

TECHNICAL INFORMATION BULLETIN ELECTRONIC LINEAR FLUORESCENT BALLAST INSTANT START T12

ORDERING INFORMATION

Order code: 10301
Description: E296T12IS120/N
UPC: 69549103016
Warranty: 5 years

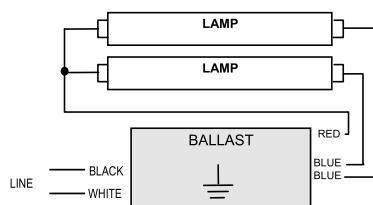
GENERAL INFORMATION

Ballast type: Electronic
Starting method: Active Instant Start
Lamp connection: Parallel
Input voltage: 120V
Input frequency: 50/60HZ
Max. case temp.: 75 °C
Status: Active
Safety approval: 10301STD



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.
F96T12	2	75	0/-18	1.12	133	0.86	10	0.99	<1.7	0.65
F96T12	1	75	0/-18	0.70	83	1.02	10	0.99	<1.7	1.23
F96T12/ES	2	60	0/-18	0.95	113	0.88	10	0.99	<1.7	0.78
F96T12/ES	1	60	0/-18	0.60	71	1.05	10	0.99	<1.7	1.48
F84T12	2	70	0/-18	1.04	122	0.88	10	0.98	<1.7	0.72
F84T12	1	70	0/-18	0.64	75	1.05	10	0.98	<1.7	1.40
F72T12	2	57	0/-18	0.92	107	0.90	12	0.97	<1.7	0.84
F72T12	1	57	0/-18	0.57	66	1.04	12	0.97	<1.7	1.58
F64T12	2	52	0/-18	0.78	93	0.90	12	0.99	<1.7	0.97
F64T12	1	52	0/-18	0.51	60	1.03	12	0.98	<1.7	1.72
F60T12	2	50	0/-18	0.72	85	0.90	12	0.99	<1.7	1.06
F60T12	1	50	0/-18	0.47	56	1.02	12	0.99	<1.7	1.82
F48T12	2	40	0/-18	0.67	76	0.92	15	0.95	<1.7	1.21
F48T12/ES	2	30	0/-18	0.56	64	0.92	15	0.95	<1.7	1.44

WIRING DIAGRAM



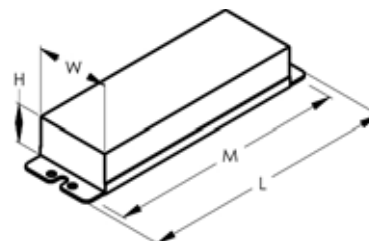
Two Lamps Application
(Cap off 1 Blue Lead for 1 lamp application)

LEAD LENGTHS

Lead colour	in	cm
Black	25	63.5
White	25	63.5
Blue	66	167.6
Red	60	152.4

BALLAST FEATURES

Length (L)	Width (W)	Height (H)	Mounting (M)
24 cm	4.57 cm	3.48 cm	22.61 cm
9.45 in	1.80 in	1.37 in	8.90 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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