

APPLICATION and PERFORMANCE SPECIFICATION

Code: 80210

· Line Voltage: 120-277V 50/60Hz

· Parallel Lamp Operation

· Instant Start

· 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.

JUN.30 2013 REV: A1

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

Safety

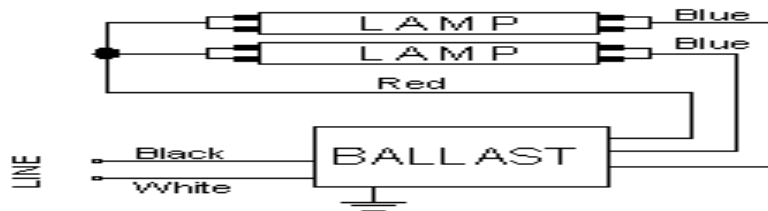
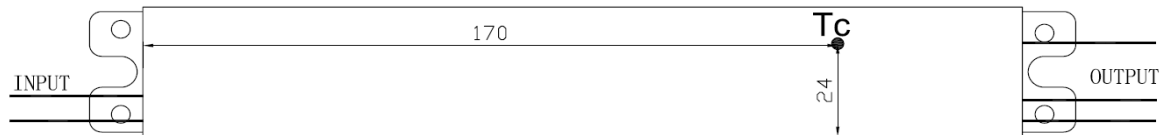
- No PCB's,
- UL&cUL listed (Class P, Type 1 Outdoor)
- OCV 600V

Physical Parameters

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

Lead Length

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



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