

# TECHNICAL INFORMATION BULLETIN

## ELECTRONIC LINEAR FLUORESCENT BALLAST

### INSTANT START T8

#### ORDERING INFORMATION

Order code: 61121  
 Description: E296T8IS120/N/AS  
 UPC: 69549611214  
 Warranty: 5 years

#### GENERAL INFORMATION

Ballast type: Electronic  
 Starting method: Active Instant Start  
 Lamp connection: Parallel  
 Input voltage: 120 V  
 Input frequency: 60HZ  
 Max. case temp.: 75 °C  
 Status: Active  
 Safety approval: 16358STD



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.
F96T8	2	59	32/0	0.93	110	0.88	10	0.98	1.7	0.80
F96T8	1	59	32/0	0.57	68	1.09	10	0.95	1.7	1.60
F40T8	1	40	32/0	0.40	46	1.05	30	0.98	1.7	2.28
F40T8	2	40	32/0	0.60	71	0.85	10	0.98	1.7	1.20
F72T8	1	46	32/0	0.44	52	1.20	10	0.95	1.7	2.31
F72T8	2	46	32/0	0.74	88	1.05	10	0.98	1.7	1.19
F96T8/ES	1	51	32/0	0.49	59	1.10	20	0.95	1.7	1.86
F96T8/ES	2	51	32/0	0.81	96	1.00	20	0.98	1.7	1.04
F96T8/ES	1	54	32/0	0.47	57	1.10	20	0.95	1.7	1.93
F96T8/ES	2	54	32/0	0.77	93	0.87	10	0.98	1.7	1.94
F96T8/ES	1	57	32/0	0.60	68	1.10	10	0.98	1.7	1.62
F96T8/ES	2	57	32/0	0.90	106	0.90	10	0.98	1.7	0.85
F96T8/HO	1	86	32/0	0.77	92	1.05	10	0.98	1.7	1.14

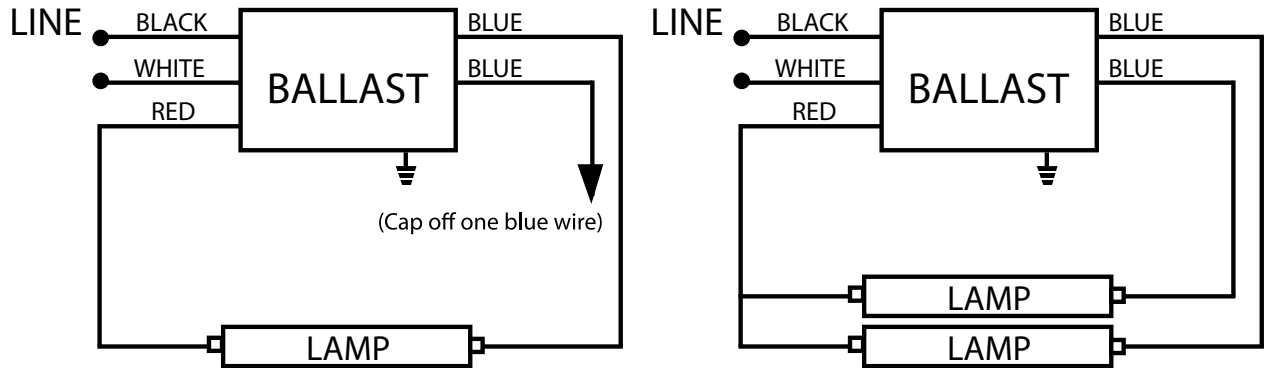


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#### WIRING DIAGRAM

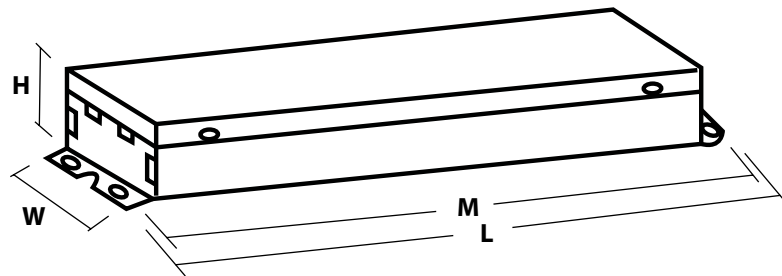


#### LEAD LENGTHS

Lead colour	in	cm
Black	25	63.5
White	25	63.5
Blue	46	116.84
Red	79	200.66

#### BALLAST FEATURES

Length (L)	Width (W)	Height (H)	Mounting (M)
24.1 cm	3.3 cm	2.5 cm	22.6 cm
9.5 in	1.3 in	1.0 in	8.9 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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