

Lightology

lightology.com
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12-07-25

Project: _____
Company: _____
Location: _____ Fixture Type: _____
SPEC #: **EDG1201003**
Approved On: _____ Approved By: _____

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

By PureEdge Lighting



Description

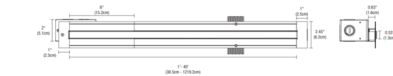
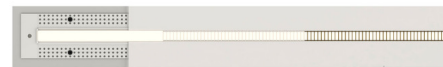
The TruLine .5A 5W 24VDC Plaster-In 24VDC LED system provides smooth and glare-free general illumination using designer-grade high CRI LEDs. TruLine .5A recesses within 5/8 inch drywall without any joist modification. The slim extrusions, LED strips, and lenses are field-cuttable. Includes 5 watts/foot 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 .5A 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 .5A channel(s), LED Soft Strip, TruLine .5A 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

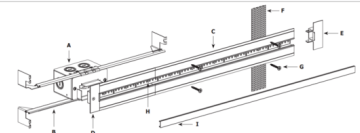
COLOR	N/A
BODY FINISH	White
WATTAGE	20W
DIMMER	Low Voltage Electronic
DIMENSIONS	48"L x 2.45"W x 0.53"H
INTEGRATED LED MODULE	4 x LED/5W/24V LED

Technical Information

LAMP LIFE	50000 hours
COLOR RENDERING	95 CRI
LAMP COLOR	2700K
LUMENS/WATT	266.40
LUMINOUS FLUX	1332 lumens



INCLUDED COMPONENTS



- A. JUNCTION BOX**
Mounts behind drywall with Adjustable Mounting Bars. Low Voltage 24VDC wires from Remote Power Supply connect to LED wires inside box. Junction Box opening is covered by channel. Required at the beginning of each run and necessary to rough-in electrical before TruLine installation. Junction Box is also included with each TruLine channel order.
- B. ADJUSTABLE MOUNTING BARS**
Provides flexibility for mounting in a variety of spaces and orientations. May be secured to studs that are spaced 12" O/C" apart.
- C. TRULINE .5A CHANNEL**
5/8" deep extrusion houses 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**
Prevents dark spots at the 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. OPTIONAL SCREW**
Secures channel to drywall and stud.
- H. LED SOFT STRIP**
Commercial grade White or Dynamic Color Changing LED Soft Strip.
- I. LENS**
0.37" wide diffused white lens projects a clean line of light without LED dots.

Notes: