

LED Strip Light Installation Instructions

STS Series

General Guidelines

- All user-installed wiring must meet NEC® or local codes
- 18/2 solid or stranded thermostat wire is recommended from the converter to the LED fixtures and between fixtures. (if using stranded wire, make certain it is not frayed)
- Do not exceed wattage load for converter being used. *See converter selection chart.*
- Calculate fixture wattage loads to prevent converter overload (approximately 1.25 watts per foot) *See converter selection chart.*
- Limit wire length to 30 feet from converter to light fixtures
- Locate converters in accessible and well ventilated area. **DO NOT LOCATE CONVERTER IN ATTIC OR INSIDE SAUNA!**
- Switches must be placed on the 120 volt side of the converter
- A wireless dimmer option is available. See your sauna dealer for details.

Important Installation Information

STS Series LED light fixture strips may NOT be field cut. Order correct size fixtures and connect with 16/2 solid core thermostat wire. Maintain polarity between fixtures.

Pre-Wiring

Run 18/2 solid or stranded thermostat wire from the first LED fixture to the appropriate size converter for the fixture(s) being installed. Connect converter to a switched 120 volt circuit.

Installing Fixtures

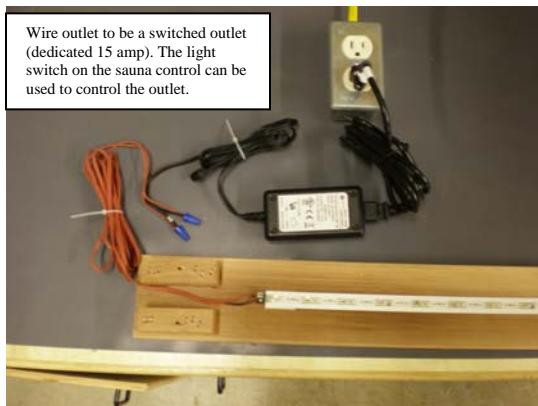
1. Strip ¼" insulation from red converter wire and insert into terminal block opening with white marking. Tighten with a small flathead screwdriver. Strip black wire, insert into remaining terminal block opening and tighten. **CAUTION: Do not overtighten!**
2. Cut wire to fit between adjacent fixtures (if applicable). Insert wires into terminal blocks, maintaining polarity (red wire to white terminal, black wire to remaining terminal) NOTE: MAINTAIN POLARITY AT ALL TIMES.
3. Mounting surface must be clean and dust-free for mounting tape to adhere.
4. Remove backing from mounting tape and press fixture securely into place.

Converters are available in 6 watt, 15 watt and 24 watt capacities and the LED strips are available in 31" and 49" lengths (1.25 watts per foot). Please use the chart below to properly size the converter for the most common applications.

Converter Selection Chart

Qty one 31" strip	6W converter
Qty one 49" strip	6W converter
Qty two 31" strips	15W converter
Qty three 31" strips	15W converter
Qty two 49" strips	15W converter
Qty three 49" strips	24W converter
Qty four 49" strips	24W converter

Note: If your application will exceed 60 watts, you will need to install 2 converters and split your LED fixtures into two separate circuits with both converters being supplied by the same switched 120 volt circuit.



Saunatec, Inc. 1 Year Limited Warranty L.E.D. Light Strip, Converter, & Wireless Dimmer

Saunatec, Inc. warrants that Saunatec L.E.D. light strips, L.E.D. converters, and wireless dimmers are free of manufacturing defects both as to workmanship and material and will replace or repair defective parts for the period of time and in accordance with the conditions set forth below.

Application: This warranty applies when the warranted product (a) is installed in accordance with the installation instructions provided, (b) is properly and reasonably maintained, and (c) has not been subject to damage, misuse or abuse.

Duration of Warranty: Saunatec Inc or its authorized representative will provide parts to replace those with manufacturing or workmanship defects for a period of one (1) year from the original date of installation.

Labor: In-field labor is not covered for replacement or repair of Saunatec Inc lighting systems.

Return Goods Authorization (RGA): An RGA number, assigned by a Saunatec Inc representative must accompany all returned parts. Parts which are returned with out an RGA may be refused or may not be replaced or repaired.

Claim Procedure: Requests for repair or replacement, an RGA number or other warranty information shall be directed to Saunatec Inc by calling toll-free 1-800-780-4427 or via e-mail at techsupport@saunatec.com or written mail at Saunatec Inc.,575 East Cokato Street, Cokato, MN, 55321. Defective parts returned for repair or replacement must be shipped prepaid to Saunatec Inc at the above address. Shipping costs for return of replacement product(s) to the purchaser will be at the expense of the purchaser.

Limitations, Exclusions and Remedies: There are no warranties which extend beyond the descriptions of the face hereof. This limited warranty is in lieu of all warranties, expressed or implied, and all other obligations or liabilities on the part of Saunatec Inc. There shall be no implied warranty of merchantability. Saunatec Inc neither assumes nor authorizes any person to assume for it any other obligation or liability in connection with the sale of it's products.

Damages for breach of this warranty shall not exceed the lesser of the cost of repair or replacement. Repair or replacement shall be the exclusive remedy available to the purchaser.

Under no circumstances shall Saunatec Inc be liable by virtue of this warranty or otherwise for any special, indirect, secondary, incidental, or consequential damage of any nature to any person or property arising directly or indirectly out of the use or inability to use a warranted product.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations and exclusions may not apply to you.

Disputes: Any lawsuit alleging breach of this limited warranty shall be commenced within one year from the date of breach.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Saunatec LED warranty.doc