

envirobrite

ENERGY PLANNING ASSOCIATES



BALLAST COVER KIT

1x4 & 1x8 Ballast Cover Kits

Description

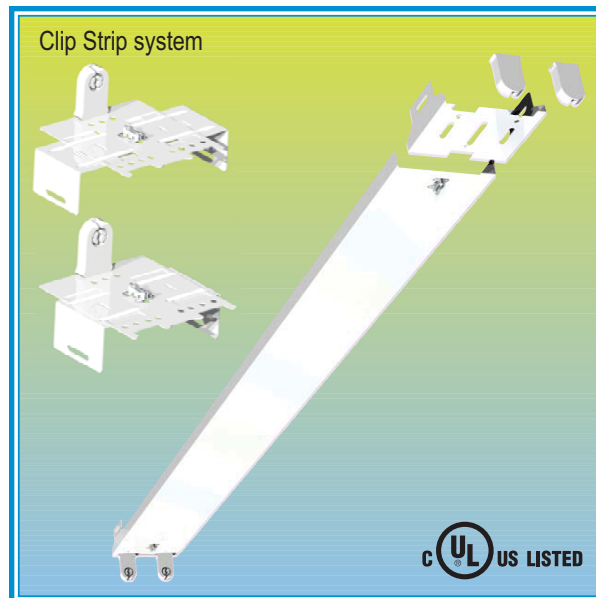
Envirobrite's® RBC Ballast Cover kits are used to convert 4' and 8' T12 and older T8 lamp fixtures resulting in substantial energy savings, improved lighting with excellent returns on investments. These kits, in conjunction with several ballast and lamp configurations, can easily produce ideal IES recommended light levels with minimized energy consumption. Envirobrite® kits will continue to provide consistent fixture performance and repeat annual energy savings for many years to come.

Application

Since 1994, Envirobrite® has converted thousands of 1x4 and 1x8 channel strips. These kits are recognized worldwide as the industry leading retrofit kit for the majority of all industrial, commercial and retail facilities. Add the flexibility of our patented Clip Strip stamped bracketing system or utilizing our Cost-A-Mized program and the 300 series strip channel kit will allow proper fit in almost any application.

Design

Envirobrite® ballast cover kits are designed by our expert in house lighting engineers for trouble-free installation. Every Envirobrite® kit is designed to meet UL 1570 specifications for safety. Integral to ideal kit functionality is the combination of our optional clip strip bracketing system which allows multiple lamp options. Envirobrite® channel covers are fabricated with Energy Planning Associates custom-made multi-stage progressive roll forming machinery. Our unique high speed equipment consistently produces channel widths to your specified dimensions within precise quality tolerance. Our rigid, light weight bracketing systems are produced with custom designed stamping dies and are very easy to install. As with all Envirobrite® products our Cost-A-Mized program is an ideal solution for modification from our standard line and ensures an ideal fit.



Primary Features & Benefits

- Proudly Made and Assembled in the USA
- Utility rebate friendly throughout the U.S
- Significant reduction in maintenance costs
- Aluminum components generate a rust-free approach to less
- Considerable reduction in energy costs
- UL classified toolless ballast covers – quarter turn
- Flexibility for tandem wiring applications
- Unique and patented “Clip Strip” bracket is reversible for

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
- Three piece construction
- Toolless ballast access for simple maintenance
- With 1/3 the weight of steel aluminum components permit reduced shipping cost and simpler installation

“Clip Strip” Bracket – 1000 Series

- Adjusts to any channel size between 4.0” to 5.25”
- Reversible for one, two or three lamp configurations
- Tek screw slots for easy 48” lamp centering
- Locking lampholder notches
- Rounded edges for installer safety

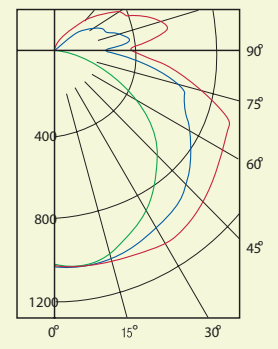
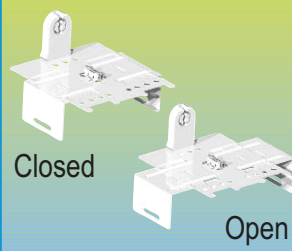
For added efficiency include high quality T5 or T8 lamps with either instant or programmed start ballasts. Adding an Envirobrite® approved motion sensor system to your retrofit project will further enhance energy savings and create an even faster payback.



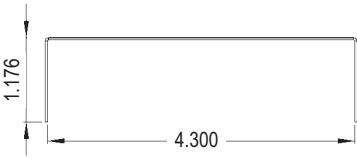
300 Series Ballast Cover



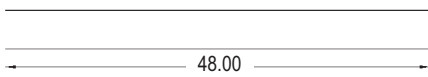
Clip Strip Bracket



Ballast Cover Side View



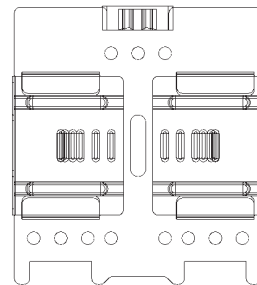
Top View



Bracket Side View



Top View



0° — Candela Plot
45° — 1 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
0-180	5447.7	92.3	100.0

RBC1402T832WACCLSLST 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

Standard 1x4 Kit includes

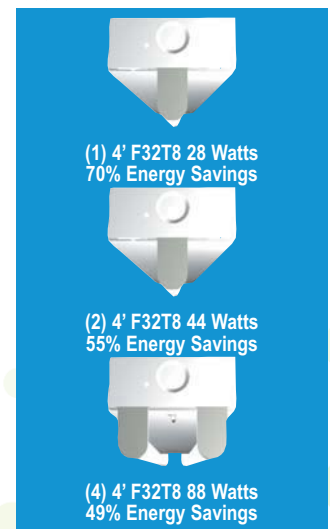
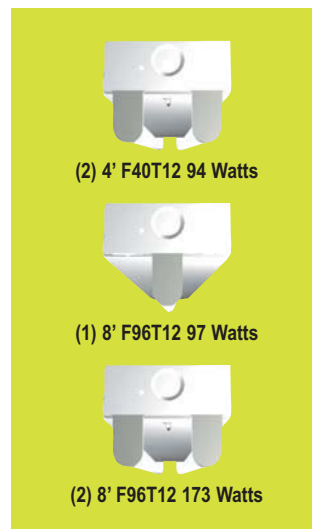
- (1) 300 series white painted aluminum ballast cover
- (2) "Clip Strip" reversible white-painted aluminum bracket adjustable to any channel size between 4.0" to 5.25"
- (2 or 4) specified shunted or unshunted high quality chemical resistant thermoplastic body UL approved lamp holders
- (2) Quarter turns
- (5) tek screws

Standard 1x8 Kit includes

- (2) 300 series white painted aluminum
- (4) "Clip Strip" reversible white-painted aluminum bracket adjustable to any channel size between 4.0" to 5.25"
- (4 or 8) specified shunted or unshunted high quality chemical resistant thermoplastic body UL approved lamp holders
- (4) Quarter turns
- (10) tek screws

Ordering Information

Sample number: **RBC1402T832WACCLSLST**



TYPE	DIMENSION	LAMPS	LAMP TYPE	REFLECTOR
○ RBC=Strip Ballast Cover Kit (300 series)	○ 14=1x4	○ 01=1 Lamp ○ 04=4 Lamp	○ T832=32W	○ WA=White Painted Aluminum
	○ 18=1x8	○ 02=2 Lamp ○ 06=6 Lamp	○ T554=54W	
		○ 03=3 Lamp		

*REQUIRED FOR STRIP FIXTURE PRODUCTS	LAMPHOLDER TYPE	INSERTION METHOD	KIT PACK
○ CCLS=Clip Strip	○ LS= Shunted	○ T=T8 Tall Twist Lock (Standard)	○ PK10=Bundled Pack of 10 Kits
○ C043=4.3	○ LU= Unshunted	○ N=T8 Short Snap In Twist Lock	○ PK30=Bundled Pack of 30 Kits
○ C050=5.0		○ P=T5 Plunger Socket	