

## 780-1228 NEOBE® POWER SUPPLY

TOMAR model 780-1228 NEOBE® power supply features NEOBE® technology which produces more light per watt than any strobe power supply on the market. TOMAR's model 780-1228 NEOBE® power supply is designed to operate one to four remote strobe heads in a multiple flash alternating pattern. The unit features weatherproof design and hi-low intensity, which may be selected manually by a remote switch or automatically by remote mounted photocell. The 780-1228 operates on 12-28VDC, features head cut-out circuitry to disable sets of heads, polarity protection diode, and contains RFI filters for both high and low band. The TOMAR NEOBE® power supply features a revolutionary strobe circuit that extends the dwell time (on time) of the strobe as well as increasing the life of the strobe lamp by approximately 50%. Any TOMAR remote strobe light head will operate with the model 780-1228 power supply. The power supply is constructed with a glass filled Lexan® case and polyurethane potting.

### Ordering Information

Model No.	Description
780-1228	4 output NEOBE® multiple flash power supply, dual intensity. Head control circuitry allows activating of either set of 2 heads or all 4 lamps at the same time, 12-28VDC
780-1228-WP	(Same as above except with Waterproof connectors)

#### Power Requirements:

6.0 A avg. @12VDC, 3.0 A avg @24VDC

#### Output Power Rating:

65 Watts minimum in High Intensity  
NORMAL Flash Rate, 2 Groups Running

#### Flash Rate:

60 MFPM/Head-NEOBE rate minimum  
100 MFPM/Head-HYPER-NEOBE rate minimum

#### Flash Pattern:

5 equal power flashes per burst

#### 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:

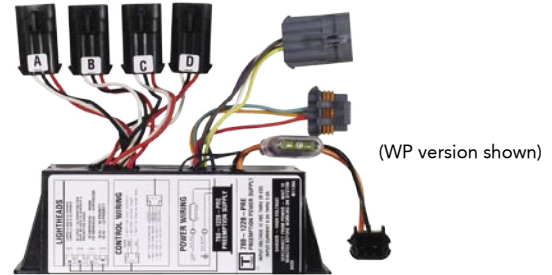
7.125"(181mm) x 3.75"(95mm) x 2.50" (64mm)

#### Weight:

3.5lbs (1.56kg.)

#### Warranty:

Ten year warranty



## 780-1228-PRE PREEMPTION POWER SUPPLY

The model 780-1228-PRE is TOMAR's newest and most advanced NEOBE®/Preemption power supply. The 780-1228-PRE provides all the warning power and reliability of our NEOBE® technology plus the crystal-locked timing accuracy necessary to generate both industry standard high and low priority preemption signals. The 780-1228-PRE can power 2 or 4 TOMAR lighthoods. Operating features include: 12-28VDC operation, high-low intensity, polarity protection, RFI filters, NEOBE®, HYPER-NEOBE®, and low/high priority preemption flash rates, plus a parking brake override feature to prevent intersection lock-up at the scene of an emergency. The 780-1228-PRE is potted for protection from weather and vibration and it is covered by an extended 10 year warranty, making the 780-1228-PRE the most reliable preemption power supply available. The power supply is constructed with a glass filled Lexan® case and polyurethane potting.

### Ordering Information

Model No.	Description
780-1228-PRE	Optical preemption power supply, 12-28VDC
780-1228-PRE-WP	(Same as above except with Waterproof connectors)

#### Power Requirements:

6.0 A avg. @ 12.8VDC, 3.0 A avg. @ 25.6VDC

#### Output Power Rating:

65 Watts minimum in High Intensity  
NEOBE Flash Rate

#### Flash Rate:

60 MFPM/Head-NEOBE  
100 MFPM/Head-HYPER-NEOBE  
Plus High and Low Priority Preemption Frequencies

#### Flash Pattern:

5 equal power flashes per burst  
\*\* NOTE: The Preemption signal is generated by a minimum of 2 alternating lighthoods.

#### Control Features:

On-Off and all features are controlled by switching positive, low current 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:

3.5lbs (1.56kg.)

#### Warranty:

Ten year warranty