

TECHNICAL INFORMATION BULLETIN ELECTRONIC SIGN BALLAST INSTANT START

ORDERING INFORMATION

Order code: 61016
Description: ESB/13/432/UV/STD
UPC: 69549610163
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: 61016

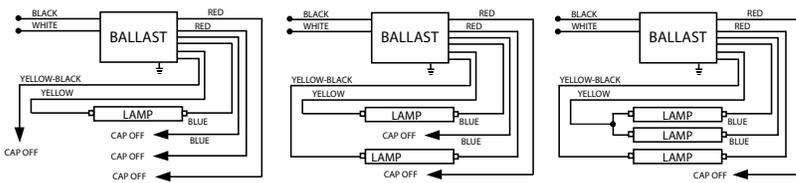


This lighting equipment complies with Canadian standard ICES-005; for use in commercial applications.

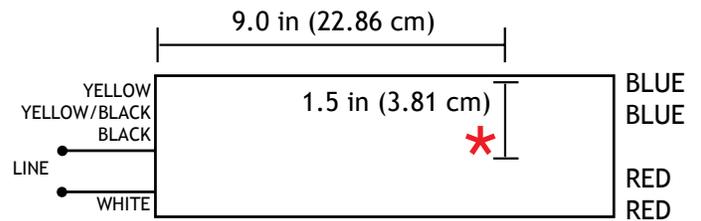
Lamp type	Number of lamps		Lamp footage		Volts (V)	Min. start temp (F° / °C)	Max. input current (A)	Max. input power (W)	Max THD %	Power factor
	Min.	Max.	Min.	Max.						
T12/HO	1	3	4'	32'	120	-20/-29	2.40	267	10	0.90
					277		1.00			
T8/HO	1	3	4'	24'	120	-20/-29	2.20	244	10	0.90
					277		0.90	242		

Ballast operates one, two, three of four T12HO lamps up to 8 feet long with total lamp length between 4 and 32 feet.
Ballast operates one, two, three of four T8HO lamps up to 6 feet long with total lamp length between 4 and 24 feet.

WIRING DIAGRAM



HOT SPOT LOCATION

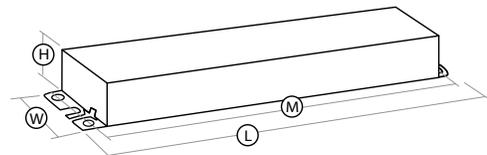


LEAD LENGTHS

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

BALLAST FEATURES

Length (L)	Width (W)	Height (H)	Mounting (M)
29.59 cm	8.00 cm	4.70 cm	27.94 cm
11.65 in	3.15 in	1.85 in	11.00 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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