

RST INDUSTRIAL STRIP KIT 4' AND 8'

Description

Envirobrite's® RST industrial reflector strip kits are used to re-lamp or de-lamp 4' and 8' T12 and older T8 industrial strip fixtures. The result is substantial energy savings and improved lighting with excellent returns on investments. All Envirobrite® strip kits have four different specialized material options and two up-light material options. Utilizing our Cost-A-Mized program will provide an endless variety of widths to fit any application. These kits, in conjunction with numerous ballast and lamp configurations, can easily produce ideal IES recommended light levels with minimized energy consumption. Envirobrite® kits will continue to provide consistent fixture performance and repeat annual energy savings for up to 25 years.

Application

Since 1994, millions of reflector and industrial strips have been successfully de-lamped or re-lamped with Envirobrite® kits. These kits are recognized worldwide as the industry leading retrofit kit for the majority of all commercial 1x4 and 1x8 fixtures. Its ideal optics, universal fit configuration and flexible patented clip strip bracketing system allows proper fit in many commercial and industrial locations.

Design

Envirobrite® kits are designed by our expert in house lighting engineers for ideal photometry and trouble-free installation. Every Envirobrite® kit is designed to meet UL 1598B specifications. Integral to ideal kit functionality is the combination of our "Clip Strip" bracketing system which was designed to handle unknown, or numerous channel sizes between 4.0" - 5.25". Envirobrite® reflectors are fabricated with Energy Planning Associates custom-made multi-stage progressive roll forming machinery. Our unique high speed equipment consistently produces multi-faceted linear fluorescent reflectors within precise quality tolerance. Our process enables us to add additional facets for superior reflector performance significantly reducing production cost and improving lead times. Our rigid, light weight bracketing systems are produced with custom designed stamping dies and are very easy to install. As with all Envirobrite® products Cost-A-Mized solutions are available to meet every customer's needs.

Quick, Safe and Labor Efficient Installation

- Two 4' kits can be used to retrofit 8' sections
- Snap-in lamp holders won't fall out during overhead installation
- Streamlined packaging for easy job site material management
- Toolless ballast access for simple maintenance
- With 1/3 the weight of steel aluminum components permit reduced shipping cost and simpler installation
- Rounded edge "Clip Strip" bracket adjust to any channel between 4.0" and 5.25"

LIMITED PRODUCT WARRANTY

Energy Planning Associates warrants for a period of 5 years from the date of purchase that all Envirobrite® fixtures will be free of defects from manufacturing and workmanship. This warranty excludes damage of any kind resulting from improper installation, misuse, abuse, accidents, or natural disasters. Energy Planning will repair, or at its option, replace the defective product and only when the product is properly handled, installed, and maintained.

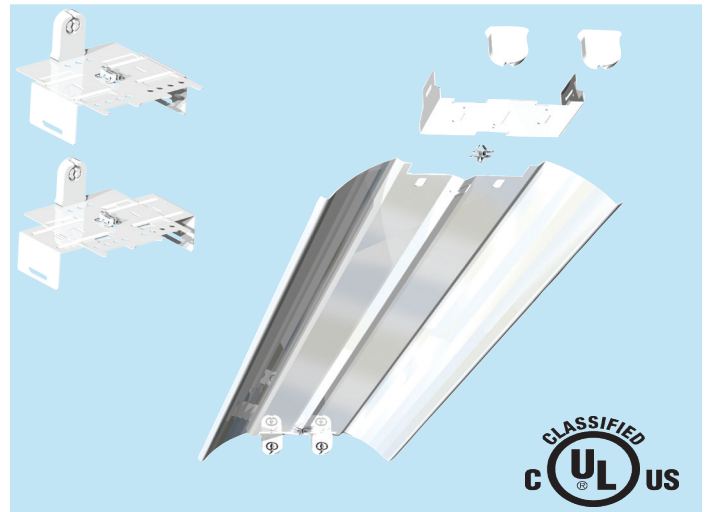


Project Information

Project Name _____

Fixture Number _____

Date _____ Type _____



Primary Features and Benefits

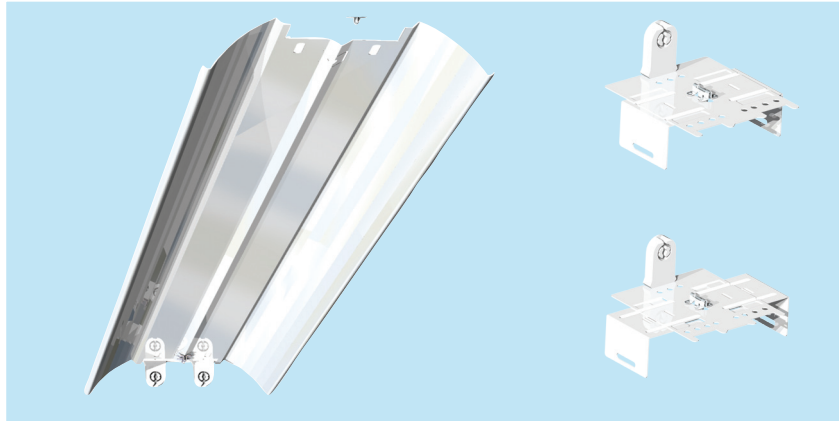
- Proudly designed, made and manufactured in the USA
- Considerable reduction in energy costs
- Utility rebate friendly throughout the USA
- Reflectors meet UL classified ballast covers
- Significant reduction in maintenance costs
- 1, 2, or 3 lamp options available
- Superior lighting directly to the work plane
- Aluminum components generate a rust-free approach to less maintenance and lasting appeal

Standard RST 1400 4' Series Kit Includes

- (1) 1400 series aluminum reflector made from your choice of specified material (95% Enhanced Specular, 93% Micro Matte, or 92% White-painted Aluminum with up-light options as well
- (2 or 4) specified shunted or unshunted high quality chemical resistant thermoplastic body UL approved lamp holders
- (2) quarter turns when ordered with a reflector
- (5) tek screws

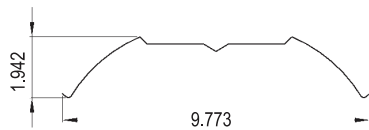
Standard RST 1800 8' Series Kit Includes

- (2) 1400 series aluminum reflector made from your choice of specified material (95% Enhanced Specular, 93% Micro Matte, or 92% White-painted Aluminum with up-light options as well
- (4, 6 or 8) specified shunted or unshunted high quality chemical resistant thermoplastic body UL approved lamp holders
- (4) quarter turns when ordered with a reflector
- (10) tek screws

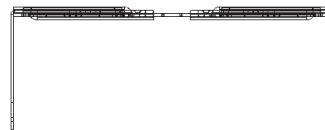


Side View

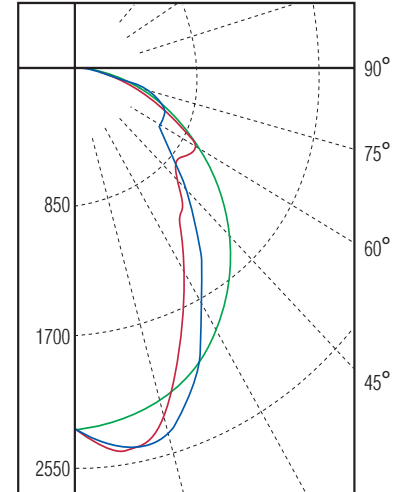
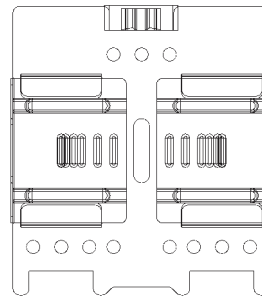
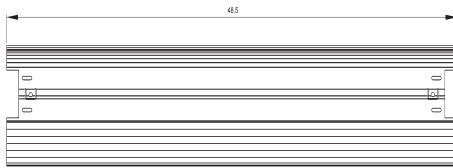
Side View



Top View



Top View



0° Candela Plot
45° 2 Lamp T8
90°

| ZONAL LUMEN SUMMARY | | | |
|---------------------|--------|--------|-------------|
| Zone | Lumens | % Lamp | % Luminaire |
| 0 - 30 | 1810 | 30.7 | 31.5 |
| 0 - 40 | 2797 | 47.4 | 48.6 |
| 0 - 60 | 4527 | 76.7 | 78.7 |
| 0 - 90 | 5747 | 97.4 | 99.9 |

RST1402T832ENCCLSLST used for test
Total Luminaire Optical Efficiency = 97.5%

Luminaire Spacing Criterion
0 deg - 1.3 90 deg - 1.0
Call factory for full photometric report

Ordering Information

Sample number: RST1402T832ENCCLSLST (Indicates most widely used kit)

Project Fixture Number: _____

| Type | Dimension | Lamps | Lamp Type | Reflector | Bracket Type | Lampholder Type |
|-------|------------------------------|---|------------------------------------|--|---|---|
| • RST | • 14 = 1 x 4 • 18 = 1 x 8 | • 01 = 1 Lamp • 02 = 2 Lamp • 03 = 3 Lamp • 04 = 4 Lamp • 06 = 6 Lamp | • T832 = 32watt • T554 = 54watt | • EN = 95% Specular Enhanced • EU = 95% Enhanced Specular upright • WN = 92% White • WU = 92% White Uplight • MN = 93% Micro Matte | • CCLS = clip strip • C043 = 4.3 • C050 = 5.0 | • LST = Lampholder Shunted Tall • LSS = Short Shunted Twist Lock • LUS = Short Unshunted Twist Lock • LUP = Unshunted T5 Plunger |

Contact factory for additional options including lamp and ballast combination

For added efficiency include high quality T5 or T8 lamps with either instant or programmed start ballasts. Adding an Envirobrite® approved motion sensor system to your retrofit project will further enhance energy savings and create an even faster payback.