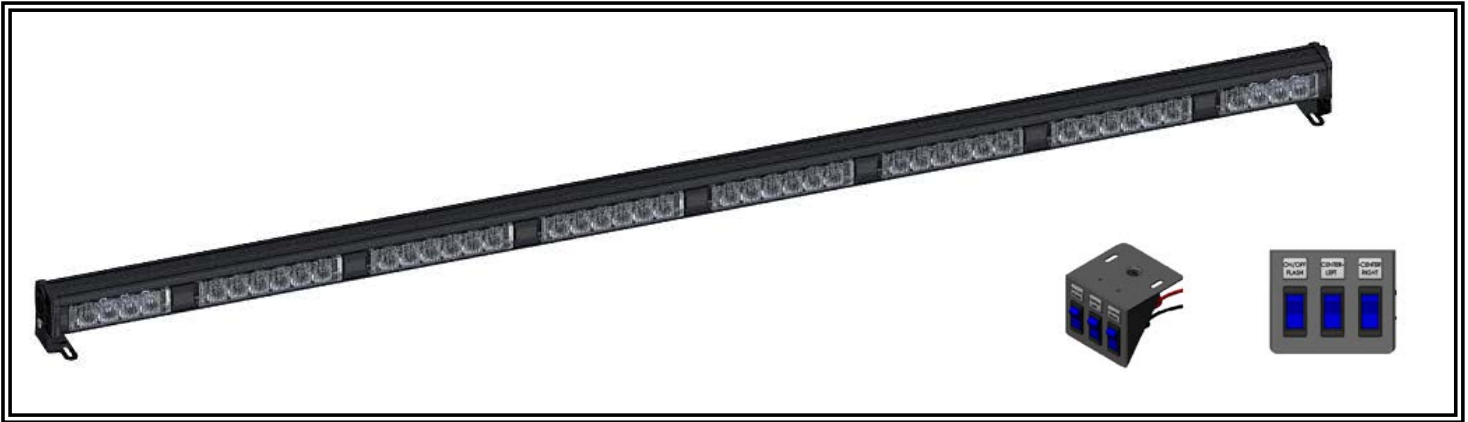




Installation & Operation Instructions Narrowstik



WARNING!

Failure to install or use this product according to manufacturers recommendations may result in property damage, serious bodily/personal injury, and/or death to you and those you are seeking to protect!



Do not install and/or operate this safety product unless you have read and understand the safety information contained in this manual.

1. Proper installation combined with operator training in the use, care, and maintenance of emergency warning devices are essential to ensure the safety of you and those you are trying to protect.
2. Exercise caution when working with live electrical connections.
3. This product must be properly grounded. Inadequate grounding and/or shorting of electrical connections can cause high current arcing, which can cause personal injury and/or severe vehicle damage, including fire.
4. Proper placement and installation are vital to the performance of this warning device. Install this product so that output performance of the system is maximized and the controls are placed within convenient reach of the operator so that s/he can operate the system without losing eye contact with the roadway.
5. It is the responsibility of the vehicle operator to ensure during use that all features of this product work correctly. In use, the vehicle operator should ensure the projection of the warning signal is not blocked by vehicle components (i.e., open trunks or compartment doors), people, vehicles, or other obstructions.
6. The use of this or any other warning device does not ensure all drivers can or will observe or react to a warning signal. Never take the right-of-way for granted. It is your responsibility to be sure you can proceed safely before entering an intersection, driving against traffic, responding at a high rate of speed, walking on or around traffic lanes.
7. This equipment is intended for use by authorized personnel only. The user is responsible for understanding and obeying all laws regarding warning signal devices. Therefore, the user should check all applicable city, state, and federal laws and regulations. The manufacturer assumes no liability for any loss resulting from the use of this warning device.

IMPORTANT: Please be sure to check that the product is properly fused. **Installing the 37048AS LED light without the appropriate fuse will void the warranty.**

Product	37048AS
Extreme Voltage	11-30VDC
Nominal Voltage	12-24VDC
Peak Input Current	4 Amp
Output Power	24 W
Flash Patterns	32
Fuse (User supplied)	5A
Storage Temperature Range	-40° ~ +90°C
Weight	5.9 lb.

Specifications:

Operating Environment:

Ambient Temperature: -10°C to 45°C

Relative Humidity: 10% to 85%, non-condensing

Mounting:

Mount the 37048AS LED light using the brackets supplied and user supplied mounting screws.

CAUTION: Check the chosen mounting location to ensure that the vehicle's structure and material is adequate to support the weight of your light. See #4 in Warning Box above.

Adjustment:

After the 37048AS light is securely installed, loosen the adjusting screws located on each end and tilt the light to the desired angle, then tighten the screws. Turn the LED light on and check the light from the front or rear of the vehicle through the window to ensure that it is at the most desirable angle, and that the light is not impeded by any obstacles and/or window tinting.

Operation:

ON/OFF FLASH SWITCH: The 3 states rocker switch used to control the LED flash brightness/ off states.

CENTER LEFT/ SWITCH: The rocker switch controls brightness from right to left.

CENTER RIGHT/ SWITCH: The rocker switch controls LED function from left to right.

Note: Both CENTER switches in UP position puts unit in CENTER operation.

ON/OFF PATTERN SELECT MODES:

DN= Turn the 2 states switch to off/Turn the 3 states switch to DOWN mode.

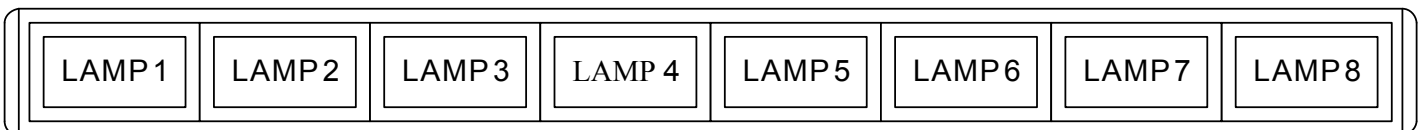
UP= Turn the 2 states switch to on/Turn the 3 states switch to UP mode.

X= Turn the 3 states switch to MIDDLE position.

※ The 3 states rocker switch in UP mode is in bright state/ in DN mode is dim state.

※ Touching the yellow wire to the black wire (ground) will change the flash patterns.

Switch Position			Operation	NOTE							
ON/OFF FLASH	CENTER LEFT	CENTER RIGHT									
X	DN	DN	OFF	OFF							
UP	DN	DN	FLASH (BRIGHT)	P1	P5	P9	P13	P17	P21	P25	P29
DN	DN	DN	FLASH (DIM)								
UP	UP	DN	RIGHT SWEEP(BRIGHT)	P2	P6	P10	P14	P18	P22	P26	P30
DN	UP	DN	RIGHT SWEEP(DIM)								
UP	DN	UP	LEFT SWEEP(BRIGHT)	P3	P7	P11	P15	P19	P23	P27	P31
DN	DN	UP	LEFT SWEEP(DIM)								
UP	UP	UP	CENTER (BRIGHT)	P4	P8	P12	P16	P20	P24	P28	P32
DN	UP	UP	CENTER (DIM)								



Note: Bilateral LAMP of the 37048AS uses 4 LED lights. The others use 6 LED lights.

37048AS FLASH PATTERN CHART

P1: FLASH							
LAMP 1	LAMP 2	LAMP 3	LAMP 4	LAMP 5	LAMP 6	LAMP 7	LAMP 8

P8: CENTER							
LAMP 1	LAMP 2	LAMP 3	LAMP 4	LAMP 5	LAMP 6	LAMP 7	LAMP 8

P2: RIGHT SWEEP							
LAMP 1	LAMP 2	LAMP 3	LAMP 4	LAMP 5	LAMP 6	LAMP 7	LAMP 8

P9: FLASH							
LAMP 1	LAMP 2	LAMP 3	LAMP 4	LAMP 5	LAMP 6	LAMP 7	LAMP 8

P3: LEFT SWEEP							
LAMP 1	LAMP 2	LAMP 3	LAMP 4	LAMP 5	LAMP 6	LAMP 7	LAMP 8

P10: RIGHT SWEEP							
LAMP 1	LAMP 2	LAMP 3	LAMP 4	LAMP 5	LAMP 6	LAMP 7	LAMP 8

P4: CENTER							
LAMP 1	LAMP 2	LAMP 3	LAMP 4	LAMP 5	LAMP 6	LAMP 7	LAMP 8

P11: LEFT SWEEP							
LAMP 1	LAMP 2	LAMP 3	LAMP 4	LAMP 5	LAMP 6	LAMP 7	LAMP 8

P5: FLASH							
LAMP 1	LAMP 2	LAMP 3	LAMP 4	LAMP 5	LAMP 6	LAMP 7	LAMP 8

P6: RIGHT SWEEP							
LAMP 1	LAMP 2	LAMP 3	LAMP 4	LAMP 5	LAMP 6	LAMP 7	LAMP 8

P12: CENTER							
LAMP 1	LAMP 2	LAMP 3	LAMP 4	LAMP 5	LAMP 6	LAMP 7	LAMP 8

P7: LEFT SWEEP							
LAMP 1	LAMP 2	LAMP 3	LAMP 4	LAMP 5	LAMP 6	LAMP 7	LAMP 8

P13: FLASH							
LAMP 1	LAMP 2	LAMP 3	LAMP 4	LAMP 5	LAMP 6	LAMP 7	LAMP 8

Troubleshooting:

The 37048AS has been factory tested and approved. If the light fails to work, check the following:

1. Press the Function Switch (User Supplied) to be sure the "Off" pattern is not selected.
2. Remove the fuse from the vehicle fuse box and check to see if it has blown.

Manufacturer Limited Warranty and Limitation of Liability:

Manufacturer warrants that on the date of purchase, this product will conform to Manufacturer's specifications for this product (which are available from the Manufacturer upon request). This Limited Warranty extends for thirty-six (36) months from the date of purchase.

DAMAGE TO PARTS OR PRODUCTS RESULTING FROM TAMPERING, ACCIDENT, ABUSE, MISUSE, NEGLIGENCE, UNAPPROVED MODIFICATIONS, FIRE OR OTHER HAZARD; IMPROPER INSTALLATION OR OPERATION; OR NOT BEING MAINTAINED IN ACCORDANCE WITH THE MAINTENANCE PROCEDURES SET FORTH IN MANUFACTURER'S INSTALLATION AND OPERATING INSTRUCTIONS VOIDS THIS LIMITED WARRANTY.

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This Limited Warranty defines specific legal rights. You may have other legal rights which vary from jurisdiction to jurisdiction. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages.



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