

Lightology

lightology.com
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05-25-26

Project: _____

Company: _____

Location: _____ Fixture Type: _____

SPEC #: **EDG1201041**

Approved On: _____ Approved By: _____

TruLine 1.6A 24VDC Static White Plaster-In LED System

By PureEdge Lighting



Description

The TruLine 1.6A, a versatile 24VDC linear plaster-in LED system, creates glare-free indoor architectural lighting. TruLine recesses into 5/8 inch drywall without any joist modification. The slim extrusions, LED strips, and lenses are field-cutable. Includes 5 (2x2.5 watts), 10 (2x5 watts), or 14 (2x7 watts) per foot LED with color temperature options in 2700K Static White, 3000K Static White, and 2700K or 3000K Warm Dim (to 1800K, in 10W/ft only). Can be run in vertical, horizontal and diagonal directions. Included components: TruLine 1.6A channel(s), LED Soft Strip, TL1.6A 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. NOTE: 5 Watt (2x2.5 watts) available up to 40 feet. 10 Watt (2x5 watts) available up to 20 feet. 14 Watt (2x7 watts) available up to 12 feet.

Specifications

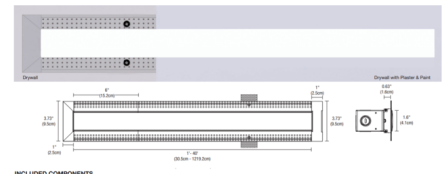
COLOR	.....	N/A
BODY FINISH	.....	White
WATTAGE	.....	80W
DIMMER	.....	Low Voltage Electronic
DIMENSIONS	.....	96"L x 3.73"W x 0.63"H
INTEGRATED LED MODULE	.....	8 x LED/10W/24V LED

Technical Information

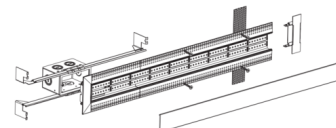
LAMP LIFE	.....	50000 hours
LAMP COLOR	.....	3000K
LUMENS/WATT	.....	709.60
LUMINOUS FLUX	.....	7096 lumens



Shown in white



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 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 by screws that are spaced 12"-24" apart.
- C. TRULINE 1.6A CHANNEL**
3/8" deep extrusion housing for two rows of LED Soft Strip.
- D. POWER END CAP**
Provides a finished look and prevents light leak at back-end of runs where LED Soft Strip enters the channel.
- E. TAKE-UP BOX**
Prevents light spots at the end of a run by sucking excess LED Soft Strip safely behind 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 color-changing LED Soft Strip. TruLine 1.6A comes with two LED Soft Strips.
- I. LENS**
1.8" wide diffused white lens projects a clean line of light without LED dots.



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Notes: