



772P-1228 Strobe Power Supply

The model 772P is an economical remote strobe power supply designed to alternately flash two remote strobe heads at a rate of 70 double flashes per minute each. The unit is small for easy mounting in hard to fit areas. The 772P is fully potted making it vibration and water resistant. For 100% weatherproof application specify -WP weatherproof connectors. The unit features polarity protection, continuous duty circuitry and RFI filters. The 772P operates from 12-28 DC and is fully protected against shorts or opens in the lamp wiring. The power supply is constructed with a glass filled Lexan case and polyurethane potting.

400-1228/401-1228 Mini NEOBE Power Supply

The model 400 is a low cost remote NEOBE power supply designed to alternately flash any two remote strobe heads at a rate of 60 bursts per minute each. The unit is a tiny 2" X 3" X 1.5" for easy mounting in any area. The 400 is fully potted making it vibration and water resistant. For 100% weatherproof application specify -WP weatherproof connectors. The unit features polarity protection, continuous duty circuitry, and RFI filters. The 400 operates on 12 thru 28 DC and is fully protected against short or opens in the lamp wiring.

ORDERING INFORMATION

772P-1228 2 Lamp, 45 Watts, DF, 12-28 DC
 772P-1228-WP 2 Lamp, 45 Watts, DF, 12-28 DC, WP Connectors

ORDERING INFORMATION

400-1228 2 Lamp, 20 Watts, 12-28 DC
 400-1228-WP 2 Lamp, 20 Watts, 12-28 DC, WP Connectors
 401-1228 1 Lamp, 20 Watts, 12-28 DC
 401-1228-WP 1 Lamp, 20 Watts, 12-28 DC, WP Connectors
 401-CF-1228 1 Lamp, 20 Watts, 12-28 DC Continuous Flash
 401-CF-1228-WP 1 Lamp, 20 Watts, 12-28 DC, CF, WP Connectors

SPECIFICATIONS

Power Requirements:
 Draws 4.25 amps avg. @ 12 DC tapering to 2.125 amps avg. @ 24 DC

Output Power Rating:
 45 Watts Minimum

Flash Rate:
 70 DFPM/Head Minimum

Size:
 7.125" (181 mm) X 3.75" (44 mm)

Weight:
 2.5 lbs (1.12 kg)

Warranty:
 Fiveyear warranty

SPECIFICATIONS

Power Requirements
 Draws 1.85 amps avg. @ 12 DC tapering to 0.9 amps avg. @ 24 DC

Output Power Rating:
 20 Watts Minimum

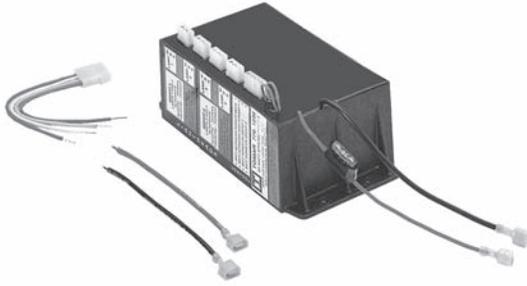
Flash Rate:
 60 Bursts per minute/Head, 6 Flashes per burst

Construction:
 ABS Case, Polyurethane Potting

Size:
 2" (50mm) X 3" (76.2mm) X 1.5" (38mm)

Weight:
 0.6 lbs (276mm)

MountingHoles:
 2 Holes, 0.187" Dia. (4.75mm) on 2" (50mm) Centers



770P-1228 Strobe Power Supply

The model 770P remote strobe power supply is designed to alternately flash two groups of remote strobe heads in either high or low intensity and normal or pursuit flash rate. The 770P is controlled manually by 4 customer provided SPST low current switches which select low-high intensity, flash rate, lamp group 1 on-off control and lamp group 2 on-off control. All functions may be wired to allow control by a single low current switch if desired. The 770P operates from 12-28 DC and is fully potted making it vibration and water resistant. For 100% weatherproof applications specify the -WP weather proof connectors. It also features polarity protection, heavy duty precision circuitry and RFI filters. The power supply is constructed with a glass filled Lexan case and polyurethane potting.

ORDERING INFORMATION

770P-1228	4 Lamp, 65 Watts, with head cut-out circuitry, intensity control, normal and pursuit flash rates, 12-28 DC
770P-1228-WP	Same as above with -WP Connectors

SPECIFICATIONS

Power Requirements:
Draws 6.0 amps avg. @ 12 DC tapering to 3.0 amps avg. @ 24 DC

Output Power Rating:
65 Watts Minimum in High Intensity
NORMAL Flash Rate, 2 Groups Running

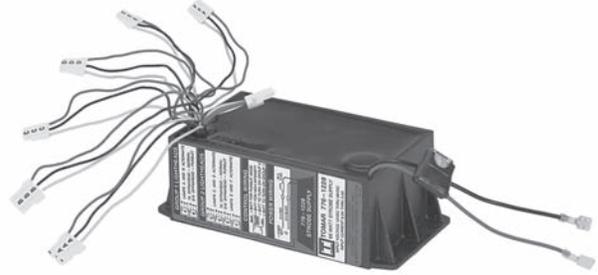
Flash Rate:
NORMAL rate 70 DFPM/Head Minimum (140 FPM Total)
Pursuit rate 170 DFPM/Head Minimum (340 FPM Total)

Control Features:
On-Off and all features are controlled by switching positive, low battery voltage. The main battery power may be left connected to the supply at all times. Current draw is less than 100 microamps in standby.

Size:
7.125" (181mm) X 3.75" (95mm) X 2.50" (64mm)

Weight:
3.5 lbs (1.56 kg)

Warranty:
Five Year Warranty



776-1228 Strobe Power Supply

The model 776 remote strobe power supply is designed to alternately flash two groups of remote strobe heads in either high or low intensity and normal or pursuit flash rate. The 776 is controlled manually by 4 customer provided SPST low current switches which select low-high intensity, flash rate, lamp group 1 on-off control and lamp group 2 on-off control. All functions may be wired to allow control by a single low current switch if desired. The 776 operates from 12-28 DC and is fully potted making it vibration and water resistant. For 100% weatherproof applications specify the -WP weather proof connectors. It also features polarity protection, heavy duty precision circuitry and RFI filters. The power supply is constructed with a glass filled Lexan case and polyurethane potting.

ORDERING INFORMATION

776-1228	6 Lamp, 65 Watts, with head cut-out circuitry, intensity control, normal and pursuit flash rates, 12-28 DC
776-1228-WP	Same as above with -WP Connectors

SPECIFICATIONS

Power Requirements:
Draws 6.0 amps avg. @ 12 DC tapering to 3.0 amps avg. @ 24 DC

Output Power Rating:
65 Watts Minimum in High Intensity
NORMAL Flash Rate, 2 Groups Running

Flash Rate:
NORMAL rate 70 DFPM/Head Minimum (140 FPM Total)
Pursuit rate 170 DFPM/Head Minimum (340 FPM Total)

Control Features:
On-Off and all features are controlled by switching positive, low battery voltage. The main battery power may be left connected to the supply at all times. Current draw is less than 100 microamps in standby.

Size:
7.125" (181mm) X 3.75" (95mm) X 2.50" (64mm)

Weight:
3.5 lbs. (1.56kg)

Warranty:
Five Year Warranty

REMOTE STROBE HEADS 360 DEGREES

by Tomar Electronics



Tomar's remote strobe lighthoods are designed to be used with all Tomar's strobe or NEOBE remote power supplies. Tomar's remote strobe lighthoods feature 360 degree Lexan lenses. The Model 801 remote strobe head features a low profile Lexan MINILITE lens and a lightweight base that can be flange mounted, 1/2" pipe mounted or surface mounted. The Model 800 Remote strobe head features a medium profile Lexan lens and a lightweight base that can be flange mounted, 1/2" pipe mounted or surface mounted. All models have replaceable plug-in lamps except for the 470-R1 and 700-R1 which are hermetically sealed assemblies.

Notes: Model 801-RL and 800-RL are offered with (WP) Weatherproof leads/connectors and should be installed with Power Supplies that contain (WP) connectors.

ORDERING INFORMATION

Model No.		Lens Height
470-R1	Hermetically Sealed 6" Leads	3.25"
700-R1	Hermetically Sealed, Flange Mount	3.25"
490S-R1	Low Profile, 1/2" Pipe Hub, 6" leads	5"
495S-R1	Low Profile, 1/2" Male Thread, 6" Leads	5"
490S-RL-20	Low Profile, 1/2" Pipe Hub, 15' Cable	5"
495S-RL-20	Low Profile, 1/2" Male Thread, 15' Cable	5"
800-RL	1/2" Pipe Mount, 6" Lead	6.75"
800-RL-WP	1/2" Pipe Mount, 6" WP Leads	6.75"
800-RL-15	1/2" Pipe Mount, 15' Cable	6.75"
801-RL	1/2" Pipe Mount, 6" Leads	5.25"
801-RL-WP	1/2" Pipe Mount, 6" WP Leads	5.25"
801-RL-15	1/2" Pipe Mount, 15' Cable	5.25"

SPECIFICATIONS

Lamp Type	470-RL	Models 800, 801			
	3001	Models 490S, 495S			
Overall Size	470-RL	3.6" Tall X 2.9" Dia.			
	490S	5.0" Tall X 3.0" Dia.			
	700	3.6" Tall X 4.0" Dia.			
	801	5.25" Tall X 5.5" Dia.			
	800	7.25" Tall X 5.5" Dia.			
Intensity	Candelas effective, based on a single head. Divide by 2 when using 2 heads that flash simultaneously. Intensities shown in normal mode.				
Power Supply	Model 470-R1, 700, 490S, 495S				
	Intensity in Candelas Effective				
	Clear	Amber	Blue	Green	Red
772P-1228	520	390	160	105	70
774-1228	405	305	125	80	50
776-1228	405	305	125	80	50
	Model 801				
772P-1228	900	620	210	160	150
774-1228	1230	845	290	220	210
776-1228	1230	845	290	220	210
	Model 800				
772P-1228	940	650	220	170	160
774-1228	1370	940	320	245	235
776-1228	1370	940	320	245	235

ACCESSORIES

700-DC	Clear Lens dust Cover (Model 700-RL)
/LBO-MINI	180 Degree Lens Blackout (Models 470, 490, 495, 700)
802-03	Clear Lens Dust Cover (Model 801)
800/1250-DC	Clear Lens Dust Cover (Model 800)
/LBO-MINILITE	180 Degree Lens Blackout (Model 801)
/LBO-MAXI	180 Degree Lens Blackout (Model 800)
TBO-MAXI	Top Lens Blackout (Models 800, 801)
G802	Heavy Duty Guard (Model 801)
G800	Heavy Duty Guard (Model 800)
800-R1-BASE	Base and Assembly (Models 800, 801)
800-FLG	Flange Mounting Ring (Models 800, 801)



PAR-36 & PAR-36E Strobe Heads

The model PAR-36 and PAR-36E remote strobe heads are designed to be used with Tomar's strobe power supplies. Tomar PAR lighthouse family of remote strobeheads feature a sealed beam strobe lamp with a Lexan lens. Tomar's PAR-36E EXTENDED LENS remote strobeheads feature Tomar's SIDE OPTICS that create a wide beam spread pattern of light, visible from the front and both sides. The PAR-36 and PAR-36E are available with a choice of black rubber (shown in above picture) or stainless steel shells.

RECT-34 & 37 Strobe Heads

The model RECT-37 and RECT-34 series sealed beam lamps are 100% watertight and feature a chrome coated reflector. They are molded from Lexan and designed to fit all popular utility, large mobile equipment and trucks. The RECT-37 & RECT-34 are furnished with a drill template, gasket, and mounting hardware; and can be used with all Tomar power supplies.

ORDERING INFORMATION

PAR-36B-AMBER Ambersealed beam strobehead, rubber shell, 15' cable
 PAR-36EB-AMBER Ambersealed beam, extended lens, rubber shell, 15' cable
 PAR-36ES-AMBER Ambersealed beam, extended lens, SS Shell, 15' cable
 PAR-36S-AMBER Ambersealed beam strobehead, SS Shell, 15' cable
 PAR-36-SS PAR-36 stainless steel shell
 UBKT UniversalSS bracket for PAR-36 or PAR-36E lighthouse
 PAR-36B-S PAR-36 black rubber shell
 15C 15' cable

ORDERING INFORMATION

RECT-37S-AMBER Amber remote 3" X 7" rectangular strobe lamp
 RECT-34S-AMBER Amber remote 3" X 4" rectangular strobe lamp

SPECIFICATIONS

Intensity:

Intensity in Candelas Effective

Power Supply	Amber	Note
--------------	-------	------

772P-1228	2100	
770P-1228 with 1 group on	1500	
770P-1228 with 2 groups on	2930	*
776-1228 with 1 group on	1550	
776-1228 with 2 groups on	2930	*

* Use with outside free air application only

Divide by 2 when using heads that flash simultaneously

Note: Intensity when viewing PAR-36E from side is 20% of the intensity rating to the front.

Warranty: Standard Tomar Warranty

SPECIFICATIONS

Intensity:

Intensity in Candelas Effective, based on a single head

Power Supply	RECT-34S-AMBER	RECT-37S-AMBER
772P-1228	1040	5630
770P-1228	820	8480
776-1228	820	8480

Divide by 2 when using heads that flash simultaneously

Note: Intensity when viewing the RECT-34S from the side is 35% of the intensity rating to the front.

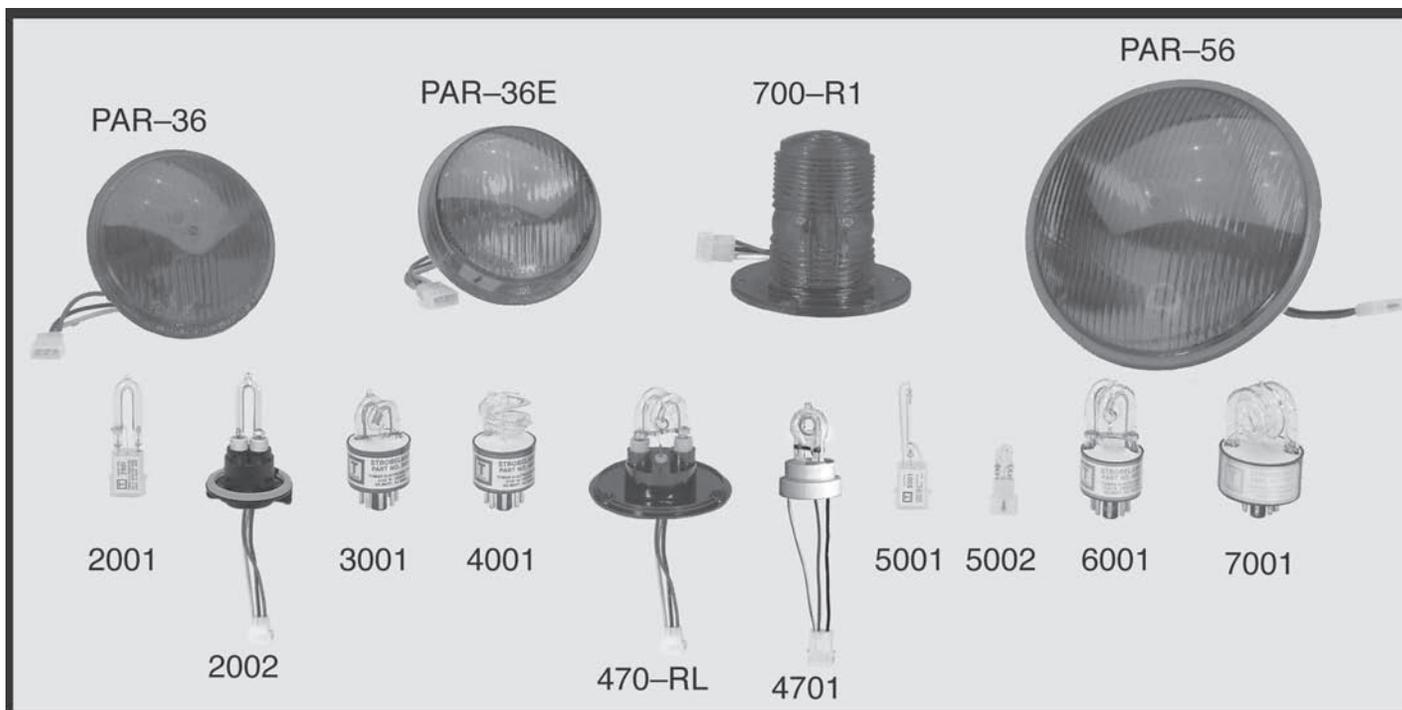
Warranty: Standard Tomar Warranty

Call, fax or email for information on enclosures:
 (surface mtg., recess mtg., bumper mtg.)

Call: 800-227-9636

Fax: 800-592-4700

Email: sales@maxi-signal.com



Strobelamps are high-intensity light sources which use glass and quartz tubing filled with xenon gas to efficiently convert 20 to 50% of the applied electrical energy into optical energy. Similarly, an incandescent light convertsonly 1 to 3% of the electrical energy into optical energy. An important feature of the xenon strobe lamp is its ability to produca high peak blue-white light output of short duration. All TOMAR strobe lamps have triggercoil potted into their assemblies except the low cost model 2001, 5001 and 5002 lamps.

ORDERING INFORMATION

SPECIFICATIONS

Model Number	Min Voltage	Max Voltage	Avg Watts	Base/Connector	Note
2001	225	450	10	3 PIN AMP	USE EXTERNAL TRIGGER
2002	225	450	10	3 PIN AMP	
3001	180	600	20	OCTAL	
4001	225	600	20	OCTAL	
470-RL-CLEAR, RED, BLUE, AMBER	200	600	20	3 PIN AMP	6" WIRE LEADS
4701 (Note 3)	225	600	20	3 PIN AMP	6" WIRE LEADS
5001	225	400	5	3 PIN AMP	USE EXTERNAL TRIGGER
5002	200	600	1	3 PIN MOLEX	USE EXTERNAL TRIGGER
6001	225	800	40	OCTAL	NON-POLAR
7001	600	2000	300	OCTAL-LARGE	QUARTZ FORCED AIR COOL
9001 (Not Shown)	225	800	20	3 PIN AMP	
PAR-36-ALL COLORS	225	600	20	3 PIN AMP	
PAR-36E-RED, BLUE & AMBER	225	600	20	3 PIN AMP	
PAR-56-ALL COLORS	225	600	40	3 PIN AMP	
700-R1-ALL COLORS	180	600	20	3 PIN AMP	

Electrical Notes

1. All lamps are triggered by discharging a 0.22 MFD capacitor charged to 200 VDC into the trigger connection.
2. All lamps are polarity sensitive except the 6001.
3. Rubber friction mount base mounts in 1" Dia. hole.

W C	Octal	Pin 2 - Anode, Pin 3 - Trigger,
I O	(Except 7001)	Pin 6 - Cathode & Trigger Grd.
R N	Octal Large	Pin 2 - Anode, Pin 3 - Trigger, Pin 5 -
I N	(7001 Only)	Trigger Grd, Pin 6 - Cathode
N E	3 Pin Amp	Pin 1 - Anode, Pin 2 - Cathode,
G C	Mate-N-Lok	Pin 3 - Trigger
T	5001	Pin 1 - Trigger HV, Pin 2 - Cathode,
O		Pin 3 - Anode
R	2001	Pin 1 - Anode, Pin 2 - Trigger,
S		Pin 3 - Cathode

Cable Kits

Cables for Lamps and Power Supplies

TOMAR multi-conductor lamp extension cables are available in eight styles to allow connecting standard lamps and power supplies to WP lamps and power supplies. STD connectors are recommended for use in clean/dry areas only; they are not water tight or weatherproof. WP connectors are recommended for use in damp/wet areas and are sealed with silicone rubber gaskets, and are rated for automotive under hood applications. The cable is shielded 3/C-16AWG 26/30 stranding annealed tinned copper color coded PVC insulated and jacketed and rated for operation. .274" O.D.



STD. FEMALE
M43A/M37A



STD. MALE
M44A/M38A



WP. MALE
M1054/M1056



WP. FEMALE
M1053/M1055

ORDERING INFORMATION

Model No.	Cable Length	Cable Type	Connector (Power SupplyEnd)	Connector (Lamp End)	Model No.	Cable Length	Cable Type	Connector (Power SupplyEnd)	Connector (Lamp End)
0.5C	6 inches	C	Standard Female	Standard Male	2-2LH	2 feet	2LH	Standard Female	Standard Male
2C	2 feet				4-2LH	4 feet			
6C	6 feet				15-2LH	15 feet			
9C	9 feet				20-2LH	20 feet			
15C	15 feet				35-2LH	35 feet			
20C	20 feet								
25C	25 feet				2-2LH-WP	2 feet	2LH-WP	WP Male	Standard Male
					4-2LH-WP	4 feet			
0.5C-WP	6 inches	C	WP Male	Standard Male	15-2LH-WP	15 feet			
2C-WP	2 feet				20-2LH-WP	20 feet			
6C-WP	6 feet				35-2LH-WP	35 feet			
9C-WP	9 feet								
15C-WP	15 feet				2-2LH-WP1	2 feet	2LH-WP1	Standard Female	WP Female
20C-WP	20 feet				4-2LH-WP1	4 feet			
					15-2LH-WP1	15 feet			
0.5C-WP1	6 inches	C-WP	Standard Female	WP Female	20-2LH-WP1	20 feet			
6C-WP1	6 feet				35-2LH-WP1	35 feet			
9C-WP1	9 feet								
15C-WP1	15 feet				2-2LH-WP2	2 feet	2LH-WP2	WP Male	WP Female
20C-WP1	20 feet				4-2LH-WP2	4 feet			
					15-2LH-WP2	15 feet			
2C-WP2	2 feet	C-WP	WP Male	WP Female	20-2LH-WP2	20 feet			
6C-WP2	6 feet				35-2LH-WP2	35 feet			
9C-WP2	9 feet								
15C-WP2	15 feet								
20C-WP2	20 feet								

*Special lengths can be made to order.