

Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	

## COSMOS TUNABLE CENTER BASKET TROFFER



The **Cosmos Tunable Center Basket Troffer** are ideal replacements for 2x2 and 2x4 fluorescent troffers. They're designed for gridded ceilings in offices, schools, airports, retail, hospitality, and healthcare facilities. These fixtures utilize a modern yet classic design with an industry-leading 135 lumens per watt.

### FEATURES

- cULus Listed
- 100-277VAC
- Quick installation in under five minutes
- External, UL Listed, Class-2, Constant Current Driver
- Comes with a mounting bracket
- Suitable for damp locations
- 0-10V Dimming
- 10 year or 50,000 hours non-prorated warranty
- Emergency battery option available

### APPLICATIONS

- Offices
- Schools
- Airports
- Retail
- Hospitality
- Healthcare



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## ORDERING INFORMATION

MODEL NO.	SIZE (FEET)	POWER SELECTABLE	MAX LUMENS	VOLTAGE	CRI	CCT SELECTABLE	BEAM ANGLE (DEG)	MIN. ORDER	US STOCK
ECO-ZY-T4-10W/15W/20W/25W-30/40/45/50K	2'x2'	10/15/20/25W	3400	100-277VAC	80+	3000/4000/4500/5000K	120°	2	Y
ECO-ZY-T4-10W/15W/25W/36W-30/40/45/50K	2'x2'	10/15/25/36W	4930	100-277VAC	80+	3000/4000/4500/5000K	120°	2	Y
ECO-ZY-T7-10W/15W/20W/25W-30/40/45/50K	2'x4'	10/15/20/25W	3400	100-277VAC	80+	3000/4000/4500/5000K	120°	2	Y
ECO-ZY-T7-10W/15W/25W/36W-30/40/45/50K	2'x4'	10/15/25/36W	4930	100-277VAC	80+	3000/4000/4500/5000K	120°	2	Y
ECO-ZY-T7-20W/30W/40W/50W-30/40/45/50K	2'x4'	20/30/40/50W	6320	100-277VAC	80+	3000/4000/4500/5000K	120°	2	Y

## TECHNICAL SPECIFICATIONS

Beam Angle	120°
CCT-Selectable	3000K/4000K/4500K/5000K
CRI	80+
Efficacy	>135 lm/W
Input Voltage	100-277 VAC
Power Frequency	50-60 Hz
Power Factor	>0.99
Certifications	cULus Damp Location Listed, FCC
Housing Material	Steel + PC
Rated Life (L70)	50,000 hours
Warranty	10 Years or 50,000 hours non-prorated
Operating Temperature	-22°F to 104°F

\*Data is based upon tests performed in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.

\*IES files provided on request.

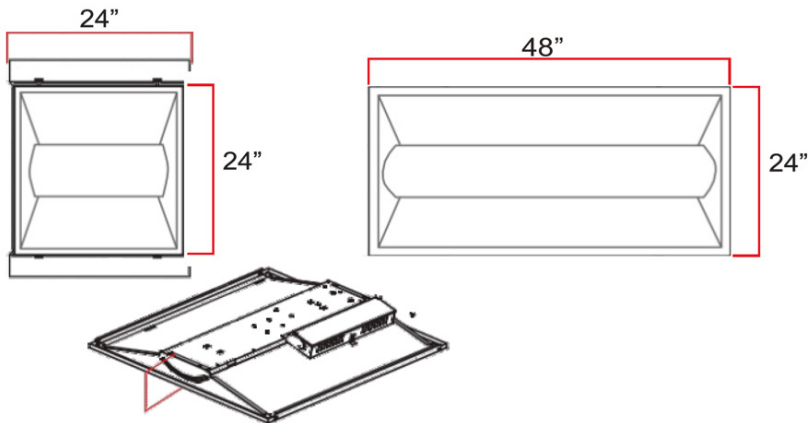
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## CONTROLS

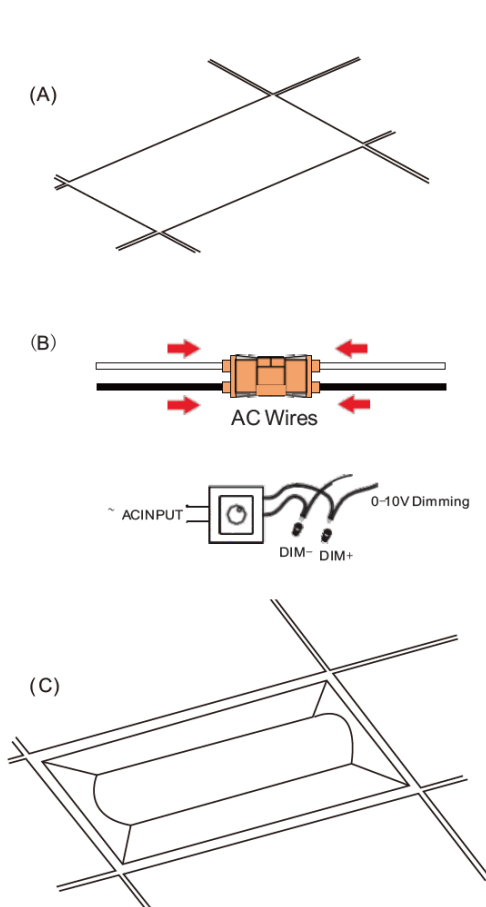
Control Options: CCT-Selectable, Power-Selectable, 0-10V Dimmable.

## DIMENSIONS

Unit: mm[inch]



## INSTALLATION INSTRUCTIONS



### Retrofit Procedures:

1. Turn OFF the power to the fixture at the breaker panel before installation.
2. Open the diffuser from the light fixture.
3. Remove the fluorescent tubes and dispose of them properly.
4. Remove the ballast cover and disconnect the host fixture ballast from the main.
5. Remove existing lamps, door frame (if applicable), reflector, and ballast cover. Depending on clearance space, ballast may need to be removed (A).
6. Connect AC wires and/or dimming wires (B).
7. Recess the troffer to the T-bar of ceiling (C).
8. Turn ON the power to the fixture at the breaker panel.

### CAUTION:

- Risk of fire. Do not install this troffer in a pre-heated luminaire.
- Risk of electric shock. Install wearing gloves.
- Access above ceiling required. DO NOT cover fixture with insulation.
- These troffers are 0-10V dimmer compatible.
- If the troffer exhibits undesirable operation (i.e. buzzing, flickering, etc.), immediately turn off the power, remove the troffer from the old housing, and contact the manufacturer.
- Do not do a mass installation before testing a sample.