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LP6US

SINGLE SURFACE MOUNT WARNING SYSTEM

ASSEMBLY INSTRUCTIONS FOR
LP6US-Y, LP6US-R, LP6US-B,
AND LP6US-C

WARNING: Warning devices are strictly regulated by governmental ordinances. These devices shall be used **ONLY** on approved vehicles. It is the sole responsibility of the user of these devices to ensure compliance.



WARNING

This product contains high intensity LED devices. To prevent eye damage, DO NOT stare into light beam at close range.

MOUNTING INSTRUCTIONS

Important: DO NOT over tighten mounting screws or nuts. This could cause permanent damage to the bracket. Use appropriate hardware for mounting.

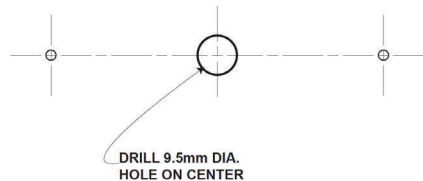
1. Locate flat mounting location for the LP6US
2. Using the gasket as a template, mark and drill pilot holes for mounting screws.

Note: The mounting holes will be slightly greater than 105mm center to center. These dimensions are for approximate reference only.

3. Drill 9.5mm hole at the center of the mounting hole pattern (see layout - do not scale).

Note: If possible, the back side of this hole should be deburred where drill breakthrough occurs.

4. Route cable through hole in gasket and make electrical connections (Red-power, Black-ground. White is for pattern selection and will be taped after selection is made). If the final location of the cable will be inaccessible, pattern selection must be made before final installation.
5. Install gasket over rear of light and loosely install unit with M4.0 self-threading screws and plastic washers. Washer must be installed under the head of the screw. Note: Gasket must be used to prevent oxidation and galvanization of the mounting surface if differing metals come in contact.
6. When final position of unit is obtained tighten screws. DO NOT OVERTIGHTEN!



IMPORTANT: DO NOT connect this device to a strobe power supply.

OPERATING INSTRUCTIONS

The LP6US comes equipped with an internal flasher with 9 user selectable patterns or it can be put into slave mode and driven through an external flasher.

1. Connect the LP6US BLACK wire to a good, convenient ground.
2. Connect the LP6US RED wire to one side of a user supplied on/off switch. Connect the other side of the switch, through a 5Amp fuse, to a source of +10-30Vdc.

PATTERN SELECTION

1. Turn LP6US ON.
2. Touching and removing the WHITE wire to ground will advance the LP6US to the next flash pattern. See flash pattern table. Continuing to touch and remove the WHITE wire to ground will allow you to scroll through the pattern list. After pattern #9 is reached the list will start over again at pattern #1.

NOTE: The LP6US is equipped with flash pattern memory. Once you have selected a pattern the LP6US will always activate to that pattern every time the unit is turned on. Tape up and secure WHITE wire so that it will not accidentally change your selected pattern.



SLAVE MODE

The LP6US is capable of being activated through the use of a user supplied flasher by putting it in slave mode.

1. Permanently connect the LP6US WHITE and BLACK wire to a good, convenient ground.
2. Connect the LP6US RED wire, through a 5 Amp fuse, to the output of a +10-30Vdc switching flasher.

NOTE: The LP6US is a factory sealed unit that CANNOT be serviced in the field. Any attempt to gain access to the LP6US unit will most likely cause permanent damage and void its warranty.

CURRENT DRAW AT 12.8Vdc

Red/Amber	0.5A
Blue/White	0.75A

WIRE HOOK-UP TABLE (TOP LED MODULE)

Wire Color	Connect to:
Red	+10-30Vdc
Black	Ground (-)
White	Pattern Select

FLASH PATTERNS for SINGLE SURFACE MOUNT LP6US (fpm=flashes/minute)

1	Steady Burn	-
2	Quint Flash	60 fpm
3	Warp Flash	300 fpm
4	Double Flash	70 fpm
5	Quad Flash	64 fpm
6	3 Flashes / Sec (Single flash)	180 fpm
7	1.9 Flashes / Sec (Single flash)	115 fpm
8	E-Single Flash	250 fpm
9	E-Double Flash	125 fpm