



# Signa™ MSB-3 Plastic Sign Fluorescent Ballasts



You don't need a warehouse full of inventory to service your ballast requirements! Universal Lighting Technologies brings you the new Signa™ MSB-3 fluorescent sign ballasts, which replace more than 100 conventional ballasts with just three models. Stock just three ballasts for any sign repair or fabrication. From 1 to 6 lamps, 2 to 48 feet in total length, the Signa™ MSB-3 has it covered!

Now you can easily put your signs back in business on the first service call 100% of the time! No more waiting for the right ballast for the job. The Signa™ MSB-3 puts it right in your hands. Reduce downtime for your customers, slash your ballast inventory and light up your bottom line!

## Features and Benefits

- Minimize inventory. Only 3 ballasts to order and stock; operate 1–6 lamps, 2–48 feet in total length.
- Full three-year warranty. Date coding stamped clearly on ballast primary lead.
- Ballasts are UL-listed and CSA-approved.
- Packaged individually in strong, durable cartons to protect your investments.
- Low-watt-loss steel lamination and all-copper coils assure optimum performance. This translates into cooler, more efficient operation and longer life.
- Superior fill material coats all components and fills all voids to dissipate heat for cooler operation, longer life.
- Grommet seals eliminate wicking of moisture through lead openings.
- Capacitor for power factor correction contains no PCBs.
- Integral mounting brackets.

### SIGN BALLASTS FOOTAGE CHART

No. Of Lamps Per Ballast	TOTAL LAMP FOOTAGE REQUIRED (2-48 feet)																																					
	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48														
1-6	<b>MSB-218-816</b>																																					
						<b>MSB-1232-816</b>																																
					<b>MSB-1048-816</b>																																	





# SIGNA™ MSB-3 PLASTIC SIGN FLUORESCENT BALLASTS

- 3 ballasts replace 100-ballast inventory
- Cover most applications (1–6 lamps, 2–48 ft.)
- Portable
- Low-watt-loss steel lamination and all-copper coils for high performance
- Ideal for sign maintenance
- UL Class P thermally protected, Type 2 Outdoor, HL

### DIMENSION CHART

Standard Case (Inches)					
	Case Length	Overall Length	Mounting Length	Height	Width
1	13 3/16	14 5/16	13 3/4	2 49/64	3 3/16
2	15 9/16	16 11/16	16 1/8	2 49/64	3 3/16

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

#### SIX LAMP BALLASTS

MSB-218-816	2' min. - 18' max.	-20	2.00	240	625	3, 4, 5, 6, 7, 8	1	15
MSB-1232-816	12' min. - 32' max.	-20	3.50	410	970	3, 4, 5, 6, 7, 8	2	16
MSB-1048-816	10' min. - 48' max.	-20	4.80	570	800	1, 2, 3, 4, 7, 8	2	18

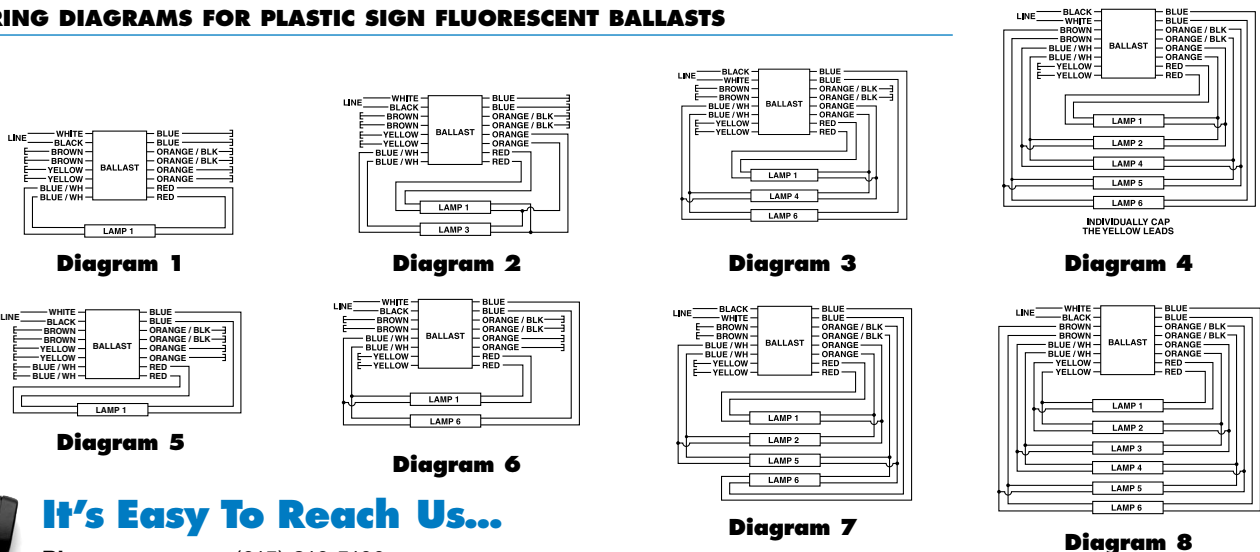
Catalog Number	Lead Lengths (Inches)								
	White	Black	Blues	Reds	Yellows	Browns	Oranges	Orange Blacks	Blue Whites

### MSB - PLASTIC SIGN FLUORESCENT BALLASTS - HIGH OUTPUT 800mA RS LAMPS - 120 Volts - 60 Hz

#### SIX LAMP BALLASTS

MSB-218-816	24	24	60	60	60	60	60	60	60
MSB-1232-816	24	24	80	60	60	80	60	60	72
MSB-1048-816	24	24	80	80	70	50	60	60	50

### WIRING DIAGRAMS FOR PLASTIC SIGN FLUORESCENT BALLASTS



### It's Easy To Reach Us...

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For Technical Engineering Services (TES), application support and warranty information, call 1-800-BALLAST.

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MSB0103R