50/60Hz

·Instant Start

·Parallel Lamp Operation

·Active Power Factor Correction

Lamp Type			Min. Start	Vin	Iin	Pin	ATHD	PF	CF	BF	BEF
Type	No.	Watts	Temp. (F/C)	(V)	(A)	(W)	≤%	≥	≤		
* F32T8	2	32	0/-18	120	0.46	56	10	0.98	1.7	0.89	1.59
FB32T8	2	32	0/-18	120	0.46	56	10	0.98	1.7	0.89	1.59
FB31T8	2	31	0/-18	120	0.44	52	10	0.98	1.7	0.89	1.71
FB28T8	2	28	0/-18	120	0.41	49	10	0.98	1.7	0.89	1.82
F32T8/ES/30	2	30	0/-18	120	0.44	51	10	0.98	1.7	0.89	1.75
F32T8/ES/28	2	28	0/-18	120	0.41	49	10	0.98	1.7	0.89	1.82
F32T8/ES/25	2	25	0/-18	120	0.39	46	10	0.98	1.7	0.89	1.93
F25T8	2	25	0/-18	120	0.36	42	10	0.98	1.7	0.89	2.12
F17T8	2	17	0/-18	120	0.25	28	10	0.98	1.7	0.91	3.25
F40T8	1	40	32/0	120	0.35	44	10	0.98	1.7	1.00	2.27
F32T8	1	32	0/-18	120	0.29	35	10	0.98	1.7	1.08	3.09
FB32T8	1	32	0/-18	120	0.29	35	10	0.98	1.7	1.08	3.09
FB31T8	1	31	0/-18	120	0.28	32	10	0.98	1.7	1.08	3.37
FB28T8	1	28	0/-18	120	0.25	30	10	0.98	1.7	1.08	3.60
F32T8/ES/30	1	30	0/-18	120	0.27	31	10	0.98	1.7	1.08	3.48
F32T8/ES/28	1	28	0/-18	120	0.25	30	10	0.98	1.7	1.08	3.60
F32T8/ES/25	1	25	0/-18	120	0.24	29	10	0.98	1.7	1.08	3.72
F25T8	1	25	0/-18	120	0.23	26	10	0.98	1.7	1.08	4.15
F17T8	1	17	0/-18	120	0.16	21	10	0.98	1.7	1.10	5.24
* F32T8	2	32	0/-18	277	0.20	55	10	0.97	1.7	0.89	1.60
FB32T8	2	32	0/-18	277	0.20	55	15	0.97	1.7	0.89	1.60
FB31T8	2	31	0/-18	277	0.19	51	15	0.97	1.7	0.89	1.75
FB28T8	2	28	0/-18	277	0.18	47	15	0.97	1.7	0.89	1.89
F32T8/ES/30	2	30	0/-18	277	0.19	51	15	0.97	1.7	0.89	1.75
F32T8/ES/28	2	28	0/-18	277	0.18	47	15	0.97	1.7	0.89	1.89
F32T8/ES/25	2	25	0/-18	277	0.17	45	15	0.97	1.7	0.89	1.98
F25T8	2	25	0/-18	277	0.16	41	15	0.97	1.7	0.89	2.17
F17T8	2	17	0/-18	277	0.11	28	15	0.97	1.7	0.91	3.25
F40T8	1	40	32/0	277	0.16	43	15	0.97	1.7	1.00	2.33
F32T8	1	32	0/-18	277	0.13	34	15	0.97	1.7	1.08	3.18
FB32T8	1	32	0/-18	277	0.13	34	15	0.97	1.7	1.08	3.18
FB31T8	1	31	0/-18	277	0.13	31	15	0.97	1.7	1.08	3.48
FB28T8	1	28	0/-18	277	0.11	29	15	0.97	1.7	1.08	3.72
F32T8/ES/30	1	30	0/-18	277	0.12	30	15	0.97	1.7	1.08	3.60
F32T8/ES/28	1	28	0/-18	277	0.11	29	15	0.97	1.7	1.08	3.72
F32T8/ES/25	1	25	0/-18	277	0.11	29	15	0.97	1.7	1.08	3.72
F25T8	1	25	0/-18	277	0.10	26	15	0.96	1.7	1.08	4.15
F17T8	1	17	0/-18	277	0.09	21	15	0.95	1.7	1.10	5.24

Note: The above data is tested at 60Hz.

The lamp with “*” is the tested lamp.

The ballast BLE (Ballast Lamp Efficiency) can meet DOE energy conservation standards 0.90 with tested lamp.

Application and Performance Specification Information Subject to Change without Notification.

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APPLICATION and PERFORMANCE SPECIFICATION**Performance**

- Meets ANSI Standard C82.11-2002
- Meets ANSI Standard C62.41-2002
- Meets FCC 18 Consumer limits
- Meets DOE energy conservation standards

Application

- Remote Mounting: 18 ft. max. Lead length, 18AWG
- Maximum Ambient Temperature: 131°F, 55°C
- Sound Rated: A
- Maximum case temperature Tc: 194°F, 90°C

Lead Length

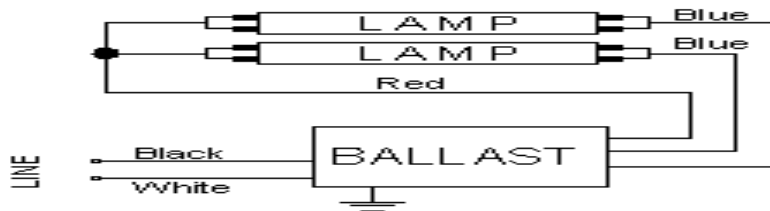
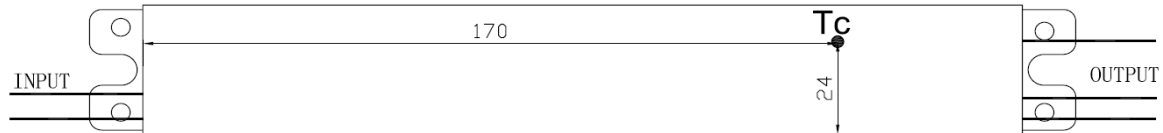
White, Black	25"(±1")
Red	46"(±1")
Blue	31"(±1")

Safety

- No PCB's,
- UL&cUL listed (Class P, Type 1 Outdoor)
- OCV 600V

Physical Parameters

Length	9.5"
Width	1.2"
Height	0.9"
Mounting	8.9"
Weight	0.7 lbs



Note: For one lamp application, cap any blue lead. Insulate to 600 volts.

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