

Lightology

lightology.com
866-954-4489
08-14-25

Project:

Company:

Location:

Fixture Type:

SPEC #: **EDG569411**

Approved On:

Approved By:

TruLine 1A 5W 24V Tunable White 2K6K Plaster-In LED System

By PureEdge Lighting



Description

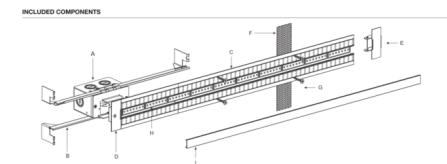
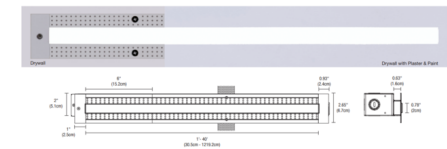
TruLine 1A Tunable White Plaster-In 24VDC LED system provides smooth and glare-free general illumination using designer-grade high CRI LEDs. TruLine 1A recesses within 5/8 inch drywall without any joist modification. The slim extrusions, LED strips, and lenses are available in 1 foot increments up to 20 feet (before re-feeding) and are field-cuttable. Includes 5 watts/foot LED module in 2K6K 2000K-6500K Tunable White color temperature option. Product is built to order. Included components: Junction Box, Adjustable Mounting Bars, TruLine 1A Channel(s), End Cap, Take-Up Box, Mounting Straps, Drywall Screws, LED Soft Strip, and Lens(es). 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. Note: A DMX color changing power supply or 2XK 0-10V 2-Channel power supply is required and sold separately. 0-10V requires two dimmers -- one for intensity and one for color temperature. DMX power supply must be used with PureEdge controller (CDMX1-2XK).

Specifications

COLOR	N/A
BODY FINISH	White
WATTAGE	5W
DIMMER	Dimmable
DIMENSIONS	12"L x 2.65"W x 0.63"D
INTEGRATED LED MODULE	1 x LED/5W/24V LED

Technical Information

LAMP LIFE	50000 hours
COLOR RENDERING	.90 CRI
LAMP COLOR	Tunable White
LUMENS/WATT	50.00
LUMINOUS FLUX	250 lumens



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 the channel, and required at the beginning of each run.

B. ADJUSTABLE MOUNTING BARS
Provides flexibility for mounting in a variety of spaces and orientations. May be secured to studs that are spaced 12"-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
Prevents dark spots at end of a run by locking 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 diffused white lens projects a clean line of light without LED dots.

Notes: