

## TECHNICAL INFORMATION BULLETIN ELECTRONIC SIGN BALLAST INSTANT START

### ORDERING INFORMATION

Order code: 61015  
Description: ESB/12/216/UV/STD  
UPC: 69549610156  
Warranty: 3 years

### GENERAL INFORMATION

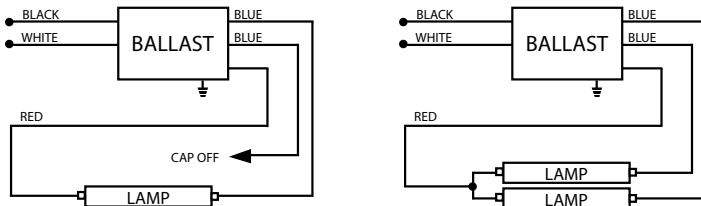
Ballast type: Electronic Plastic Sign  
Starting method: Instant Start  
Lamp connection: Parallel  
Input voltage: 120-277 V  
Input frequency: 50/60 HZ  
Max. Case Temp: 90 °C  
OCV: 800 V  
Safety approval: 61015



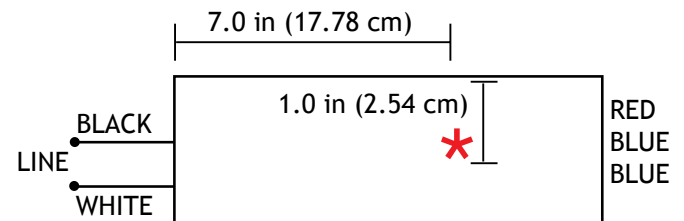
Lamp type	Number of lamps		Lamp footage		Volts (V)	Min. start temp (°F / °C)	Max. input current (A)	Max. input power (W)	Max THD %	Power factor
	Min.	Max.	Min.	Max.						
T12/HO	1	2	2'	16'	120	-20/-29	1.20	131	10	0.90
					277		0.50	132		
T8/HO	1	2	2'	12'	120	-20/-29	1.10	122	10	0.90
					277		0.45	121		

Ballast operates one or two T12HO lamps up to 8 feet long with total lamp length between 2 and 16 feet.  
Ballast operates one or two T8HO lamps up to 6 feet long with total lamp length between 4 and 12 feet.

### WIRING DIAGRAM



### HOT SPOT LOCATION

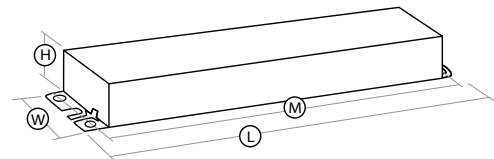


### LEAD LENGTHS

Lead colour	in.	cm
Black	24	61.0
White	24	61.0
Blue	120	304.8
Red	120	304.8

### BALLAST FEATURES

Length (L)	Width (W)	Height (H)	Mounting (M)
24.13 cm	6.00 cm	4.32 cm	22.61 cm
9.50 in	2.36 in	1.70 in	8.90 in



### 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.



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