

Sign Ballast Footage Chart

ELECTRONIC SIGN BALLASTS																								
No. of Lamps Per Ballasts	TOTAL FOOTAGE FOR T12HO & T8HO LAMPS																							
	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48
1-2	ESB-216-12 (Up to 8' Lamps)																							
	ESB-216-12 (Up to 6' Lamps)																							
1-4	ESB-432-14 (Up to 8' Lamps)																							
	ESB-432-14 (Up to 6' Lamps)																							
4-6	ESB-848-46 (Up to 8' Lamps)																							
	ESB-848-46 (Up to 6' Lamps)																							
1-4	ESB-1040-14 (Up to 10' Lamps)																							
	ESB-1040-14 (Up to 8' Lamps)																							

PLASTIC SIGN BALLAST LEAD LENGTHS (INCHES)				
CATALOG NUMBER	WHITE	BLACK	BLUES	REDS
SIGNA ELECTRONIC SIGN BALLASTS - T8 & T12 HIGH OUTPUT LAMPS - 108-35 Volts - 50-60 Hz				
SIX LAMP BALLASTS				
ESB216-12	24	24	120	120
ESB432-14	24	24	120	120
ESB848-46	24	24	120	120
ESB1040-46	24	24	120	120

Note: Maximum volts above ground, any lead 590 volts.

ELECTRONIC SIGN BALLASTS

- Instant start for maximum energy savings
- Simplified wiring for fewer connections
- Universal input voltage
- Parallel Lamp Operation

SIGNA® ELECTRONIC SIGN BALLASTS

PLASTIC SIGN BALLAST LEAD LENGTHS (INCHES)								
CATALOG NUMBER	TOTAL LAMP FOOTAGE	START TEMP (°F)	INPUT VOLTAGE	MAX. INPUT VOLTAGE	MAX. LINE CURRENT (A)	WIRING DIAGRAM	DIMENSION CHART REF.	WEIGHT (LBS.)
T12HO UP TO 8' IN LENGTH OR T8HO UP TO 6' IN LENGTH - 120 to 277 Volts - 50/60 Hz								
ONE TO TWO LAMP BALLASTS								
ESB216-12	2' min. – 16' max.	-20	120	134	1.12	1	1	4.2
			277	130	0.47			
ONE, TWO, THREE OR FOUR LAMP BALLASTS								
ESB432-14	4' min. – 32' max.	-20	120	280	2.34	2	2	7.4
			277	274	0.99			
FOUR, FIVE OR SIX LAMP BALLASTS								
ESB848-46	8' min. – 48' max.	-20	120	408	3.41	3	3	9.7
			277	395	1.47			
T12HO UP TO 10' IN LENGTH OR T8HO UP TO 8' IN LENGTH - 120 to 277 Volts - 50/60 Hz								
ONE, TWO, THREE OR FOUR LAMP BALLASTS								
ESB1040-14	10' min. – 40' max.	-20	120	341	2.85	2	3	10
			277	331	1.25			

Consult www.signasign.com for complete specification information

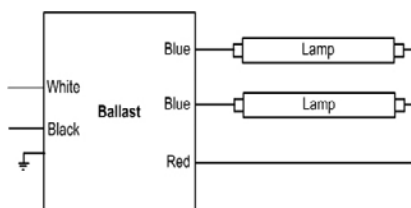


Diagram 1

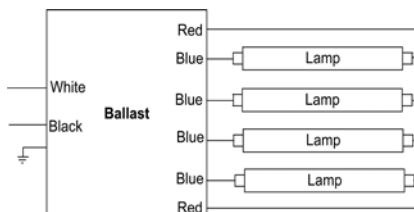


Diagram 2

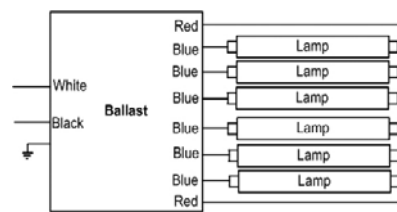
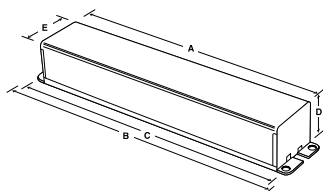


Diagram 3



ELECTRONIC SIGN BALLASTS DIMENSION CHART - STANDARD CASE (INCHES)

Ref. #	A	B	C	D	E
1	10 ^{37/64}	11 ^{45/64}	11 ^{9/64}	1 ^{3/4}	3 ^{3/16}
2	13 ^{3/16}	14 ^{5/16}	13 ^{3/4}	2 ^{43/64}	3 ^{3/16}
3	15 ^{9/16}	16 ^{11/16}	16 ^{1/8}	2 ^{43/64}	3 ^{3/16}

Diagrams Notes:

When Operating less than the maximum number of lamps, insulate unused blue leads.

SIGNA WIRE BLOCK

For use converting magnetic ballast installations to electronic systems.

CATALOG NUMBER	MAGNETIC BALLASTS	NUMBER OF LAMPS OPERATED	FOR USE WITH:
WB66	6 Lamps	6 Lamps	ESB848-46
WB65	6 Lamps	5 Lamps	ESB848-46
WB64	6 Lamps	4 Lamps	ESB848-46
WB44	4 Lamps	4 Lamps	ESB432-14 / ESB1040-14
WBEXT – 24" wiring harness for extending magnetic ballast leads.			

PHYSICAL PROPERTIES	
LENGTH	6.00 in (152.4 mm)
WIDTH	3.00 in (76.2 mm)
HEIGHT	0.75 in (19.05 mm)
WEIGHT	0.06 lbs.