



The model 824 family is a medium profile, multi-flash strobe light which can be changed by the customer from double flash to quad flash operation. It features universal mounting, full size 360° Lexan® lens, hi-efficiency regulated solid state power supply, and heavy duty xenon strobe lamp. DC units have polarity protection and built-in filters to protect against radio interference and spike voltages. AC units are designed to withstand multiple line transient spikes of 6000V without damage. The model 824 strobe features a fully potted, Lexan®, multi-purpose mounting base which is vibration and water resistant, and has a plug-in strobe lamp and photocell which can be activated to automatically reduce intensity during nighttime operation. All AC models are UL listed.

## ORDERING INFORMATION

Please specify lens color and the model number desired. Colors available are AMBER, BLUE, CLEAR, GREEN, or RED.

Model No.	Description	Voltage
824-110	AC Strobe	120VAC
824LC-110	AC Strobe with Cord	120VAC
824-240	AC Strobe	240VAC
824-1228	DC Strobe	12 thru 28VDC
824MB-1228	DC Strobe with Magnetic Mount & Coil Cord	12 thru 28VDC
824MBSC-1228	DC Strobe with Magnetic Mount & 10' Straight Cord	12 thru 28VDC

Custom flash rates and flash patterns available on special order.

### Options

BKT	Mounting Bracket
/LBO-MAXI	Lens Blackout Segment 180°
800/1250-DC	Clear Lens Dust Cover (see page A9)
G800	Heavy Duty Guard
TBO-MAXI	Maxi Top Lens Blackout
800-FLG	Flange Mounting Ring
824-110-BASE	120VAC Power Supply
824-240-BASE	208/240VAC Power Supply
824-1228-BASE	12-28VDC Power Supply
824LC-BASE	120VAC Power Supply with Cord
824MB-BASE	12-28VDC Power Supply with Magnetic Mount & Coil Cord
824MBSC-BASE	12-28VDC Power Supply with Magnetic Mount & Straight Cord

**Note:** All "/" options are factory installed only.

LEXAN and UL are trademarks of GENERAL ELECTRIC and UNDERWRITERS LABORATORIES respectively.

## SPECIFICATIONS

### Lamp Type

4001 Xenon Strobe

### Lens Type

1700-COLOR (Please Specify Color)

### Voltage and Amperage Rating

Voltage	Intensity	Current Draw Avg.
12-28VDC	Hi	2.2 to 2.4 A @ 12V Tapering to 1.2 to 1.4 A @ 28V
120VAC	Hi	0.8 A Peak, 0.5 A to 0.6 A avg.
240VAC	Hi	0.8 A Peak, 0.5 A to 0.6 A avg.

### Power Supply Output @ 240V Input

17 Joules per Double Flash  
25 Joules per Quad Multi-Flash

### Flash Rate

68 to 72 Double Flashes per Minute  
58 to 62 Quad Multi-Flashes per Minute

### Intensity

	Double Flash	Quad Flash
CLEAR	1020 Candela eff.	1200 Candela eff.
AMBER	720 Candela eff.	1020 Candela eff.
BLUE	240 Candela eff.	560 Candela eff.
RED	160 Candela eff.	240 Candela eff.
GREEN	165 Candela eff.	480 Candela eff.

### Size and Weight

DWG 11336  
6.75" Tall x 5.5" Dia. 2.2 lbs.  
(171 mm) (140 mm) (1.06 kg)

### Temperature Rating

-40c to +71c Operating

## EXTENDED 5 YEAR WARRANTY!

This product is covered by TOMAR's standard warranty (see back cover) except the warranty period is extended to 5 years for the power supply.

2100 WEST OBISPO  
GILBERT, AZ. 85233



PHONE: 800-338-3133  
FAX: 800-688-6627