

# TECHNICAL INFORMATION BULLETIN

## ELECTRONIC LINEAR FLUORESCENT BALLAST

### INSTANT START T8

#### ORDERING INFORMATION

Order code: 56602  
 Description: E432T8IS120/L/BULK  
 UPC: 69549566026  
 Warranty: 5 years

#### GENERAL INFORMATION

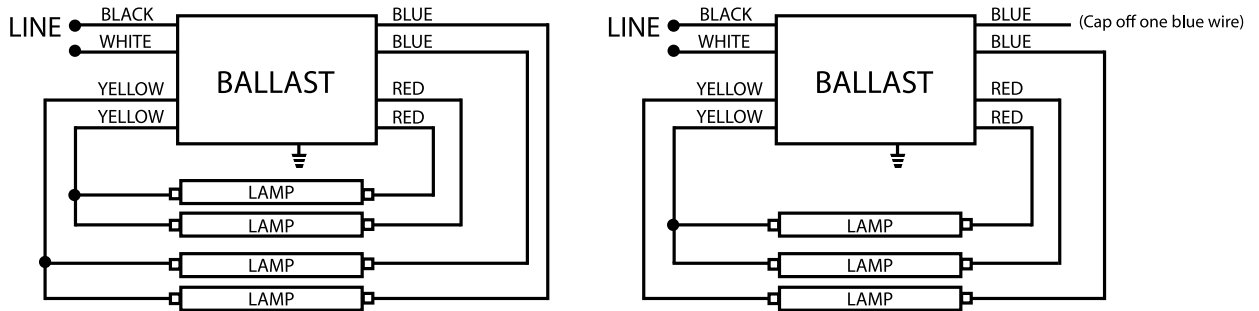
Ballast type: Electronic  
 Starting method: Active Instant Start  
 Lamp connection: Parallel  
 Input voltage: 120V  
 Input frequency: 60HZ  
 Max. case temp.: 75 °C  
 Status: Active  
 Safety approval: 56602STD



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.
F32T8	4	32	0/-18	0.81	96	0.77	10	0.99	1.7	0.80
F32T8	3	32	0/-18	0.67	80	0.84	10	0.99	1.7	1.05
F25T8	4	25	0/-18	0.63	75	0.75	10	0.99	1.7	1.00
F25T8	3	25	0/-18	0.52	62	0.81	10	0.99	1.7	1.31
F25T8ES	4	25	32/0	0.65	77	0.77	10	0.99	1.7	1.00
F25T8ES	3	25	32/0	0.52	62	0.84	10	0.99	1.7	1.35
F17T8	4	17	0/-18	0.44	53	0.84	10	0.99	1.7	1.58
F17T8	3	17	0/-18	0.37	45	0.90	10	0.99	1.7	2.00
F40T8	3	40	32/0	0.81	97	0.76	10	0.99	1.7	0.78
F30T8ES	4	30	32/0	0.76	90	0.77	10	0.99	1.7	0.86
F30T8ES	3	30	32/0	0.63	75	0.84	10	0.99	1.7	1.12
F28T8ES	4	28	32/0	0.71	84	0.77	10	0.99	1.7	0.92
F28T8ES	3	28	32/0	0.58	69	0.84	10	0.99	1.7	1.22

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### WIRING DIAGRAM

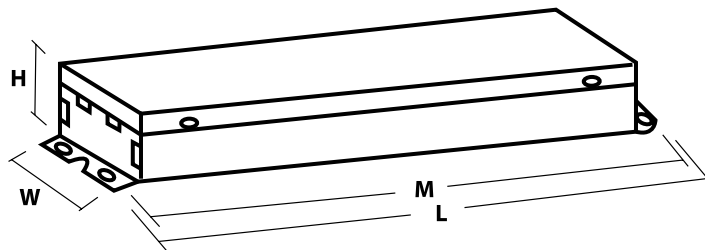


### LEAD LENGTHS

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)
24.1 cm	4.3 cm	2.9 cm	22.6 cm
9.5 in	1.7 in	1.14 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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