

TECHNICAL INFORMATION BULLETIN ELECTRONIC CFL BALLAST PROGRAM START

ORDERING INFORMATION

Order code: 31276
Description: E21338-120-277-TDE FLX
Internal code: E21338-120-277-TDE
UPC: 69549312760

GENERAL INFORMATION

Ballast type: Electronic
Starting method: Program Start
Lamp connection: Series
Input voltage: 120-277V
Input frequency: 50/60HZ
Status: Active
Safety approval: 31276STD



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.
13W TT	2	13	-4/-20	0.28	34	0.98	10	0.99	1.7	2.88
18W TTT	2	18	-4/-20	0.34	40	1.10	10	0.99	1.7	2.75
18W DTT	2	18	-4/-20	0.30	35	0.95	10	0.99	1.7	2.71
21W 2D	2	21	-4/-20	0.34	40	0.91	10	0.99	1.7	2.28
16W 2D	2	16	-4/-20	0.31	37	1.00	10	0.99	1.7	2.70
13W TT	1	13	-4/-20	0.15	18	1.06	10	0.99	1.7	5.89
18W TTT	1	18	-4/-20	0.17	21	1.05	10	0.99	1.7	5.00
18W DTT	1	18	-4/-20	0.16	19	1.00	10	0.99	1.7	5.26
21W 2D	1	21	-4/-20	0.17	20	0.90	10	0.99	1.7	4.50

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.
13W TT	2	13	-4/-20	0.28	34	0.98	10	0.99	1.7	2.88
18W TTT	2	18	-4/-20	0.17	40	1.10	10	0.99	1.7	2.75
18W DTT	2	18	-4/-20	0.16	35	0.95	10	0.99	1.7	2.71
21W 2D	2	21	-4/-20	0.17	40	0.91	10	0.99	1.7	2.28
16W 2D	2	16	-4/-20	0.16	37	1.00	10	0.99	1.7	2.70
13W TT	1	13	-4/-20	0.15	18	1.06	10	0.99	1.7	5.89
18W TTT	1	18	-4/-20	0.09	21	1.05	10	0.99	1.7	5.00
18W DTT	1	18	-4/-20	0.08	19	1.00	10	0.99	1.7	5.26
21W 2D	1	21	-4/-20	0.09	20	0.90	10	0.99	1.7	4.50

SPECIFICATIONS AT 277V

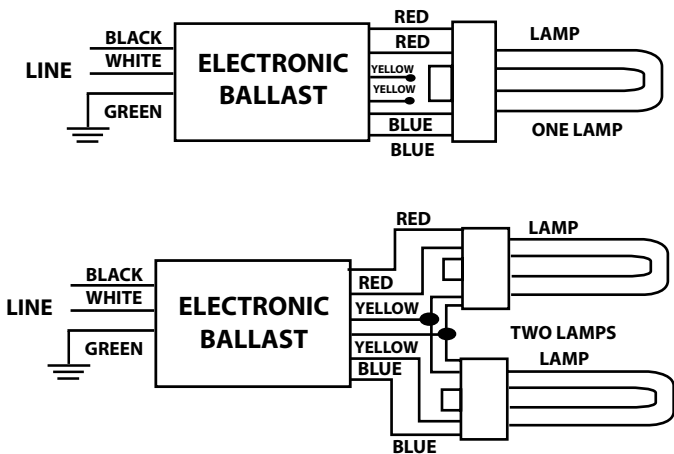
Lamp type	Number of lamps	Rated lamp watts	Min. start temp. (°F / °C)	Input current (A)	Input power (ANSI watts)	Ballast factor	Max THD %	Power factor	Max. lamp current crest factor	B.E.F.
13W TT	2	13	-4/-20	0.12	34	0.98	15	0.97	1.7	2.88
18W TTT	2	18	-4/-20	0.14	40	1.10	10	0.99	1.7	2.75
18W DTT	2	18	-4/-20	0.13	35	0.95	10	0.99	1.7	2.71
21W 2D	2	21	-4/-20	0.14	40	0.91	10	0.99	1.7	2.28
16W 2D	2	16	-4/-20	0.13	37	1.00	10	0.99	1.7	2.70
13W TT	1	13	-4/-20	0.07	18	1.06	15	0.96	1.7	5.89
18W TTT	1	18	-4/-20	0.08	21	1.05	10	0.99	1.7	5.00
18W DTT	1	18	-4/-20	0.07	19	1.00	10	0.99	1.7	5.26
21W 2D	1	21	-4/-20	0.07	20	0.90	10	0.99	1.7	4.50

TECHNICAL INFORMATION BULLETIN

ELECTRONIC CFL BALLAST

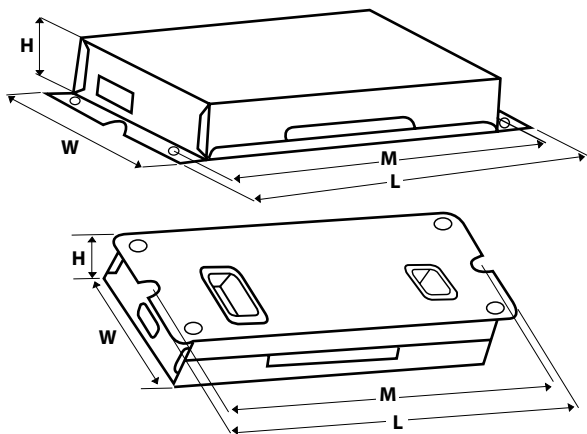
PROGRAM START

WIRING DIAGRAM



BALLAST FEATURES

Length (L)	Width (W)	Height (H)	Mounting (M)
12.5 cm	6.4 cm	2.9 cm	11.4 cm
4.9 in	2.5 in	1.14 in	4.48in



WARRANTY:
 Ballast warranty of 5 years for electronic ballast 70 °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.