

# Lightology

lightology.com  
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06-29-26

Project: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Location: \_\_\_\_\_ Fixture Type: \_\_\_\_\_  
 SPEC #: **EDG1244771**  
 Approved On: \_\_\_\_\_ Approved By: \_\_\_\_\_

## TruLine 1A TruColor™ RGBTW Plaster-In LED System By PureEdge Lighting



### Description

Truline with TruColor RGB & Tunable White (RGBTW) is a new offering in the family of plaster-in 24VDC systems that recesses within 5/8 inch drywall without any framing modification required. Redefining the relationship between lighting and interior design, this innovative system blends seamlessly into the drywall, becoming part of the architecture. The TruColor RGBTW light engine with Pure Smart TruColor technology utilizes five channels of tunable LEDs in Red, Blue, Green, and Tunable White (1500K-6500K). With propriety color mixing, TruLine RGBTW gives access to the warm glow of the sunset (1500K-2400K golden hour) to the pure white light of the mid-day sun (5700K) and everything in between. Dynamic color changing functionality provides millions of possibilities for customization. The power feed included with TruLine contains a 5-channel WiZ Pro CV Bridgebox allowing for wireless color of the luminaire with the WiZ Pro software suite and Pure Smart Wi-Fi room controller. The slim extrusion, LED strip, and lens are field-cuttable. Can be ordered in 1 foot increments (up to 20 feet before re-feeding). RGBTW strip offered in 5W5: 5W RGB & 5W Tunable White, 5 watts total per foot and 5W7: 5W RGB & 7W Tunable White, 7 watts total per foot. TruLine can be installed on a single surface, join runs on multiple planes from wall to ceiling, or from one wall to an adjacent wall. With the ability to run in vertical, horizontal, and diagonal directions, the compositions are truly endless. Note: Required remote power supply sold separately.

### Specifications

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

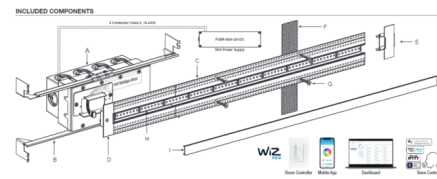
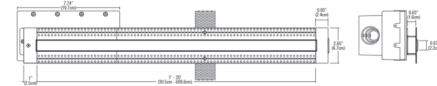
### Technical Information

LAMP LIFE	.....	50000 hours
COLOR RENDERING	.....	94 CRI
LAMP COLOR	.....	RGB+White
LUMENS/WATT	.....	192.00
LUMINOUS FLUX	.....	960 lumens

Notes:



Shown in white



- 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" O/C apart.
- C. TRULINE 1A CHANNEL**  
5/8" deep extrusion housing for a single row of LED Strip.
- D. POWER END CAP**  
Provides a finished look and prevents light leak at the feed end of a run where LED Strip wires channel.
- E. TAKE-UP BOX**  
Prevents dark spots at end of a run by backing excess LED Strip safely behind the wall.
- F. MOUNTING STRIP**  
Secures channel to drywall when wall stud is unavailable.
- G. DRYWALL SCREWS**  
Secures channel to drywall and stud.
- H. LED STRIP**  
Four channels of LED Strip OCT.
- I. LENS**  
0.1" wide diffused white lens projects a clean line of light without pollution.



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