

# EcoTroff™

1x2 Linear Troffer, Model # LT1x2 , Part # LT12



Intelligent Lighting Technologies Inc

## Product Description

Specification-grade, recessed, lay-in T-Bar luminaire featuring a shallow elliptical center lens. For use with indoor applications where high-efficiency, high performance and ease of installation are required.

The EcoTroff LT12 operates with E26 standard Medium-base bulbs only. Rated for 120 Volts.

Do not exceed 25watts per bulb, Max power 25Wx4

## Features

- Light source are replaceable LED bulbs
- Supports standard medium-base bulbs
- Uniformly lit lens/even light distribution
- Ultimate flexibility, maximum control of colours & brightness
- Economical with minimal manufacturing costs
- ECO Friendly eliminating harmful wasteful parts
- Interoperable with building management systems, smart systems, Wi-Fi, Blue tooth, etc.
- Thermal protected

## Optical System

Frosted ribbed linear extruded acrylic diffuser offers high levels of efficiency and visual comfort. Indirect reflectors are precision formed and contoured to provide soft, low-glare, indirect illumination, while maintaining high-efficiency and a wide, uniform light distribution.

## Mounting

This luminaire has been specifically designed for T-Bar applications. Holes provided for chain-mounting support to building structure with integral earthquake clips.

## Construction

Die-formed and riveted, heavy-gauge steel housing assembly. Precision-formed steel reflector. Wiring access plate and knockouts are provided on back of housing. Finish White, polyester powder painted housing.

## Finish

White, polyester powder painted housing.

## Applications

Commercial	Residential
• Office Areas	• Garages
• Retail Stores	• Basements
• Classrooms	• Workshops
• Corridors	• Rec rooms
• Hospitals	• Kitchens

## Specification

EcoTroff Troffer sizes	Bulb Base	Max # Bulbs	Max Watts / bulb	Max Total Watts	Thermal Protector	Hours	Colour unlimited	Certification	Warrantee	Dimmable	Lumens
1x2(LT12)	e26	4	25W	100W	65°C / 149°F	Varies with bulb Choices	Varies with bulb Choices	UL / ULC	15 year	when used with dimmable Bulbs	Up to 16,000 lumens
1x4(LT14)	e26	8	25W	200W	65°C / 149°F	Varies with bulb Choices	Varies with bulb Choices	UL / ULC	15 year	when used with dimmable Bulbs	Up to 32,000 lumens
2x2(LT22)	e26	4	25W	100W	65°C / 149°F	Varies with bulb Choices	Varies with bulb Choices	UL / ULC	15 year	when used with dimmable Bulbs	Up to 16,000 lumens
2x4(LT24)	e26	8	25W	200W	65°C / 149°F	Varies with bulb Choices	Varies with bulb Choices	UL / ULC	15 year	when used with dimmable Bulbs	Up to 32,000 lumens

## Bulb Warrantee

Bulbs are not warrantied by Intelligent lighting technologies  
all bulbs follow their own manufacturer warrantees

## Approval



## Patented



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## Dimensions

EcoTroff Troffer sizes	Length Inches / mm	Width Inches / mm	Depth Inches / mm
1x2(LT12)	23 ¾" / 603mm	11 ¾" / 298mm	5 ½" / 140mm
1x4(LT14)	47 ¾" / 1213mm	11 ¾" / 298mm	5 ½" / 140mm
2x2(LT22)	23 ¾" / 603mm	23 ¾" / 603mm	5 ½" / 140mm
2x4(LT24)	47 ¾" / 1213mm	23 ¾" / 603mm	5 ½" / 140mm

EcoTroff Manufactured by

