

Pro LED 405SA1 & 405SA2 Owner's Manual



**** Warning ****

Safety warnings for installers and operators

- Use of a warning light does not guarantee that other drivers will give you the right of way. Always drive defensively to avoid accidents.
- Route wire cables safely away from vehicle controls.
- Place light system controls within easy reach of the operator.
- Inspect your lights regularly for proper function.
- Clean your warning lights frequently with mild soap and water to ensure maximum visibility.

Power Requirements

405SA series warning lights operate in a range of 10 to 30 volts DC with a negative ground.

Function

These warning lights offer 12 flash patterns. These functions can be made to alternate between two lights when a 405SA1 is paired with a 405SA2.

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|----------------------|-----------------------|
| 1. Steady On | 7. 3-Flash (pair) |
| 2. 3-Flash | 8. 3-Flash On 3-Flash |
| 3. Slow Single Flash | 9. Fast 3-Flash |
| 4. Fast 3-Flash | 10. Fast Single Flash |
| 5. Fast Single Flash | 11. Fast 2-Flash |
| 6. 2-Flash | 12. 3-Flash On |

Installation

Use 16-gauge wire for all connections with a fuse link as close to your power source as possible.

405SA1 (Primary)

- Red - Positive, 10 to 30 Volts DC
- White - Negative, Ground
- Green - Function wire, Touch to ground to change function, Use a momentary switch
- Yellow - Connect to yellow wire of 405SA2, if applicable
- Blue - Connect to blue wire of 405SA2, if applicable

405SA2 (Secondary)

- Yellow - Connect to yellow wire of 405SA1
- Blue - Connect to blue wire of 405SA1

Warranty

Pro LED warrants the 405SA series warning lights against defects in material or workmanship for a period of 1 year from the date of purchase or delivery, whichever is later. This warranty will not apply to any unit which fails as a result of operator negligence, or which has been subjected to misuse, neglect, accidents, improper installation or disassembly.

Pro LED will not recognize claims for labor charges or any consequential damages under any circumstances. Our liability is limited strictly to the repair or replacement of any light that shall prove to be defective according to our judgement.