

TECHNICAL INFORMATION BULLETIN

ELECTRONIC LINEAR FLUORESCENT BALLAST

PROGRAM START T8

ORDERING INFORMATION

Order code: 57031
 Description: E232T8PS120-277/H/XTRM
 UPC: 69549570313
 Warranty: 3 years

GENERAL INFORMATION

Ballast type: Electronic
 Starting method: Program Start
 Lamp connection: Series
 Input voltage: 120-277V
 Input frequency: 50/60HZ
 Max. case temp.: 90 °C
 Status: Active
 Safety approval: 57031STD



SPECIFICATIONS AT 120V

Lamp type	Number of lamps	Rated lamp watts	Min. start temp. (°F / °C)	Input current (A)	Input power (ANSI watts)	Ballast factor	Max THD %	Power factor	Max. lamp current crest factor	B.E.F.
32W T8	2	32	-22/-30	0.62	75	1.20	10	0.99	1.7	1.60
32W T8	1	32	-22/-30	0.34	41	1.40	10	0.99	1.7	3.41
40W T8	2	40	-22/-30	0.76	91	0.85	10	0.99	1.7	0.93
36W T8	2	36	-22/-30	0.57	68	0.89	10	0.99	1.7	1.31
25W T8	2	25	-22/-30	0.48	57	0.92	10	0.99	1.7	1.61
25W T8	1	25	-22/-30	0.26	32	1.17	10	0.99	1.7	3.66
40W T8	1	40	-22/-30	0.43	51	1.00	10	0.99	1.7	1.96
40W TTL	2	40	-22/-30	0.65	78	0.91	10	0.99	1.7	1.17
40W TTL	1	40	-22/-30	0.34	41	1.02	10	0.99	1.7	2.49
28W TTL/ES	2	28	0/-18	0.64	77	0.91	10	0.97	1.7	1.18
28W TTL/ES	1	28	0/-18	0.32	38	1.02	10	0.96	1.7	2.68
36W T8	1	36	-22/-30	0.30	36	0.95	10	0.99	1.7	2.64
F30T8(ES)	2	30	60/15	0.56	68	1.20	10	0.99	1.7	1.76
F30T8(ES)	1	30	60/15	0.30	36	1.40	10	0.99	1.7	3.89
F28T8(ES)	2	28	60/15	0.52	62	1.20	10	0.99	1.7	1.94
F28T8(ES)	1	28	60/15	0.27	32	1.40	10	0.99	1.7	4.38
F25T8(ES)	2	25	60/15	0.48	57	1.20	10	0.99	1.7	2.11
F25T8(ES)	1	25	60/15	0.24	29	1.40	10	0.99	1.7	4.83

Note: Cannot be used with 25W twin tube long (TTL) lamps.

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SPECIFICATIONS AT 230V

Lamp type	Number of lamps	Rated lamp watts	Min. start temp. (°F / °C)	Input current (A)	Input power (ANSI watts)	Ballast factor	Max THD %	Power factor	Max. lamp current crest factor	B.E.F.
32W T8	2	32	-22/-30	0.33	75	1.30	10	0.99	1.7	1.73
32W T8	1	32	-22/-30	0.18	41	1.45	10	0.98	1.7	3.54
40W T8	2	40	-22/-30	0.40	91	0.87	10	0.99	1.7	0.96
36W T8	2	36	-22/-30	0.30	68	0.91	10	0.99	1.7	1.34
25W T8	2	25	-22/-30	0.25	57	0.95	10	0.99	1.7	1.67
25W T8	1	25	-22/-30	0.14	32	1.17	15	0.97	1.7	3.66
40W T8	2	40	-22/-30	0.34	78	0.91	10	0.99	1.7	1.17
40W TTL	1	40	-22/-30	0.18	41	1.02	15	0.98	1.7	2.49
40W TTL	2	28	0/-18	0.33	77	0.91	10	0.97	1.7	1.18
28W TTL/ES	1	28	0/-18	0.17	38	1.02	15	0.96	1.7	2.68
28W TTL/ES	1	40	-22/-30	0.23	51	1.00	10	0.99	1.7	1.96
36W T8	1	36	-22/-30	0.16	36	1.00	10	0.98	1.7	2.78
F30T8(ES)	2	30	60/15	0.29	68	1.30	10	0.99	1.7	1.91
F30T8(ES)	1	30	60/15	0.26	36	1.45	10	0.99	1.7	4.03
F28T8(ES)	2	28	60/15	0.27	62	1.30	10	0.99	1.7	2.10
F28T8(ES)	1	28	60/15	0.14	32	1.45	10	0.99	1.7	4.53
F25T8(ES)	2	25	60/15	0.25	57	1.30	10	0.99	1.7	2.28
F25T8(ES)	1	25	60/15	0.13	29	1.45	10	0.99	1.7	5.00

Note: Cannot be used with 25W twin tube long (TTL) lamps.

SPECIFICATIONS AT 277V

Lamp type	Number of lamps	Rated lamp watts	Min. start temp. (°F / °C)	Input current (A)	Input power (ANSI watts)	Ballast factor	Max THD %	Power factor	Max. lamp current crest factor	B.E.F.
32W T8	2	32	-22/-30	0.33	75	1.30	10	0.99	1.7	1.73
32W T8	1	32	-22/-30	0.18	41	1.45	10	0.98	1.7	3.54
40W T8	2	40	-22/-30	0.40	91	0.87	10	0.99	1.7	0.96
36W T8	2	36	-22/-30	0.30	68	0.91	10	0.99	1.7	1.34
25W T8	2	25	-22/-30	0.25	57	0.95	10	0.99	1.7	1.67
25W T8	1	25	-22/-30	0.14	32	1.17	15	0.97	1.7	3.66
40W T8	2	40	-22/-30	0.34	78	0.91	10	0.99	1.7	1.17
40W TTL	1	40	-22/-30	0.18	41	1.02	15	0.98	1.7	2.49
40W TTL	2	28	0/-18	0.33	77	0.91	10	0.97	1.7	1.18
28W TTL/ES	1	28	0/-18	0.17	38	1.02	15	0.96	1.7	2.68
28W TTL/ES	1	40	-22/-30	0.23	51	1.00	10	0.99	1.7	1.96
36W T8	1	36	-22/-30	0.16	36	1.00	10	0.98	1.7	2.78
F30T8(ES)	2	30	60/15	0.29	68	1.30	10	0.99	1.7	1.91
F30T8(ES)	1	30	60/15	0.26	36	1.45	10	0.99	1.7	4.03
F28T8(ES)	2	28	60/15	0.27	62	1.30	10	0.99	1.7	2.10
F28T8(ES)	1	28	60/15	0.14	32	1.45	10	0.99	1.7	4.53
F25T8(ES)	2	25	60/15	0.25	57	1.30	10	0.99	1.7	2.28
F25T8(ES)	1	25	60/15	0.13	29	1.45	10	0.99	1.7	5.00

Note: Cannot be used with 25W twin tube long (TTL) lamps.



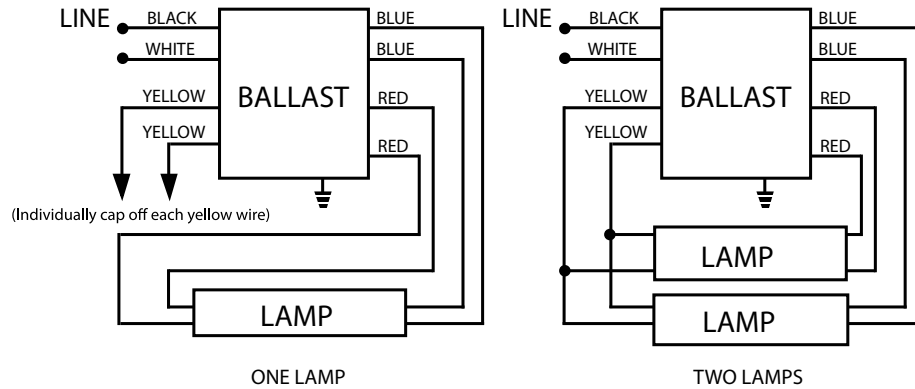
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WIRING DIAGRAM

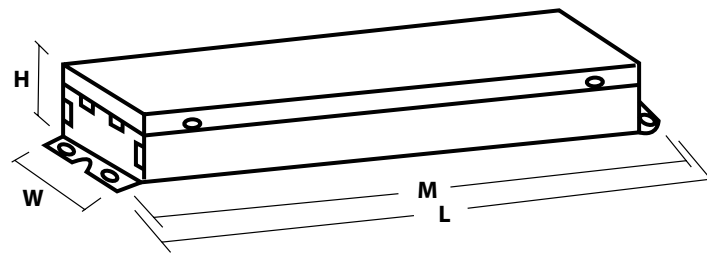


LEAD LENGTHS

Lead colour	in	cm
Black	18.8	48
White	18.8	48
Blue	30.9	78.5
Red	30.9	78.5
Yellow	46.4	118

BALLAST FEATURES

Length (L)	Width (W)	Height (H)	Mounting (M)
27.4 cm	4.3 cm	2.9 cm	26.3 cm
10.8 in	1.7 in	1.14 in	10.4 in



WARRANTY:

Ballast warranty of 5 years for electronic ballast 75 °C. Ballast warranty of 3 years for electronic ballast 90 °C. For more information visit our website.

Data is based upon tests performed in a controlled environment and representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.



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