

TOMAR SMALL FIRE APPARATUS  
Emergency Fire Apparatus Warning Light System  
in accordance with NFPA-1901-1999

**System:**

<u>Zone Placement</u>	<u>Qty</u>	<u>Tomar Part #</u>	<u>Description</u>
Zone A - Upper	1	930N-4805	930N-4805 Standard Light Bar has 14 Lamps total, 12 Strobe & 2 blank locations For this NFPA system compliance, specify as follows: 4 Strobes – Front (Red or Blue) 4 Strobes – Rear (Red, Blue or Amber) 1 Strobe - 45 degree Front Corner - Drivers Side (Red or Blue) 1 Strobe - 45 degree Front Corner - Passenger Side (Red or Blue) And Order Options as follows: 1 Halogen <u>Front Flasher</u> – Front Center (Red or Blue) 1 Halogen <u>Rear Flasher</u> – Rear Center (Amber only) 1 <u>Alley Halogen-Flasher</u> /Strobe - Drivers Side (Amber/Red or Amber)* 1 <u>Alley Halogen-Flasher</u> /Strobe - Passenger Side (Amber/Red or Amber)*
Zone A - Lower	2	Rect-37SWP-C	Rect-37S-Clear Waterproof Strobe Lamp
<hr/>			
Zone B - Lower**	2	Rect-37SWP-R	Rect-37S-Red Waterproof Strobe Lamp
Zone C - Lower**	2	Rect-37SWP-R	Rect-37S-Red Waterproof Strobe Lamp
Zone D - Lower**	2	Rect-37SWP-R	Rect-37S-Red Waterproof Strobe Lamp
	2	780-1228-WP	780-1228 4 Head Neobe Waterproof Power Supply

\* See color substitutions, # 1 & # 2, that are possible if optional bumper level lamps are installed

\*\*OPTIONAL bumper level perimeter warning lamps are highly recommended

**Operating description:**

This Tomar Small Fire Apparatus, is operated in the following modes:

For “Clearing the Right of Way”

Roof Level The 930N-4805 Light Bar all Lamps operating in High Intensity.

Bumper Level The 780-1228 Power Supplies are operated in **Pursuit** (Hyper) Flash Rate or **Normal** (Neobe) Flash Rate, High Intensity.

For “Blocking the Right of Way”

Roof Level The 930N-4805 Light Bar all Lamps operating in High Intensity

Bumper Level The 780-1228 Power Supplies are operated in **Normal** (Neobe) Flash Rate, High Intensity, except for the Zone A - Lower Qty 2 Rect-37SWP-C Clear Strobe Lamps are deactivated.

Note: A Small Fire Apparatus is defined by the NFPA as a vehicle less than 22 feet in length and less than 8 feet in height. In addition, the center of all optical warning lamps must be installed on the vehicle at or below 8 feet above ground level in order to fall within the NFPA definition for a Small Fire Apparatus.

TOMAR SMALL FIRE APPARATUS  
Emergency Fire Apparatus Warning Light System  
in accordance with NFPA-1901-1999

Substitutions permissible to the warning light system to comply with NFPA standards includes but are not limited to the following selections:

1. The Tomar 930N-4805 Light Bar may be ordered with  
1 Red Halogen-Flasher/Strobe - Alley Drivers Side\*  
1 Red Halogen-Flasher/Strobe - Alley Passenger Side\*  
If Qty 2 Rect-37S-R lamps are installed in both Zone B and D.
2. The Tomar 930N-4805 Light Bar may be ordered with  
1 Red Halogen Rear Flasher – Rear Center  
If Qty 2 Rect-37S-A lamps are installed in Zone C.
3. Red lamps may be substituted with Blue in any zone, or may be substituted with Amber in zones B, C or D.
4. The 780-1228 power supplies in the lower level may be operated in either Normal or Pursuit Flash Rate.
  1. The Rect-37SWP-Red may be substituted with any Zone permissible color(s).
  2. The Rect-37SWP-Red may be substituted with a Rect-79SWP-Red or other Zone permissible color(s).
  3. The use of Bezels (Rect-37-TSMF and Rect-79-TSMF) on Lower Level optical sources.
  4. The 780-1228 Power Supply operating the Lower Level optical sources may be substituted with any of the following:

772-1228 Power Supply  
770P-1228 Power Supply  
776-1228 Power Supply  
782-1228 Power Supply  
786-1228 Power Supply

provided the above power supplies are operated in High Intensity.