

Lightology

lightology.com
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02-13-26

Project:

Company:

Location:

Fixture Type:

SPEC #: **EDG1200983**

Approved On:

Approved By:

TruLine 1A 5W 24VDC Plaster-In LED System

By PureEdge Lighting



Description

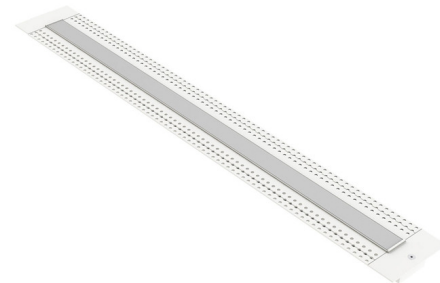
The TruLine 1A Plaster-In 24VDC LED system provides smooth and glare-free general illumination using designer-grade high CRI LEDs. TruLine 1A recesses within 5/8 inch drywall without any joist modification. The slim extrusions, LED strips, and lenses are field-cuttable. Includes 5 watts/foot LED module in 2700K Static White, 3000K Static White, 2700K (to 1800K) Warm Dim or 3000K (to 1800K) Warm Dim color temperature options. Can be installed on a single surface, join runs on multiple planes from wall to ceiling, or from one wall to an adjacent wall. Use TruLine 1A Build-It-Yourself (BIY) with pre-formed components to create desired configurations including mitered picture frame and outside or inside corners for room wrapping installations. Included components: TruLine 1A channel(s), LED Soft Strip, TL1A Junction Box, Take-Up Box, Adjustable Mounting Bars, Mounting Strap, Power End Cap, Drywall Screw, and Lenses. System requires a 24 volt electronic low voltage (ELV) PS-60L-ELV-24VDC power supply (ELV dimming) which fits inside junction box or remote Universal (UNI) power supply (TRIAC/ELV/0-10V dimming), sold separately. Note: Required power supply, dimmer, and optional mounting components sold separately. Product is built to order.

Specifications

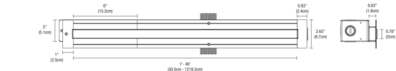
COLOR	N/A
BODY FINISH	White
WATTAGE	20W
DIMMER	Low Voltage Electronic
DIMENSIONS	48"L x 2.65"W x 0.63"H
INTEGRATED LED MODULE	4 x LED/5W/24V LED

Technical Information

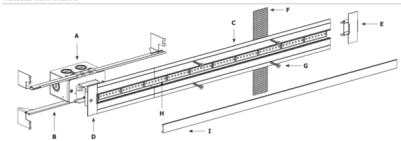
LAMP LIFE	50000 hours
COLOR RENDERING	92 CRI
LAMP COLOR	2700K
LUMENS/WATT	283.20
LUMINOUS FLUX	1416 lumens



Shown in white



INCLUDED COMPONENTS



- A. JUNCTION BOX**
Mounts to wall with Adjustable Mounting Bars, Low Voltage 24VDC. Box opening is covered by the channel, and required at the beginning of each run.
- B. ADJUSTABLE MOUNTING BARS**
Provide flexibility for mounting in a variety of spaces and orientations. May be secured to studs that are spaced 16" or 24" apart.
- C. TRULINE 1A CHANNEL**
5/8" deep extrusion housing for a single row of LED Soft Strip.
- D. POWER END CAP**
Provides a finished look and prevents light leak at the head-end of a run where LED Soft Strip enters channel.
- E. TAKE-UP BOX**
Channels dark spots at end of a run by tucking excess LED Soft Strip safely behind the wall.
- F. MOUNTING STRAP**
Secures channel to drywall when wall stud is unavailable.
- G. DRYWALL SCREW**
Secures channel to drywall and stud.
- H. LED SOFT STRIP**
Commercial grade White or Dynamic Color Changing LED Soft Strip.
- I. LENS**
5/8" wide off-white lens projects a clean line of light without LED dots.



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Notes: