24 Watt LED Signal Stack Spot Light
Dual Color LED Traffic Light - NEMA 4X - Corrosion Resistant
Instruction Manual

Thank you for your purchase of the Larson Electronics WAL-TL-2X12W-C-SP LED Signal Stack Light.

IMPORTANT
READ CAREFULLY BEFORE INSTALLING THIS FIXTURE. SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE. THE WAL-TL-2X12W-C-SP MUST BE WIRED IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES. PROPER GROUNDING IS REQUIRED FOR SAFETY.

WE STRONGLY ENCOURAGE ONLY A LICENSED ELECTRICIAN INSTALL, OPERATE AND MAINTAIN THIS PRODUCT. IF YOU ARE NOT QUALIFIED OR UNFAMILIAR WITH ANY ASPECT OF THIS INSTRUCTION SHEET, CONSULT AN ELECTRICIAN. THERE ARE NO SERVICEABLE PARTS INSIDE.

WARNING: MAKE SURE POWER IS TURNED **OFF** BEFORE STARTING THE INSTALLATION OR PERFORMING ANY MAINTENANCE.

RISK OF FIRE/ELECTRIC SHOCK – DISCONNECT POWER AT BREAKER BEFORE INSTALLING OR SERVICING.
RISK OF PERSONAL INJURY – FIXTURE MAY BECOME UNSTABLE OR DAMAGED IF NOT INSTALLED PROPERLY.
RISK OF BURN – ALLOW FIXTURE TO COOL BEFORE SERVICING.

The WAL-TL-2X12W-C-SP LED traffic light is an ideal indicator lighting solution for for industrial, marine, and manufacturing facilities. The light housings are fully sealed within a waterproof aluminum chassis fixture that features a very small profile for easy and unobtrusive mounting in tight and space limited areas. The mounting plate is also made from aluminum and can be custom built to customer specifications. This multi-colored indicator light provides color output as chosen when ordering, has a 50,000 hour operational life, and is available in 120-277 VAC. We also offer a 12/24 VDC configuration for low voltage operation.

INSTALLATION

We strongly recommend only a licensed electrician install this product.

WARNING: ***Make sure power is disconnected prior to installing.***

This fixture must be mounted to a flat surface that can structurally support the load. Mounting holes are predrilled into the side flanges of the stack light back plate. Choose mounting location, lift unit into place, and drive mounting screws through the pre-drilled mounting holes in the side flanges. It may be necessary to have two people complete this installation.



WIRING

We strongly encourage only a licensed electrician install this product, in all locations, especially in outdoor areas where weatherproofing may be required.

Warning: ***Check product label for correct input voltage!***

Secure each pair of wires according to the wiring diagram shipped with your unit. Utilize a junction box or similar device and take precautionary steps for weather-proofing all connections if installed in a location where water may come in contact with the unit. Ensure the unit is properly grounded and that wiring is done according to all local and national electrical/building codes.

Note: Line-in power is connected to the wires labeled "120-277V Inbound". The lights are then individually wired via the wires labeled 9-32V and the corresponding color (this will be the + for the light it corresponds to), which is then mated with the 9-32V DCP wire to power the light (this will be the - to complete the connection for each light). Final configuration and controller or switch setup is left to the installer. Lights can be setup to operate independently, or separately, depending on the controller or switch being used.

MAINTENANCE

There are no serviceable parts inside the fixture. However, it is good practice to routinely clean and check the fixture for proper function.

- Disconnect power running to the lamp and be sure the fixture is cool to the touch.
- Use a non-abrasive glass cleaning solution to clean the lens.

Note: *It is not necessary to open the fixture and clean or touch the LED's.*

USE AND CARE

Unauthorized modification may impair the function and/or safety of this device and could affect the life of the equipment. Always check for damaged or worn out parts before using the device. Store it in a secure place out of the reach of children when not in use. Inspect for good working condition prior to storage and before re-use.

REPLACEMENT PARTS

The WAL-TL-2X12W-C-SP is designed to provide years of reliable performance. Should the need for replacement parts arise, please contact Larson Electronics.

THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-877-348-9680 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.