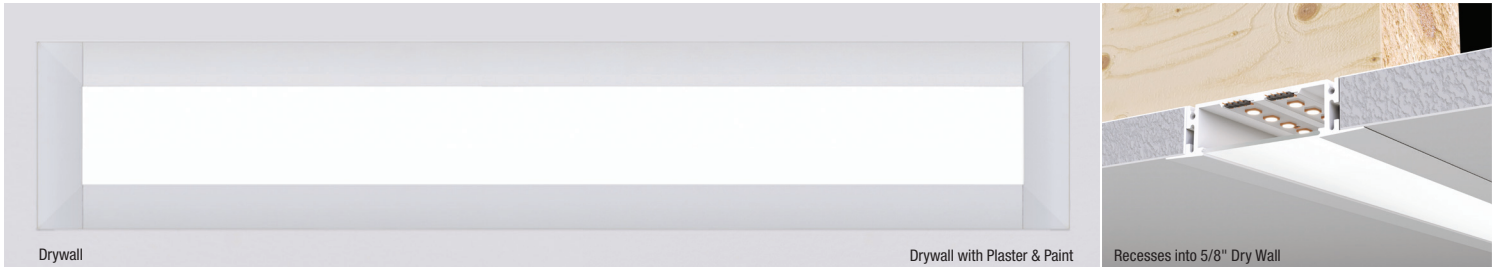


# TRULINE TRIM 1.6A RGB & RGB+W

## 24VDC LED SYSTEM, 1/2" TRIM

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 07.01.24



### DESCRIPTION

TruLine Trim 1.6A is a recessed 24VDC LED system that features a paintable 1/2" trim. The slim channel extrusions recess within any flat surface, including 5/8" drywall, tile, and millwork, eliminating the need for stud or joist modification. The channel, LED strips, and lenses are field-cutttable and ordered in 1' increments (up to 36' before re-feeding), providing flexibility and unparalleled ease of installation. Create dynamic color effects with TruLine Trim 1.6A RGB and RGB+White (2000K), special order in 2700K, 3000K, and 4000K. Click here for all [Other Color Temperatures](#). 24VDC Remote Power Supplies are required and sold separately. Coordinate installation with electrical and drywall contractors. Includes a 5-year pro-rated warranty. For custom designs and quotes, email your drawings to [design@PureEdgeLighting.com](mailto:design@PureEdgeLighting.com).

### DESIGN NOTE

TruLine Trim 1.6A 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 Trim 1.6A Do-It-Yourself (DIY) with pre-formed components to create desired configurations, including Mitered Picture Frame and Outside or Inside Corners for Room Wrapping installations.

### ORDERING & INSTALLATION

TruLine Trim 1.6A may be secured to studs spaced 13"-24" apart or between studs with provided mounting straps. Order in 1' increments, field-cutttable to any length.

### LAMP

- RGB: Dynamic Red, Green and Blue
- RGB+W: Dynamic Red, Green, Blue plus 2000K White
- RGB+W Special order in 2700K, 3000K, and 4000K
- Average life: 50,000 hours
- For additional color temperatures refer to other specifications

### MAXIMUM LENGTHS BEFORE RE-FEEDING:

- 6 watts per foot - 36' (2 x 2.6WDC)
- 10 watts per foot - 20' (2 x 5WDC)
- 12 watts per foot - 16' (2 x 6.3WDC)

### REMOTE POWER SUPPLIES\*, DIMMERS & CONTROLS (SOLD SEPARATELY)

24VDC, Class 2 wiring

- [Pure Smart™ WiZ Pro Power Supplies & Controls](#)
- [DMX Dynamic Color Changing](#)
- [Controllers](#)

\*In-Wall Mounting and drop ceiling Kits available for select power supplies

### APPLICATIONS

Designed for any indoor space with drywall. Ideal applications in Residential, Commercial, Retail, and Hospitality environments

### COMPLIANCE

ETL, Class 2, Indoor Damp Location, Assembled in the USA

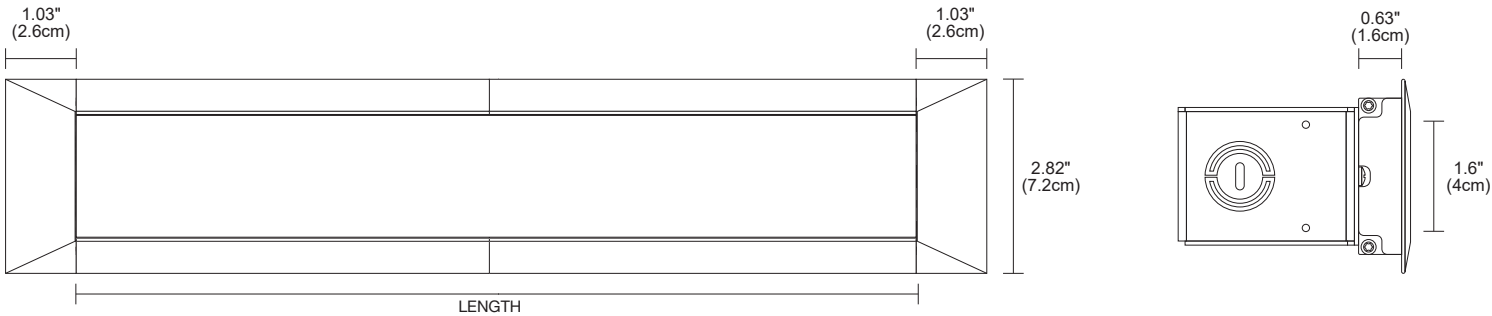
PureEdge is the Original Designer of 5/8" Drywall Lighting Products with the Most Experience in the industry.

System	Watts Per Foot	Length in Feet	Color Temperature	Finish
<b>TTL1.6A</b>	<b>10WDC</b>	<b>36FT</b>	<b>RGB</b>	<b>WH</b>
<b>TTL1.6A</b> TruLine Trim 1.6A	<b>6WDC</b> 2x2.6 Watts (36 ft Max) <b>10WDC</b> 2x5 Watts (20 ft Max) <b>12WDC</b> 2x6.3 Watts (16 ft Max)	<b>1-36FT</b> <b>1-20FT</b> <b>1-16FT</b>	<b>RGB</b> Dynamic Color Red, Green & Blue (5WDC Only) <b>RGB20K</b> Red, Green, Blue + White 2000K (6WDC Only) <b>RGB27K</b> Red, Green, Blue + White 2700K (6WDC Only) <b>Special Order</b> <b>RGB30K</b> Red, Green, Blue + White 3000K (6WDC Only) <b>Special Order</b> <b>RGB40K</b> Red, Green, Blue + White 4000K (6WDC Only) <b>Special Order</b>	<b>BK</b> Black <b>WH</b> White

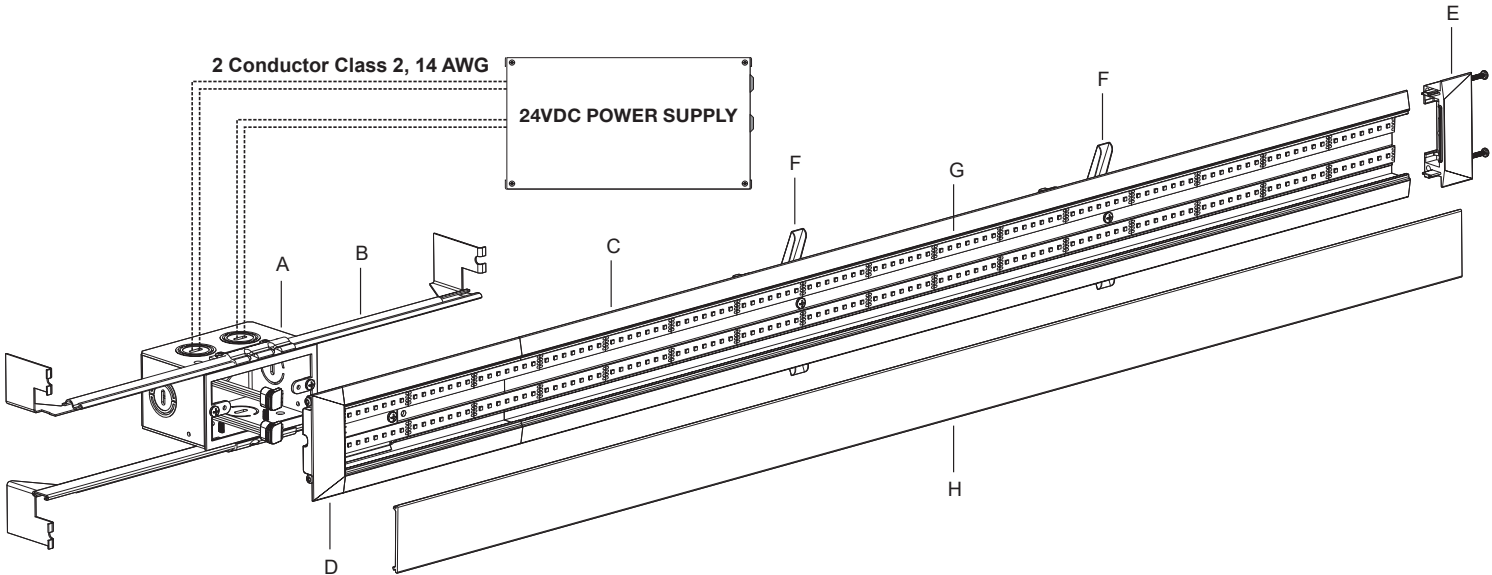
PROJECT		FIXTURE TYPE		DATE	
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24VDC LED SYSTEM, 1/2" TRIM



## 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

Provide flexibility for mounting in a variety of spaces and orientations. May be secured to studs that are spaced 13"-24" apart.

### C. TRULINE TRIM 1.6A CHANNEL

5/8" deep extrusion house for two rows of LED Strips.

### D. POWER END CAP

Provides a finished look and prevents light leak at feed-end of runs where LED Strip enters the channel.

### E. TAKE-UP BOX

Prevents dark spots at the end of a run by tucking excess LED Strip safely behind wall.

### F. TOGGLE BOLT AND SCREW

Secures channel to drywall and stud.

### G. LED STRIPS

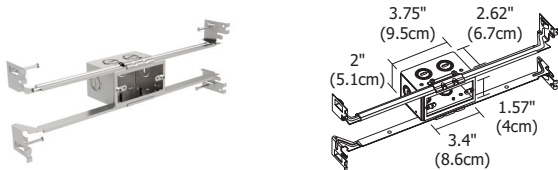
Your selection of LED Strip CCT. TruLine Trim 1.6A comes with two LED Strips.

### H. LENS

1.6" wide diffused white lens projects a clean line of light without pixelation.

## JUNCTION BOX ROUGH-IN COMPONENT

One Junction Box is included with TruLine 1.6A. Order additional Junction Box separately to rough-in electrical wiring before drywall installation. Quick shipment available.



System	Size	Component
<b>TL1.6A</b>	<b>1RE</b>	<b>JBOX</b>
TL1.6A TruLine 1.6A	1RE 1" Rectangle	JBOX Junction Box

PROJECT		FIXTURE TYPE		DATE	
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# TRULINE TRIM 1.6A RGB & RGB+W

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**LENGTH LOAD CHARTS:** To determine the necessary wire gauge use our [Voltage Drop Calculator](#).

REV 07.01.24

6 WATTS PER FOOT (2 X 2.3W)			
LENGTH IN FEET	WATTS	LENGTH IN FEET	WATTS
1	6	19	114
2	12	20	120
3	18	21	126
4	24	22	132
5	30	23	168
6	36	24	144
7	42	25	150
8	48	26	156
9	54	27	162
10	60	28	168
11	66	29	174
12	72	30	180
13	78	31	186
14	84	32	192
15	90	33	198
16	96	34	204
17	102	35	210
18	108	36	216

10 WATTS PER FOOT (2 X 5W)	
LENGTH IN FEET	WATTS
1	10
2	19
3	29
4	38
5	48
6	58
7	67
8	77
9	86
10	96
11	106
12	116
13	124
14	134
15	144
16	154
17	164
18	174
19	182
20	192

12 WATTS PER FOOT (2 X 6.3W)	
LENGTH IN FEET	WATTS
1	6
2	12
3	18
4	24
5	30
6	36
7	42
8	48
9	54
10	60
11	66
12	72
13	78
14	84
15	90
16	96

PROJECT		FIXTURE TYPE		DATE	
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