

HIGH OUTPUT BALLASTS



- Provide ultra-reliable low-temperature starting (as low as -20°F)
- Support 1 to 6 lamps
- Ideal for rugged outdoor sign cabinet applications
- Class P thermally protected

STANDARD HIGH OUTPUT SIGN BALLASTS

Catalog Number	Total Lamp Footage	Start Temp (°F)	Max. Line Cur.	Max. Input Watts	Open Circuit Volt.	Wiring Diagram	Dimen. Chart Ref.	Weight (lbs.)
PLASTIC SIGN BALLASTS - HIGH OUTPUT 800mA RS LAMPS - 120 Volts - 60 Hz								

TWO LAMP BALLASTS

USB-0412-12	4' min. - 12' max.	-20	1.35	160	500	1a, 2a	1	8
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FOUR LAMP BALLASTS

USB-0816-14	8' min. - 16' max.	-20	1.90	220	590	4a, 6a, 9, 1b	2	12
USB-1024-14	10' min. - 24' max.	-20	2.70	325	720	4a, 6a, 9, 1b	3	14
USB-1632-24	16' min. - 32' max.	-20	3.50	420	950	4a, 6a, 9	4	16

SIX LAMP BALLASTS

USB-2036-46	20' min. - 36' max.	-20	4.00	480	600	5a, 7, 7a	4	18
USB-2048-46	20' min. - 48' max.	-20	5.00	600	720	5a, 7, 7a	4	18

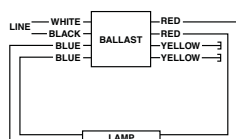


Diagram 1a

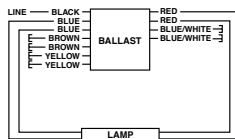


Diagram 1b

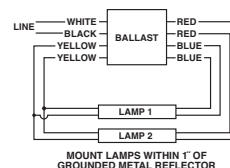


Diagram 2a

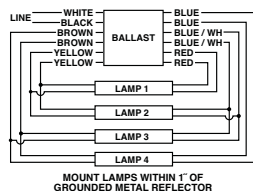


Diagram 4a

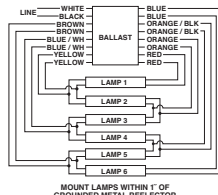


Diagram 5a

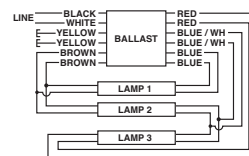


Diagram 6a

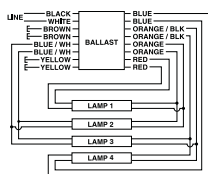


Diagram 7

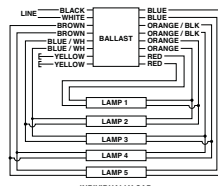


Diagram 7a

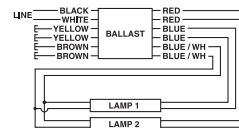
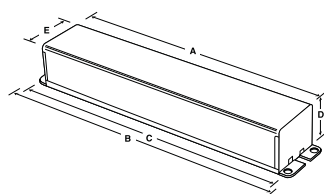


Diagram 9



PLASTIC SIGN FLUORESCENT 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	10 37/64"	11 45/64"	11 9/64"	2 43/64"	3 3/16"
3	13 3/16"	14 5/16"	13 3/4"	2 43/64"	3 3/16"
4	15 3/16"	16 11/16"	16 1/8"	2 43/64"	3 3/16"

Diagrams Notes:

Note 1: When operating a two-lamp ballast on one lamp insulate each yellow lead.

Note 3: When operating a four-lamp ballast on three lamps insulate each yellow blue/white, and brown lead.