

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

Catalog Number	Total Lamp Footage	Start Temp (°F)	Input Voltage	Max. Input Watts	Max. Line Current (A)	Wiring Diagram	Dimen. 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	10	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	11	2	7.4
			277	274	0.99			

FOUR, FIVE OR SIX LAMP BALLASTS

ESB848-46	8' min. - 48' max.	-20	120	408	3.41	12	3	9.7
			277	395	1.47			

T12HO UP TO 8' 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	11	3	10
			277	331	1.25			

Consult www.signsign.com for complete specification information

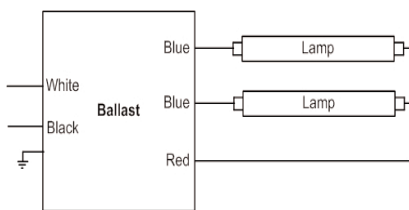


Diagram 10

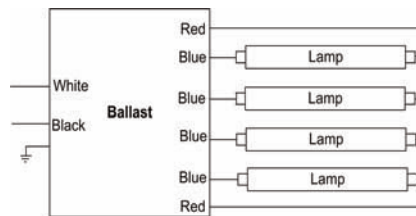


Diagram 11

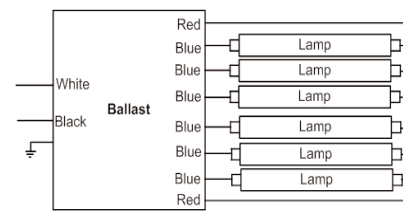
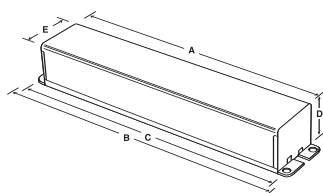


Diagram 12



**ELECTRONIC SIGN BALLASTS
DIMENSION CHART - STANDARD CASE (INCHES)**

Ref. #	A	B	C	D	E
1	10 ^{37/64} "	11 ^{45/64} "	11 ^{5/64} "	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.