

# envirobrite

ENERGY PLANNING ASSOCIATES

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## RC8 SERIES STRIP CHANNEL COVER KIT

8' Ballast Cover Kit

### Description

Envirobrite's® RC8 Strip Channel Cover kits are used to convert 8' T12 and older T8 lamp channel fixtures measuring 5-1/2" or greater in width resulting in substantial energy savings, improved lighting with excellent returns on investments. Envirobrite® kits are made of lightweight aluminum channels and can be fitted with an Envirobrite® reflector to further enhance your fixtures functionality. 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

Envirobrite's® ability to customize the widths of our channel covers will enable a perfect fit for any application. Like our other kits, Envirobrite® channel covers are recognized worldwide as the industry leading retrofit kit for the majority of all industrial and commercial fixtures. Its ideal optics, flexible fit configuration and multi-lamp options will give flexibility to any retro-fit project.

### Design

Envirobrite® Strip Channel Covers are 100% high quality white painted aluminum manufactured in our facility using today's latest machinery. Each eight foot kit comes complete with UL approved components. Envirobrite® channel cover kits are designed by our expert in house lighting engineers for ideal photometry and trouble-free installation. Every kit is designed to meet UL 1570 specifications for safety. Each kit can be made to order to ensure an ideal fit. As with all Envirobrite® products Cost-A-Mized solutions are available to meet every customer's needs.

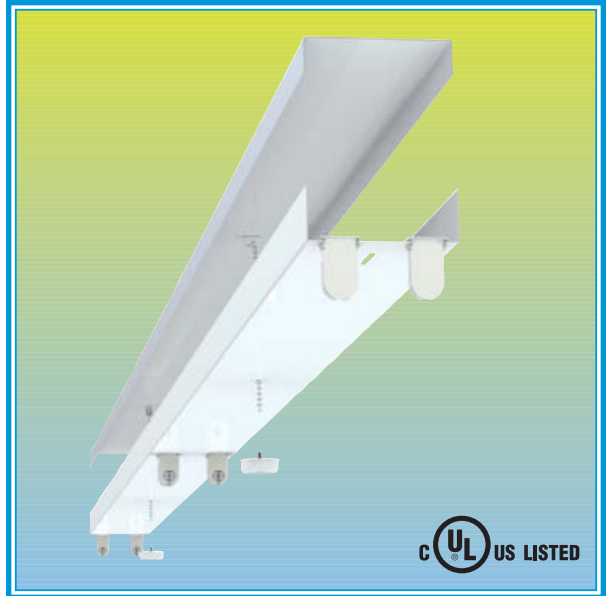
### Primary Features & Benefits

- Proudly Designed, Made and Assembled in the USA
- Utility rebate friendly throughout the U.S.
- Significant reduction in maintenance costs
- 1, 2, or 3 linear rows of lamps available
- Aluminum components generate a rust-free approach to less maintenance and lasting appeal
- Considerable reduction in energy costs
- UL classified ballast covers
- Ballast pre-wired option attached to channel
- Superior lighting directly to the work plane
- 48" lampholder spacing set at factory – no bracket re-centering required

### Quick, Safe and Labor Efficient Installation

- One Piece construction
- Toolless Ballast covers connect via beaded chain for simple installation and maintenance
- Snap-in lamp holders won't fall out during overhead installation
- Streamlined packaging for easy job site material management
- With 1/3 the weight of steel aluminum components permit reduced shipping cost and simpler installation

*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.*

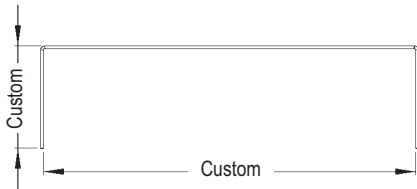


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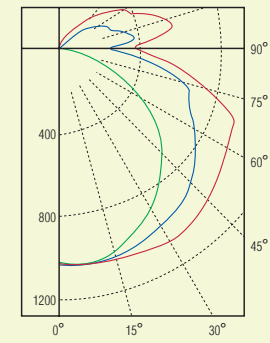
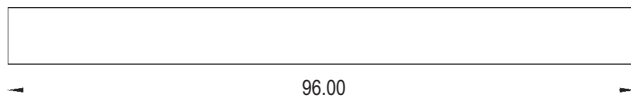


## Kit Dimensions

Ballast Cover Side View



Top View



0° — Candela Plot  
45° — 4 Lamp T8  
90° —

### Zonal Lumen Summary

Zone Lumens % Lamp Fixture

0-30	852	14.4	15.6
0-40	1450	24.6	26.6
0-60	2838	48.1	52.1
0-90	4407	74.7	80.9

### Standard RC8 8' 8000 Series Kit includes

- (1) 8000 series aluminum one piece ballast cover bent to specified channel width (standard width: 5.87")
- (4) 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

**RC81804T832WAC043LST used for test**

Total Luminaire Optical Efficiency = **92.4%**

Luminaire Spacing Criterion

0 deg - **1.3**                      90 deg - **1.6**

Call factory for full photometric report

### Ordering Information

Sample number: **RC81804T832WAC055LST**

TYPE	DIMENSION	LAMPS	LAMP TYPE	REFLECTOR
<input type="radio"/> RC8=Strip Ballast Cover Kit (8000 series)	<input type="radio"/> 18=1x8	<input type="radio"/> 02=2 Lamp	<input type="radio"/> T832=32W	<input type="radio"/> EN=95% Miro 4 Enhanced
		<input type="radio"/> 04=4 Lamp	<input type="radio"/> T554=54W	<input type="radio"/> WN=91% White
		<input type="radio"/> 06=6 Lamp		<input type="radio"/> WA=White Painted Aluminum

*REQUIRED FOR STRIP FIXTURE PRODUCTS *Call factory for custom widths	LAMPHOLDER TYPE	INSERTION METHOD
<input type="radio"/> C068=6.75	<input type="radio"/> LS= Shunted	<input type="radio"/> T=T8 Tall Twist Lock (Standard)
<input type="radio"/> C06088=8.75	<input type="radio"/> LU= Unshunted	<input type="radio"/> N=T8 Short Snap In Twist Lock
<input type="radio"/> C06055=5.5 <input type="radio"/> C090=9.0		<input type="radio"/> P=T5 Plunger Socket