

# Lightology

lightology.com  
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05-22-26

Project: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Location: \_\_\_\_\_ Fixture Type: \_\_\_\_\_  
 SPEC #: **EDG1201031**  
 Approved On: \_\_\_\_\_ Approved By: \_\_\_\_\_

## TruLine 1.6A 24VDC Tunable White Drywall Plaster-In System

By PureEdge Lighting



### Description

The TruLine 1.6A, a versatile 24VDC linear plaster-in LED system, creates glare-free indoor architectural lighting. The 24VDC Plaster-In LED System recesses into 5/8 inch drywall without any joist modification. The slim extrusions, LED strips, and lenses are field-cutable. Includes 5 watts (2x2.5W), 10 watts (2x5W), or 14 watts (2x7W) LED per foot with Tunable White 2K6K (2000K-6500K) LED soft strip. Can be run in vertical, horizontal and diagonal directions. Included components: TruLine 1.6A channel(s), LED Tunable White Soft Strip, TL1.6A Junction Box, Take-Up Box, Adjustable Mounting Bars, Mounting Strap, Power End Cap, Drywall Screw, and Lenses. A DMX color changing power supply or 2XK 0-10 power supply is required and sold separately. 0-10 power supply requires two dimmers --one for intensity and one for color temperature. DMX power supply must be used with PureEdge controller (CDMX1-2XK). Note: Required power supply, dimmer/controller, and optional accessories 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

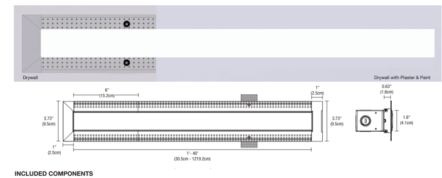
COLOR	.....	N/A
BODY FINISH	.....	White
WATTAGE	.....	20W
DIMMER	.....	N/A
DIMENSIONS	.....	48"L x 3.73"W x 1.6"H
INTEGRATED LED MODULE	.....	4 x LED/5W/24V LED

### Technical Information

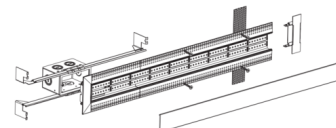
LAMP LIFE	.....	50000 hours
COLOR RENDERING	.....	95 CRI
LAMP COLOR	.....	2000K-6000K Tunable White
LUMENS/WATT	.....	199.20
LUMINOUS FLUX	.....	996 lumens



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 induction house for two rows of LED Soft Strip.
- D. POWER END CAP**  
Provides a finished look and prevents light leak at head-end of runs where LED Soft Strip enters the channel.
- E. TAKE-UP BOX**  
Prevents slack 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 low LED Soft Strip.
- I. LENS**  
1.8" wide diffused white lens projects a clean line of light without LED dots.



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Notes: