

FORK TRUCK STROBES - DC Models

The MICROSTROBE® IV strobe family is an enhanced version of the MICRO III featuring a new screw-on 100% water-tight lens and power supply which can operate from a very wide input voltage range of 12 through 80 VDC or 16 through 24 VAC. The supply has a regulated output so that the lamp brightness and flash rate remain constant over the entire input voltage range. The power supply is potted in polyurethane for the ultimate in protection from shock and vibration. The enclosure is 100% Lexan Type 4X, and the plug-in strobe lamp is field replaceable. All units are polarity protected and have built-in filters to protect against radio interference and spike voltages. The MICROSTROBE® IV is protected with a TEN YEAR WARRANTY. See opposite page.

SPECIFICATIONS

- Intensity
- CLEAR 50Candela
- AMBER 40Candela
- BLUE 20Candela
- RED 10Candela
- GREEN 20Candela
- 1.75 Joules per flash, power supply output 2.7 Watts
- 60 to 80 flashes per minute
- UL component listed, type E, ES & EE Electric Trucks
- 5" Tall X 3" Dia., 0.6 lbs.
- TEN YEAR WARRANTY

470S-1280	Surface Mount
470SMB-1280	Magnetic Mount with 6 ft. cord & cigar plug.
490S-1280	1/2" Pipe Mount Hub
495S-1280	1/2" Male Pipe Thread
470SMB-1280/CC	Magnetic Mount w/ 10' coiled cord & cigar plug

Options & Parts

G470	Guard
5001	Flashtube
470S-L	LexarLens
BKT	L Mounting Bracket
LBO	180 Degree lens black out (NC if ordered with unit)

MICROSTROBES® - AC Models

For general purpose visible signals the versatile MICROSTROBE® does it all. Choose from several mounting styles - even a medium base light bulb socket. The most recent models have been upgraded to polyurethane potted lamp supplies with screw-on Lexan lenses, creating a 100% water-tight Type 4X enclosure. Application Note for 120VAC Units that are going to be switched on-off with a solid state relay should be ordered with option TRIAC-SW to prevent false operation from snubber leakage current.

SPECIFICATIONS

- Intensity
- CLEAR 50Candela
- AMBER 40Candela
- BLUE 20Candela
- RED 10Candela
- GREEN 20Candela
- 1.75 Joules per flash, power supply output 2.7 Watts
- 60 to 80 flashes per minute, -40F to +150F Temperature Range
- All models UL Listed
- Low power consumption 0.04 amps @VAC
- 5" tall X 3" Dia., 0.6 lbs.
- Two Year Warranty

480S-120	AC Cord & Plug Surface Mount
490S-120	1/2" Pipe Mount Hub
495S-120	1/2" Male Pipe Thread
485S-120	Medium Base Socket Screw-in
470SSGP-120	Wall Plate Mount (not shown)
490S-240	240 AC 1/2" Pipe Mount
495S-240	240 AC Male Pipe Thread
485S-240	240 AC Medium Base Mount

Options & Parts

G470	Guard
5001	Flashtube
470S-L	LexarLens
/TRIAC-SW	Leakage current bypass



Model 500P-1228 Three Bolt or 1/2" Pipe Mount



Model 550P-1274 Three Bolt or 1/2" Pipe Mount

500P MICRO LITE™ MULTI-VOLTAGE INPUT

The model 500P family is a low profile single flash strobe featuring a dual purpose voltage rating of 12 thru 28 VDC, three bolt mount and 1/2" pipe mount, Lexan lens, hi-efficiency regulated solid state potted power supply and heavy duty xenon strobe lamp. All units are polarity protected and have built-in filters to protect against radio interference and spike voltages. The model 500P features a fully potted, Lexan, multipurpose mounting base which is vibration and water resistant and has a field replaceable plug-in strobe lamp.

SPECIFICATIONS:

- Intensity:

CLEAR	200Candela eff.
AMBER	170Candela eff.
BLUE	95Candela eff.
RED	40Candela eff.
GREEN	80Candela eff.
- 6 joules per flash, power supply output 8 Watts
- 70-90 flashes per minute
- 5.25" Tall X 5.5" Dia. 2.0 lbs.
- 2 Year Warranty

500P-1228 12 thru 28 VDC, 0.8 A avg. @ 12 VDC, 0.4 A avg @ 24 VDC
 500PMB-1228 12 thru 28 VDC with magnetic base & coiled cord.
 500PMBSC-1228 12 thru 28 VDC with magnetic base & straight cord.

Note: Standard Models do not include a mounting flange (ring). If required please order from the parts list below.

- Options& Parts
- 2001 Strobe lamp
 - LBO-MINILITE 180 degree lens black out
 - TBO-MAXI Top lens black out
 - BKT L Mounting bracket
 - 802-03 Lens dust cover
 - G802 Guard
 - 500-1228-BASE 12-28 VDC Power Supply
 - 800-FLG Mounting flange (ring)

550P MICRO LITE™ MULTI-VOLTAGE INPUT

The model 550P family is a low profile single flash strobe light featuring a multiple voltage rating of 12 thru 74 VDC, three bolt and 1/2" pipe mount, Lexan lens, hi-efficiency regulated solid state potted power supply and heavy duty xenon strobe lamp. All units are polarity protected and have built-in filters to protect against radio interference and spike voltages. The model 550P features a fully potted, Lexan, multipurpose mounting base which is vibration and water resistant and has a field replaceable plug-in strobe lamp, and is UL component recognized for use on type E, EE and ES electric industrial trucks covered by UL standard #583 under file number AU2049.

SPECIFICATIONS:

- Intensity:

CLEAR	270Candela eff.
AMBER	230Candela eff.
BLUE	125 Candela eff.
RED	55Candela eff.
GREEN	110Candela eff.
- 12 joules per flash, power supply output 11 Watts
- 70-90 flashes per minute
- 5.25" Tall X 5.5" Dia. 2.0 lbs.
- 2 Year Warranty

550P-1274 12 thru 74 VDC, 1.25 A avg. @ 12 VDC, .20 A avg. @ 74 VDC
 550PMB-1274 12-74 VDC with magnetic base & coiled cord
 550PMBSC-1274 12-74 VDC with magnetic base & straight cord.

Note: Standard models do not include a mounting flange (ring). If required please order from the parts list below.

- Options& Parts
- 2001 Strobe lamp
 - LBO-MINILITE 180 degree lens black out
 - TBO-MAXI Top lens black out
 - BKT L Mounting bracket
 - 802-03 Lens dust cover
 - G802 Guard
 - 550-1274-BASE 12-74 VDC Power Supply
 - 800-FLG Mounting flange (ring)

SINGLE FLASH HIGH INTENSITY STROBES



Flange Mount Standard on all DC Models



Flange Mount Standard on all DC Models

MAXI I™ STROBE MULTI-VOLTAGE INPUT

A medium profile single flash strobe of over one million candle power for applications where overhead clearance is a problem. The MAXI STROBE can be seen in bright sunlight and has built-in filters to protect against radio interference and spike voltages for outdoor applications in bright sunlight and has built-in filters to protect against radio interference and spike voltages.

- Potted circuit board protects against moisture, shock and vibration
- Multi-mount base design...Flange...1/2" pipe mount...Thru bolts.

6.75" Tall X 5.5" Dia. 2.2 lbs.

SPECIFICATIONS:

Intensity

CLEAR	480Candela eff.
AMBER	400Candela eff.
BLUE	220Candela eff.
RED	95 Candela eff.
GREEN	190Candela eff.

- 8 joules per flash.
- 80-95 FPM.
- 5 year extended warranty.

804-110 120VAC, 0.17 A, UL Listed, Type 4X.
 804-240 240VAC, 0.12 A, UL Listed, Type 4X.
 804-1274 12-74VDC, 1.25A @ 12 VDC
 804LC-110 120VAC Strobe with AC cord and Plug, UL Listed, Type 4X.
 804MB-1274 12-74 VDC with Magnetic Base and Coiled Cord
 Note: Flange not included with AC models. If required, please order from the distributor below.

Options & Parts

LBO-MAXI 180degree lens black out
 TBO-MAXI Top lens black out
 4001 Flashtube
 G800 Guard
 800/1250-DC Cleardust cover
 BKT L mounting bracket
 1700 Lexan Lens
 800-FLG Mounting flange

MINI LITE I™ STROBE MULTI-VOLTAGE INPUT

A low profile single flash strobe of over one million candle power, for applications where overhead clearance is a problem. The MINI LITE is bright enough for outdoor applications in bright sunlight and has built-in filters to protect against radio interference and spike voltages.

- Potted circuit board protects against moisture, shock and vibration.
- Multi-mount base design...Flange...1/2" pipe mount...Thru bolts.

5.25" Tall X 5.5" Dia. 2 lbs.

SPECIFICATIONS:

Intensity

CLEAR	400Candela eff.
AMBER	340Candela eff.
BLUE	185Candela eff.
RED	80 Candela eff.
GREEN	160Candela eff.

- 8 joules per flash.
- 80-95FPM.
- 5 year extended warranty.

801-110 120VAC ,0.17A, UL Listed, Type 4X.
 801-240 240VAC, 0.12 A, UL Listed, Type 4X.
 801-1274 12-74VDC, 1.25A @ 12 VDC
 801LC-110 120VAC strobe with AC Cord & Plug, UL Listed, Type 4X.
 801MB-1274 12-74VDC with Magnetic base and Coiled Cord
 Note: Flange not included with AC models. If required, please order from the distributor below.

Options & Parts

LBO-MINILITE 180degree lens black out
 TBO-MAXI Top lens black out
 4001 Flashtube
 G802 Guard
 802-03 Cleardust cover
 BKT L mounting bracket
 801-L Lexan lens
 800-FLG Mounting flange

DOUBLE/QUAD FLASH HIGH INTENSITY STROBES



Flange Mount Standard on all DC Models



Flange Mount Standard on all DC Models



MULTI STROBE DOUBLE/QUAD FLASH

A medium profile double or Quad flash strobe of over one million candle power for high intensity applications. The MULTI STROBE can be seen in bright sunlight and has built-in filters to protect against radio interference and spike voltages.

- Potted circuit board protects against moisture, shock and vibration.
- Photocell to automatically adjust the intensity from day to night.
- Multi-mount base design...Flange...1/2" pipe mount...Thru bolts.
- Field selection of flash rate: Double or Quad by dipping

SPECIFICATIONS

Intensity	DoubleFlash	QuadFlash
CLEAR	1020Candela eff.	1200Candela eff.
AMBER	720 Candela eff.	1020Candela eff.
BLUE	240 Candela eff.	560 Candela eff.
RED	160 Candela eff.	210 Candela eff.
GREEN	165 Candela eff.	480 Candela eff.

- 17 Joules per Double Flash • 25 Joules per Quad Multi Flash
- 70-80 DFPM, 60-70 QFPM • 6.75" Tall X 5.5" Dia. 2.2 lbs.
- -40C to +71C • 5 year extended warranty.

824-110 120VAC, 0.8A Peak, 0.5 to 0.8 avg.
 824-1228 12-28VDC, 2.2 to 2.4 avg. @ 12 V., 1.2 to 1.4 avg. @ 28V
 824MB-1228 Mag. base w/ 10' coiled cord and Cig. plug
 824MBSC-1228 Mag. base w/ straight cord and Cig. plug
 824LC-110 120VAC w/AC & P
 824-240 240 VAC, 0.8A Peak, 0.5 to 0.8 avg.

Note Flange not included with AC models. Flange required, please order from below.

Options & Parts

- LBO-MAXI 180degree lens black out
- TBO-MAXI Top lens black out
- 4001 Flashtube
- G800 Guard
- 800/1250-DC Cleardust cover
- BKT L mounting bracket
- 1700 Lexan Lens
- 800-FLG Mounting flange

MINI LITE II™ STROBE DOUBLE/QUAD FLASH

A low profile double or Quad flash strobe of over one million candle power, for applications where overhead clearance is a problem. The Mini Lite II is bright and clear for outdoor applications in bright sunlight and has built-in filters to protect against radio interference and spike voltages.

- Potted circuit board protects against moisture, shock and vibration.
- Photocell to automatically adjust the intensity from day to night.
- Multi-mount base design...Flange...1/2" pipe mount...Thru bolts.
- Field selection of flash rate: Double or Quad by dipping

SPECIFICATIONS

Intensity	DoubleFlash
CLEAR	750 Candela eff.
AMBER	525 Candela eff.
BLUE	175 Candela eff.
RED	115 Candela eff.
GREEN	120 Candela eff.

- 17 Joules per Double Flash • 25 Joules per Quad Multi Flash
- 68 to 72 DFPM, 58 to 62 QFPM • 5.25" Tall X 5.5" Dia. 2 lbs.
- 5 year extended warranty.

8024-110 120VAC, 0.8A Peak, 0.5 to 0.8 avg.
 8024-1228 12-28 VDC, 2.2 to 2.4 @ 12 V., 1.2 to 1.4 avg. @ 28V
 8024MB-1228 Mag. base w/ 10' straight cord and Cig. plug
 8024MBSC-1228 Mag. base w/ coiled cord and Cig. plug
 8024LC-110 120VAC w/AC & P
 8024-240 240 VAC, 0.8A Peak, 0.5 to 0.8 avg.

Note Flange not included with AC models. Flange required, please order from below.

Options & Parts

- LBO-MINILITE 180degree lens black out
- TBO-MAXI Top lens black out
- 4001 Flashtube
- G802 Guard
- 802-03 Cleardust cover
- BKT L mounting bracket
- 801-L Lexan lens
- 800-FLG Mounting flange



PORTA-STROBE™

This battery operated strobe flasher provides a highly visible flash for a wide variety of applications. Use anywhere a bright portable flasher is needed with a pair of 6 V lantern batteries or our new sealed rechargeable version.

- 3 joules flash intensity @ 60 FPM.
- Impact resistant Lexan lens.
- Magnetic base option.
- 24 hour battery life.
- medium or low profile lens.
- 100% weatherproof
- 300 milliamp draw

7400	Medium profile 6" tall lens
7401	Low profile 4" tall lens
7400-MB	Medium profile mag. base
7401-MB	Low profile mag. base
7400/RC	Med. profile Rechargeable
7401/RC	Low profile Rechargeable
7400-MB/RC	Med. profile mag. base Rechargeable
7401-MB/RC	Low profile mag. base Rechargeable
460	6 V spring type lantern battery (two required)
PE4-6RF1X2	Twin rechargeable battery pack
ABS12400T	Charger

Note: Rechargeable models include the battery pack. For non-rechargeable models please order (2) two number 460 batteries separately.

PORTA-LED™

This battery operated LED flasher provides a highly visible flash for a wide variety of applications. Industrial users will find it useful for maintenance personnel on job sites where power is not available or inconvenient to connect. A magnetic base option is available for secure mounting.

The LED bulbs provide life in excess of 100,000 hours and draw so little current, that battery life is measured in hundreds of hours.

Use the PORTA-LED™ anywhere a bright portable flasher is needed with a pair of 6 Volt lantern batteries. (batteries not included)

Dimensions: Lens: 5" dia. X 3" high. Case: 5" H X 7" W X 3" Deep.

7600-LED-A	AmberPORTA-LED™
7600-LED-R	Red PORTA-LED™
7600-LED-MB-A	Ambermagnetic basePORTA-LED™
7600-LED-MB-R	Red magnetic base PORTA-LED™
460	6 Volt spring type lantern battery (two required)

Notes: 1. Other colors available upon request

The MINI STROBE® family is a single flash heavy duty strobe light featuring all aluminum housing, flange mount, lexan lens, and plug-in strobe lamp. The DC units are component recognized by UL for use on electric fork lift trucks.

SPECIFICATIONS

• Intensity	8 Joule	15 Joule
CLEAR	185 Candela	360 Candela
AMBER	160 Candela	300 Candela
BLUE	85 Candela	160 Candela
RED	40 Candela	80 Candela
GREEN	70 Candela	140 Candela

- Power Supply Output 11 Watts
 - Current Draw: 1.25 Amps @ 12 DC, 0.2 @ 74 DC.
 - Current Draw: 0.17 Amps @ 120 AC, 0.12 @ 240 AC.
 - 80 to 95 Flashes per Minute
 - UL AU 2049 for E, ES, & EE trucks.
 - 8 joule power supply 700 family
 - 15 joule power supply 700-110-15J
 - 6" Tall X 4.7" Dia., 1.3 lbs.
 - TWO YEAR WARRANTY
- | | |
|-------------|---------------------------|
| 700-110 | 120 VAC, 50/60 hz, 0.17 A |
| 700-240 | 240 VAC, 50/60 hz, 0.12 A |
| 700-1274 | 12-74 VDC, 1.25 a @ 12 V |
| 700-110-15J | 120 VAC, 50/60 hz, 15 J |
| 700-120DC | 120 VDC, 0.1 amps |

Options& Parts

700-G	Guard
BKT	L mounting bracket
3001	Strobelamp
700-L	Lexan Lens
6001	Strobe lamp (700-110-15J)
/PM1	1/2" pipe mount (factory installed)

POWER STROBES®



GLASS LENS POWER STROBE®

The glass lens POWER STROBE® offers users with heavy duty applications a visible signal that will operate trouble free in the day-to-day environment of mills and similar facilities with corrosive, high temperature, shock and vibration conditions. The glass lens POWER STROBE® is the best choice for cranes, transfer cars, hot mills and coke plants.

Select from two power supplies, 10 or 15 joules and a stainless steel enclosure option. (15 joule power supply is for VAC only)

- 1,000,000/1,500,000 peak candle power flash, 90 FPM
- NEMA 4 steel enclosure standard, optional stainless steel available
- 250 VDC models are provided with transient surge voltage protection
- Ambient temperature -55C to +85C
- 9" H X 6" W X 6" D, 10 lbs

- 3000-GLASS 250 VDC, 10 joules, 0.07 amps
- 3200-GLASS 120 VAC, 10 joules, 0.17 amps
- 3300-GLASS 240 VAC, 10 joules, 0.12 amps
- 3200-GLASS/HP 120 VAC, 15 joules, 0.25 amps

OPTIONS

/SS Stainless steel enclosure

PARTS

- 3001 Strobe dampers
- 3006A Glass Lens
- 140030 Guard for glass lens
- 6001 Strobe lamp for HP models



REMOTE MAXI LENS POWER STROBE®

Basic unit with remote power supply and Maxi lens for application that could damage the power supply.

- Lens: 6.75" tall X 5.5" dia.
- Power Supply: 8" tall X 6" W X 4" Deep

COMPLETE UNITS

- 3000/RML 250 VDC, 10 joules, 0.07 amps
- 3200/RML 120 VAC, 10 joules, 0.17 amps
- 3300/RML 240 VAC, 10 joules, 0.12 amps
- 3200HP/RML 120VAC 15 joules, 0.25 amps

OPTIONS

/SS Stainless steel enclosure



MAXI POWER STROBE®

Basic unit with high profile lexan lens to give larger brighter flash.

- 1,000,000 CP @ 90 FPM
- 9" tall X 6.74" square, 6.5 lbs.
- Optional 15 joule 120VAC power supply
- 3000ML 250 VDC, 10 joules, 0.07 amps
- 3200ML 120 VAC, 10 joules, 0.17 amps
- 3300ML 240 VAC, 10 joules, 0.12 amps
- 3200ML/HP 120 VAC, 15 joules, 0.25 amps

OPTIONS

/SS Stainless steel enclosure
/GP Heavy duty guard for ML version



REMOTE GLASS LENS POWER STROBE®

The remote glass lens POWER STROBE® has the same features as the standard lens version, except it will give the user a visible signal that can be operated in elevated temperatures or where conditions require the electronic circuitry to be offharm's way.

Enclosure: 8" X 6" X 4", 6 lbs. Lens: 6 1/2" dia. X 5" high, 4 lbs.

COMPLETE UNITS

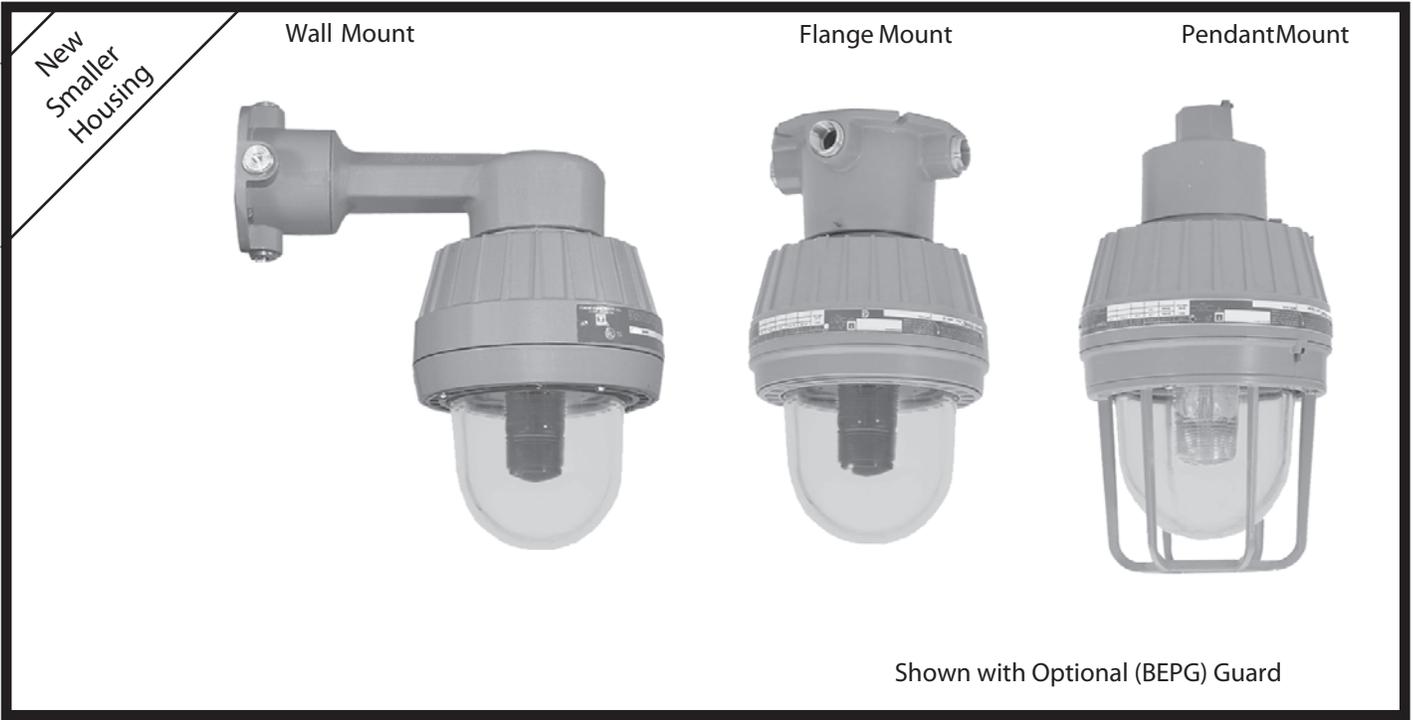
- 3000/R-GLASS 250 VDC Remote glass lens, 10 joules, 0.07 amps
- 3200/R-GLASS 120VAC Remote glass lens, 10 joules, 0.17 amps
- 3300/R-GLASS 240VAC Remote glass lens, 10 joules, 0.12 amps
- 3200/R/HP-GLASS 120VAC Remote glass lens, 15 joules, 0.25 amps

SEPARATE COMPONENTS

- 30015-GLASS Glass lens strobe head
- 3000-PS 250 VDC, 10 joule power supply
- 3200-PS 120 VAC, 10 joule power supply
- 3300-PS 240 VAC, 10 joule power supply
- 3200-PS/HP 120 VAC, 15 joule power supply

/SS Stainless steel enclosure option

Specify lens color when ordering.



These models of single flash explosion proof UL listed strobe light are designed for operation in hazardous areas rated Class I Group C & D and Class II group E, & G. Design features include a housing made of cast high strength copper-free aluminum alloy with baked powder finish, stainless steel hardware, O-ring sealed prestressed glass globe with double pitch acme threads for smooth assembly and ease of maintenance and an optional guard which need not be removed for relamping. 3/4" conduit hubs are standard.

ORDERING INFORMATION

SPECIFICATIONS

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

Model No.	Description	Voltage	Approvals
3150BEP-FM	Flange Mount	12 thru 74 VDC	UL
3200BEP-FM	Flange Mount	120VAC	UL
3300BEP-FM	Flange Mount	240VAC	UL
3150BEP-PM	3/4" Pendant Mt.	12 thru 74 VDC	UL
3200BEP-PM	3/4" Pendant Mt.	120VAC	UL
3300BEP-PM	3/4" Pendant Mt.	240VAC	UL
3150BEP-WM	Wall Mount	12 thru 74 VDC	UL
3200BEP-WM	Wall Mount	120VAC	UL
3300BEP-WM	Wall Mount	240VAC	UL

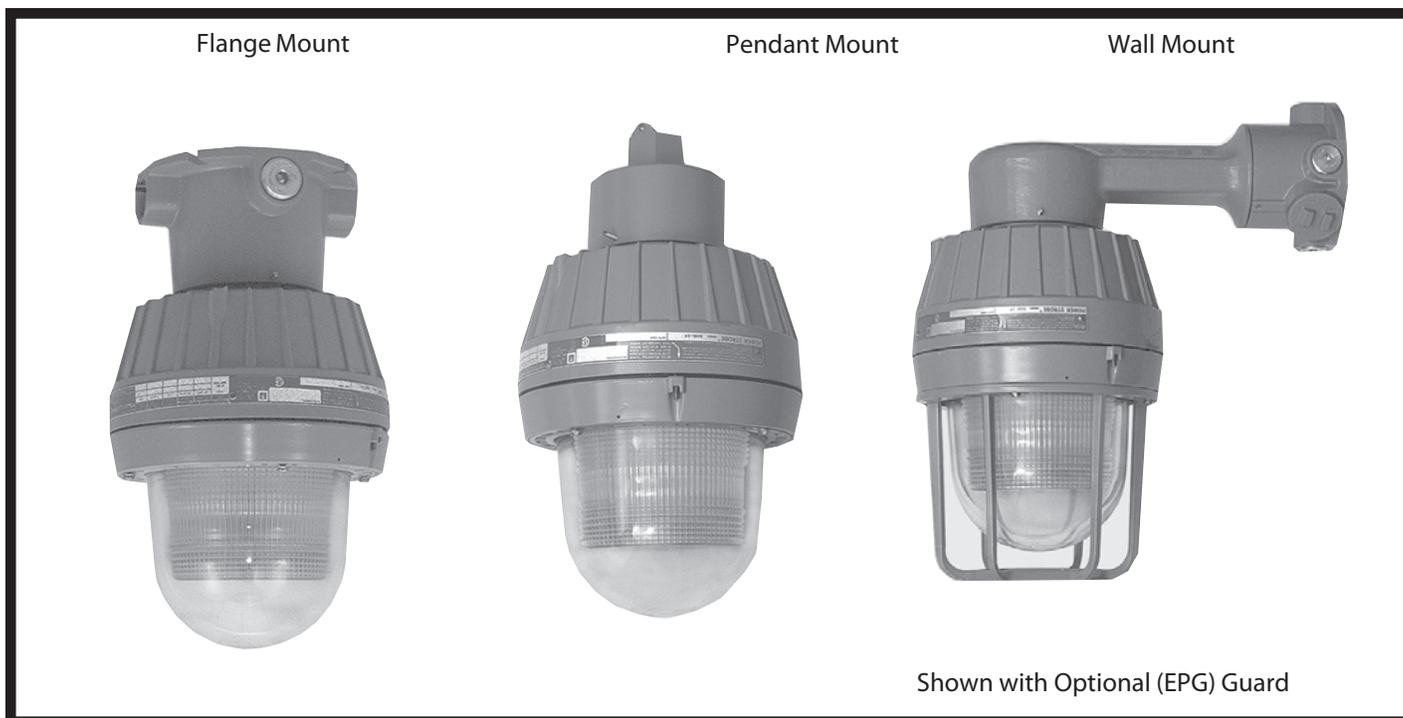
Options:

EP-FM-1	SpliceBox with 1" Hubs	UL
EP-PM-1	SpliceBox with 1" Hubs	UL
EP-WM-1	SpliceBox with 1" hubs	UL
BEPG	Guard(optional)	UL

700-R1 Hermetically Sealed Xenon Strobe Lamp Assembly
 Voltage and Amperage
 12-74VDC Draws 1.25 A avg. @12 VDC tapering to 0.2 A avg. @74 VDC
 120/240VAC Draws 0.17 A avg. @ 120VAC (50/60 Hz) Draws 0.075 A avg. @ 240VAC
 Power Supply Output
 13 Watts Standard, 11 Watts for 3150
 9 joules per flash Std., 8 joules per flash for 3150
 Temperature Range
 -40 Degrees C to +55 degrees C
 Flash Rate
 85 Flashes per minute
 Temperature Code
 T6 - Class I Groups C & D
 T4A - Class II Groups E, & G
 Intensity
 Clear 200Candela eff.
 Amber 170Candela eff.
 Blue 90Candela eff.
 Red 40Candela eff.
 Green 70Candela eff.
 Size and Weight
 14" Tall X 7 1/4" Dia. 13 lbs.
 (368 mm) (222 mm) (5.9 kg.)
 Compliance:
 UL 1203 & 1638
 NEMA4X

SUPER EXPLOSION PROOF STROBES

by Tomar Electronics



The Super Explosion Proof family of double flash UL listed strobe lights are designed for operation in hazardous areas rated by the NEC as Class I, div 1 & 2 Group C & D and Class II, div. 1 & 2, Groups E, F, G and Class III, div. 1 & 2. They also meet NEMA standards 3, 4, 4X, 7CD and 9E, and are marine rated for use in salt water environments. Lens Colors: Amber, Blue, Clear, Green, Purple and Red.

Design features include a housing made of die cast high strength copper-free aluminum alloy with a baked powder epoxy finish, stainless steel hardware, O-ring sealed prestressed glass globe with double pitch acme threads for smooth assembly and ease of maintenance, a flash synchronizing circuit, and an optional guard which need not be removed for relamping. 3/4" conduit hubs are standard.

ORDERING INFORMATION

Model No.	Description	Voltage
7120BEP-FM	Flange Mount 3/4" hub	120 VAC
7024BEP-FM	Flange Mount 3/4" hub	12/24 VDC
7120BEP-PM	Pendant Mount 3/4" hub	120 VAC
7024BEP-PM	Pendant Mount 3/4" hub	12/24 VDC
7120BEP-WM	Wall Mount 3/4" hub	120 VAC
7024BEP-WM	Wall Mount 3/4" hub	12/24 VDC

Options	
EPG	Guard

SYNCHRONIZING SPECIFICATIONS

SYNCHRONIZING CIRCUIT CONNECTION: This is a low voltage, low power customer connection which requires one 22 ga twisted pair run between each light. Max length between furthest lights is 3000 feet. Up to 100 lights of different voltages can be synchronized.

SYNCHRONIZING CIRCUIT FEATURES: Each light contains its own flash rate timing circuit which operates the lamp automatically and a bi-directional synchronizing circuit which overrides the internal timing circuit when connected to another light.

When two or more lamps are synchronized together, failure of any lamp will not prevent other lamps from operating.

Lights may be operated from different power sources, that is, they may be synchronized with a 12 VDC unit.

SPECIFICATIONS

Lamp Type	6001 Xenon Strobe Lamp	
Voltage and Amperage	120 VAC 60 Hz	Draws 0.4 A avg. (2.3 A max)
	12/24 VDC	Draws 4.0/2.0 A avg. (8.0 A max)
Power Supply Output 26 Watts	AC Units	DC Units
	20 joules 1st flash	20 joules 1st flash
	20 joules 2nd flash	20 joules 2nd flash

Flash Rate
40 Flashes per minute

Intensity	
Clear	2000 Candela eff.
Amber	1700 Candela eff.
Blue	900 Candela eff.
Red	400 Candela eff.
Green	700 Candela eff.

Size and Weight
14.5" Tall X 8.75" Dia. 13 lbs.
(368 mm) (222 mm) (5.9 kg.)

Compliances:
UL 1203 & 1638

DIVISION 2 HAZARDOUS LOCATION STROBES



MICROSTROBE® DIVISION 2 UL LISTED

The Model 490S-1280T and 490S-120T strobe light are UL listed for use in Class I & II, Division 2 hazardous locations. These units have a Lexan lens and base. They may be operated in any position and feature a 1/2" pipe mounting. Listed for Class I, div 2 Groups A, B, C, & D. Class II, div 2, Groups F & G.

SPECIFICATIONS

- Intensity

CLEAR	50Candela
AMBER	40Candela
BLUE	20Candela
RED	10Candela
GREEN	20Candela
 - 60 to 80 Flashes per Minute
 - 1.75 joule power supply, 60-80 FPM
 - Temp Code: Class I T2C 23C. Do not install where the operating temperature exceeds the ignition temperature of the hazardous atmosphere.
 - -40 Degree C to +55 Degree C
 - 5" tall X 3" dia., 0.6 lbs.
 - Model 490S-120T has built-in triac to prevent false operation from snubber leakage current caused by switching on and off from a solid state relay.
 - TEN YEAR WARRANTY
- | | |
|------------|------------------------|
| 490S-1280T | 12-80 VDC 0.4 A/12 VDC |
| 490S-120T | 120 VAC 0.04 A/120 VAC |
| 5001 | Flashtube |
| 470S-L | Lens(specify color) |

HEAVY DUTY DIV. 2 STROBES UL LISTED

Class I DIV. 2 GROUP A, B, C & D. CLASS II DIV.2 GROUP F & G. CLASS III DIV. 2. These units feature cast aluminum construction, tempered glass lenses and are suitable for outdoor use in any position. Unique power supply design provides 120 thru 240 VAC and 12 thru 74 VDC input voltage.

SPECIFICATIONS

- Intensity

CLEAR	80Candela
AMBER	60Candela
BLUE	40Candela
RED	25Candela
GREEN	30Candela
 - 8 joule power supply
 - 75 Flashes per minute
 - Temp Code: Class I T2A 28C, Class II T6 85C. Do not install where the operating temperature exceeds the ignition temperature of the hazardous atmosphere.
 - 3/4" pendant mount
 - -40 Degree C to +55 Degree C
 - 8.5" tall X 5.4" dia., 3.2 lbs
 - TWO YEAR WARRANTY
- | | |
|-----------|-------------------------|
| 4375-1274 | 12-74 VDC 1.31 A/12V |
| 4375-120 | 120-240 VAC 0.2 A/120 V |
| 2001 | Flashtube |
| 4375-L | Lens(specify color) |



Tomar introduces a totally new LED warning Light. The MicroLert offers unique features not before seen in industrial signalling devices. It is the first such light designed from the ground up to take advantage of LED lighting technology.

MicroLert features an integral inverted cone design to provide full 360 degree coverage. The MicroLert lens is engineered for maximum light output and color clarity, and allows more of the LED light to be projected out than do conventional Fresnel lenses.

The tough Lexan Lens is spun welded to the base to completely seal out moisture. The MicroLert is UL listed and manufactured to NEMA 4X specification. It is available in five LED colors (amber, blue, green, red and white; and in steady burn and flashing models).

The MicroLert will operate over wide AC and DC input Voltage ranges. The DC version is designed to operate from 10-100 VDC and 16-36 VAC; the AC version from 85-265 VAC. The MicroLert is guaranteed against factory defects for a full 5 years.

SPECIFICATIONS

- 5 year warranty
- High Power LED
- NEMA 4X
- UL Listed
- Wide AC and DC input voltages
- 5 LED colors
- Lexan Lens
- Steady on or flashing
- Surface, Pipe or Thread mounts
- Sealed construction - NEMA 6P capable
- Lamp Type - LED
- Size: 3" diameter X 2 1/2" High
- Voltage and Amperage

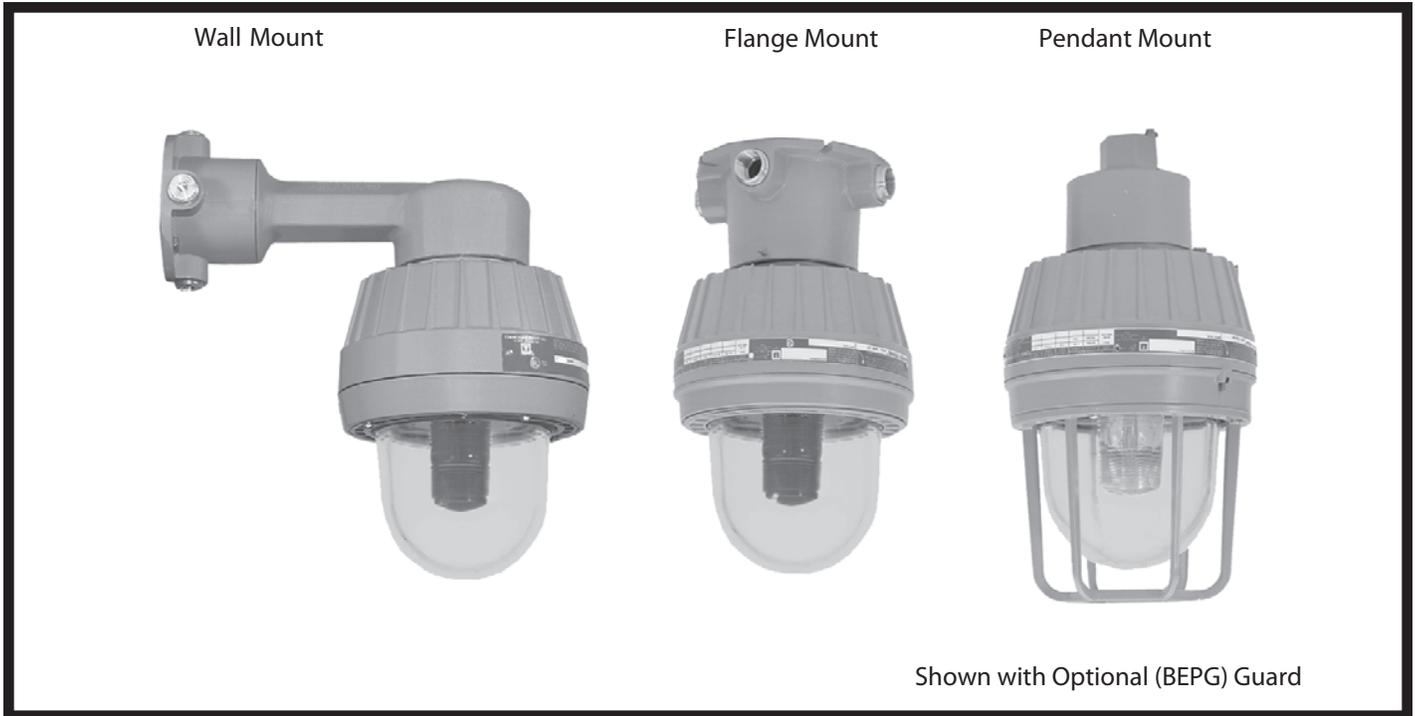
24 VDC	198 mA for Single Flash
120 VAC	040 mA for Single Flash
240 VAC	020 mA for Single Flash

FLASHING MODELS

270LF-12-80	12-80 VDC Surface Mount LED
290LF-12-80	12-80 VDC 1/2" Pipe Mount LED
290LF-120-240	120-240 VAC 1/2" Pipe Mount LED
295LF-12-80	12-80 VDC 1/2" Male Thread LED
295LF-120-240 VAC	120-240 VAC 1/2" Male Thread LED

STEADY ON MODELS

270LS-12-80	12-80 VDC Surface Mount LED
290LS-12-80	12-80 VDC 1/2" Pipe Mount LED
290LS-120-240	120-240 VAC 1/2" Pipe Mount LED
295LS-12-80	12-80 VDC 1/2" Male Thread LED
295LS-120-240	120-240 VAC 1/2" Male Thread LED



Tomar Electronics introduces the Model 3000 family of LED Explosion Proof Lights. These warning Lights are UL Listed for Class 1, Division 1, Groups C & D; Class 2, Division 1, Groups E, F & G; Class 1, Division 2, Groups A & B; and Class 3. They are available in six LED colors (Amber, Blue, Green, Magenta, Red and White)

Tomar's Explosion Proof LED lights feature a unique thermal management system that utilizes internal cooling fins to draw heat away from the LEDs. This allows for longer lamp life and more consistent light output. All electronics and LEDs are guaranteed against manufacturing defects for a full five years.

An internal switch allows for easy selection among steady-burning, single or double flash mode. Each light will operate over a wide AC and DC input voltage range. The DC version is designed to operate from 10-36 VDC; the AC version from 120-240 VAC.

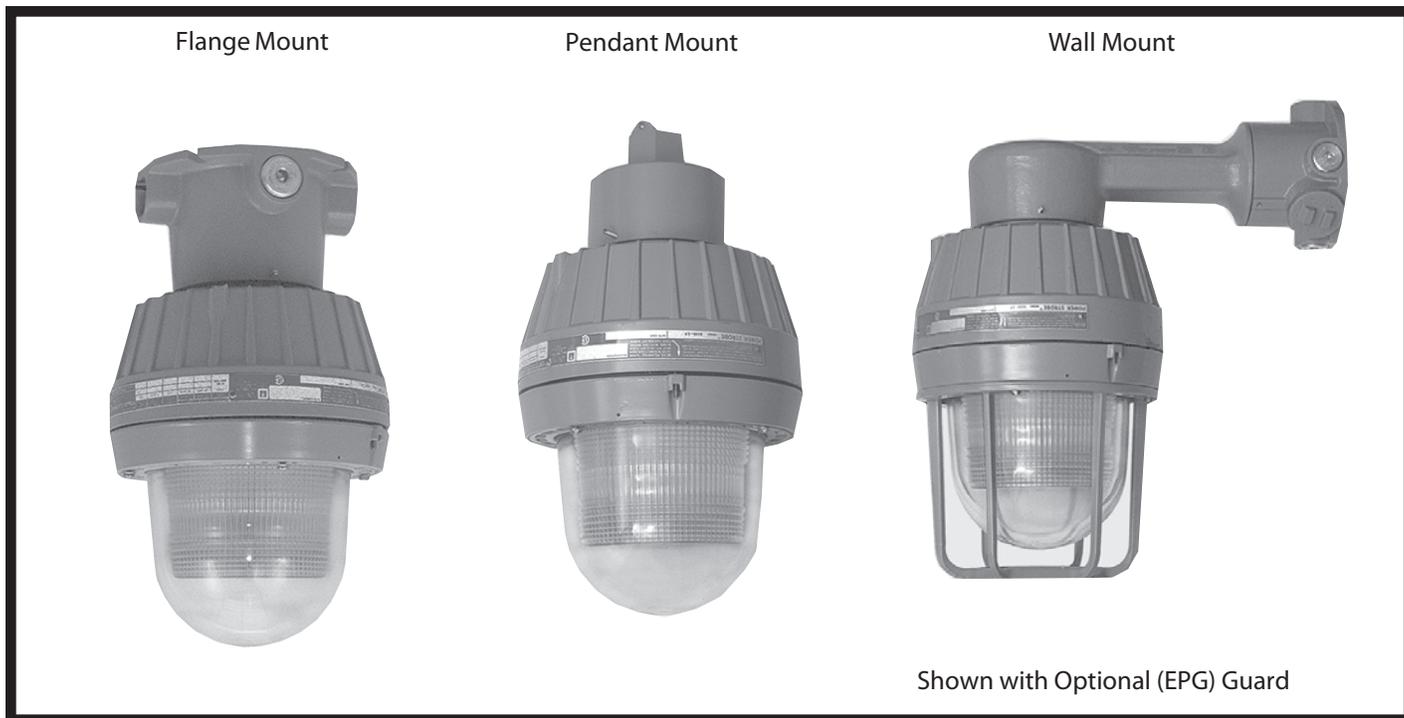
The 3000 Family series are constructed to NEMA 4X standards and are marine rated for use in salt water environments. Design features include housing made of die cast high strength copper-free aluminum alloy with baked powder epoxy finish, stainless steel hardware, O-ring sealed prestressed glass dome with double pitch acme threads for smooth assembly and ease of maintenance.

ORDERING INFORMATION

Model No.	Description	Voltage
3024XLP	Pendant Mount 3/4" hub	10-36VDC
3124XLP	Pendant Mount 3/4" hub	120-240VAC
3024XLF	Flange Mount 3/4" hub	10-36VDC
3124XLF	Flange Mount 3/4" hub	120-240VAC
3024XLW	Wall Mount 3/4" hub	10-36VDC
3124XLW	Wall Mount 3/4" hub	120-240VAC
Options		
BEPG	Guard	

SPECIFICATIONS

- Flash Rate - 80 single FPM, 40 double FPM
- Voltage and Amperage:
 - 167 mA @ 24 VDC for single flash
 - 033 mA @ 120 VAC for single flash
 - 017 mA @ 240 VAC for single flash
- Operating Temperature: -40 C to 85 C.
- Temperature Code: T6
- Dip switch selectable single flash, double-flash, or steady burn mode.
- Unique Thermal Management System utilizes internal cooling fins to draw heat away from the LEDs. This allows for longer LED life and more consistent light output.
- Size and Weight:
 - 13.6" Tall X 7.44" Diameter 10 lbs, 6 oz.



Shown with Optional (EPG) Guard

Tomar Electronics introduces the Model 7000 family of LED Super Explosion Proof Lights. These warning Lights are UL Listed for Class 1, Division 1, Groups C & D; Class 2, Division 1, Groups E, F & G; Class 1, Division 2, Groups A & B; and Class 3. They are available in six LED colors (Amber, Blue, Green, Magenta, Red and White)

Tomar's Super Explosion Proof LED lights feature a unique thermal management system that utilizes internal cooling fins to draw heat away from the LEDs. This allows for longer lamp life and more consistent light output. All electronics and LEDs are guaranteed against manufacturing defects for a full five years.

An internal switch allows for easy selection among steady-burning, single or double flash mode. Each light will operate over a wide AC and DC input voltage range. The DC version is designed to operate from 10-36 VDC; the AC version from 120-240 VAC.

The full sized 7000 Family series are constructed to NEMA 4X standards and are marine rated for use in salt water environments. Design features include housing made of die cast high strength copper-free aluminum alloy with baked powder epoxy finish, stainless steel hardware, O-ring sealed prestressed glass dome with double pitch acme threads for smooth assembly and ease of maintenance.

ORDERING INFORMATION

Model No.	Description	Voltage
7024XLP	Pendant Mount 3/4" hub	10-36VDC
7124XLP	Pendant Mount 3/4" hub	120-240VAC
7024XLF	Flange Mount 3/4" hub	10-36VDC
7124XLF	Flange Mount 3/4" hub	120-240VAC
7024XLW	Wall Mount 3/4" hub	10-36VDC
7124XLW	Wall Mount 3/4" hub	120-240VAC
Options		
EPG	Guard	

SPECIFICATIONS

- Flash Rate - 80 single FPM, 40 double FPM
- Voltage and Amperage:
 - 167 mA @ 24 VDC for single flash
 - 033 mA @ 120 VAC for single flash
 - 017 mA @ 240 VAC for single flash
- Operating Temperature: -40 C to 85 C.
- Temperature Code: T6
- Dip switch selectable single flash, double-flash, or steady burn mode.
- Unique Thermal Management System utilizes internal cooling fins to draw heat away from the LEDs. This allows for longer LED life and more consistent light output.
- Size and Weight:
 - 14.5" Tall X 8.75" Diameter 13 lbs.