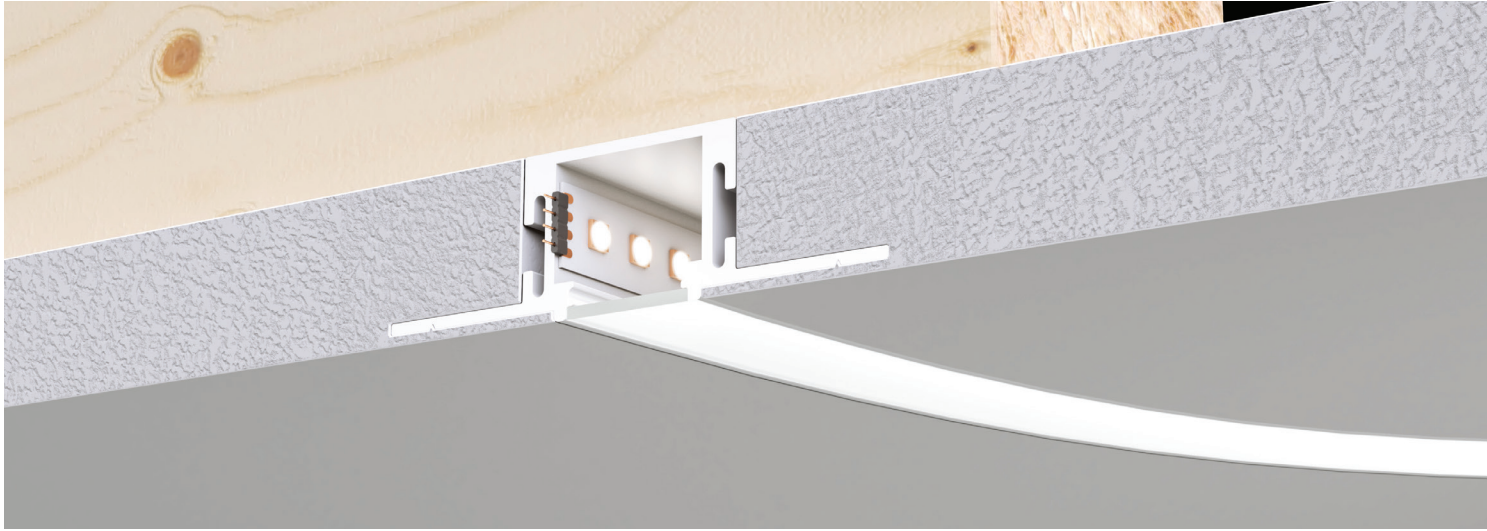


# TRUCIRQUE .5A WARM DIM

## 24VDC, 5/8" DRYWALL PLASTER-IN LED SYSTEM

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

REV 02.23.24



PureEdge is the Original Designer of 5/8" Drywall Lighting Systems

### DESCRIPTION

PureEdge Lighting, the pioneer of 5/8" drywall systems, now brings you TruCirque .5A. Our innovative and highly efficient system blends seamlessly into the drywall, becoming part of the architecture and redefining the relationship between lighting and interior design. TruCirque brings the same ease of installation as our other 5/8" drywall families to a pristine circle of illumination. The slim extrusions are offered in various diameters from 2 to 18 feet, supplied with a diffused, flexible lens. TruCirque provides smooth, glare-free illumination using high color rendering LEDs (CRI). Warm Dim technology (**27D & 30D**) mimics an incandescent atmosphere by decreasing the color temperature as you dim. Our Warm Dim strips can be dimmed all the way down to a soothing amber hue at 1800K, reminiscent of candlelight along the halogen curve. Click here for all [Other Color Temperatures](#). Influenced by simplicity and elegance, TruCirque brings together a modern and dynamic aesthetic to residential and commercial environments. Let the drywall be your canvas. Includes a 5-year pro-rated warranty. For custom quotes and layout assistance, email our design team: [design@PureEdgeLighting.com](mailto:design@PureEdgeLighting.com).

### MAXIMUM DIAMETER BEFORE RE-FEEDING

5WDC, 4.8 watts per foot - 6'

### INCLUDED COMPONENTS

TruCirque .5" wide, Power Channel Connector(s) with Junction Box, Channel Joiners, Mounting Straps, Drywall Screws, LED Strip, and Flexible Diffused Lens

### LAMP

- Warm Dim: **27D** and **30D** dim down to 1800K, resembling halogen light sources
- Lumen Performance: 319lm/ft at 3000K (30D) 5W per foot
- Designer Grade High CRI 95+ LEDs
- Average Lamp Life 50,000 hours
- For additional color temperatures refer to other specifications

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

24VDC, Class 2 wiring

- [UNI Driver: Universal Dimming \(TRIAC, ELV, 0-10V\)](#)
- [Lutron](#) Hi-Lume/Ecosystem

### CONTROLS

- [Pure Smart™ Wi-Fi Dimmer](#)

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

### APPLICATIONS

Designed for use in any drywall/gypsum board application, including Damp locations. Ideal applications in Residential, Commercial, Retail, and Hospitality environments.

### COMPLIANCE

ETL, Class 2, Damp Location, Made in USA.

System	Watts Per Foot	Diameter in Feet	Color Temperature
<b>TCIR.5</b>	<b>5WDC</b>	<b>4FT</b>	<b>ST27D</b>
TCIR.5 TruCirque .5"	5WDC 4.8 Watts	2FT 7FT 13FT 2.5FT 8FT 14FT 3FT 9FT 15FT 4FT 10FT 16FT 5FT 11FT 17FT 6FT* 12FT 18FT	ST27D 2700K Warm Dim ST30D 3000K Warm Dim
*Maximum length before re-feeding			

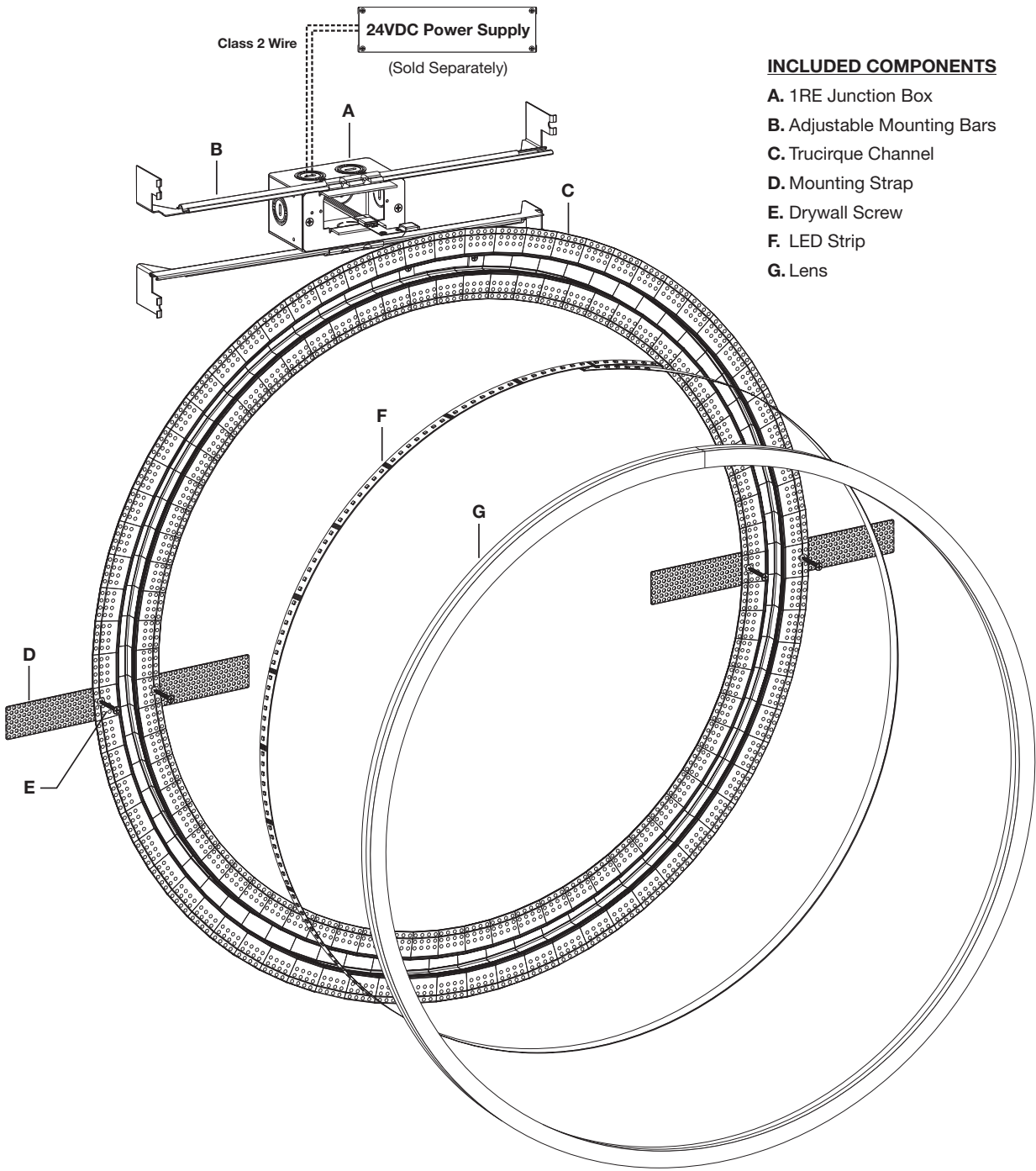
PROJECT		FIXTURE TYPE		DATE	
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# TRUCIRQUE .5A WARM DIM

## 24VDC, 5/8" DRYWALL PLASTER-IN LED SYSTEM

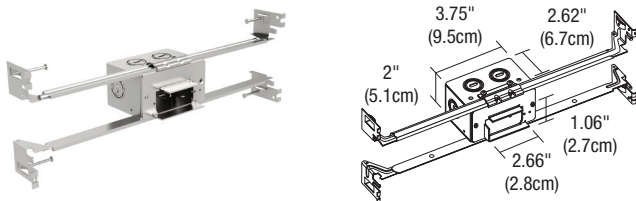
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### INCLUDED COMPONENTS

- A. 1RE Junction Box
- B. Adjustable Mounting Bars
- C. Trucirque Channel
- D. Mounting Strap
- E. Drywall Screw
- F. LED Strip
- G. Lens



### JUNCTION BOX ROUGH-IN COMPONENT (INCLUDED)

Junction Box is included with TruCirque .5A. Order additional Junction Boxes separately to rough-in electrical wiring before drywall installation. Quick shipment available. See DIY Spec Sheet for all component options.

System	Size	Component
<b>TL.5A</b>	<b>1RE</b>	<b>JBOX</b>
TL.5A TruLine .5A	1RE 1" Rectangle	JBOX Junction Box

PROJECT		FIXTURE TYPE		DATE	
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# TRUCIRQUE .5A WARM DIM

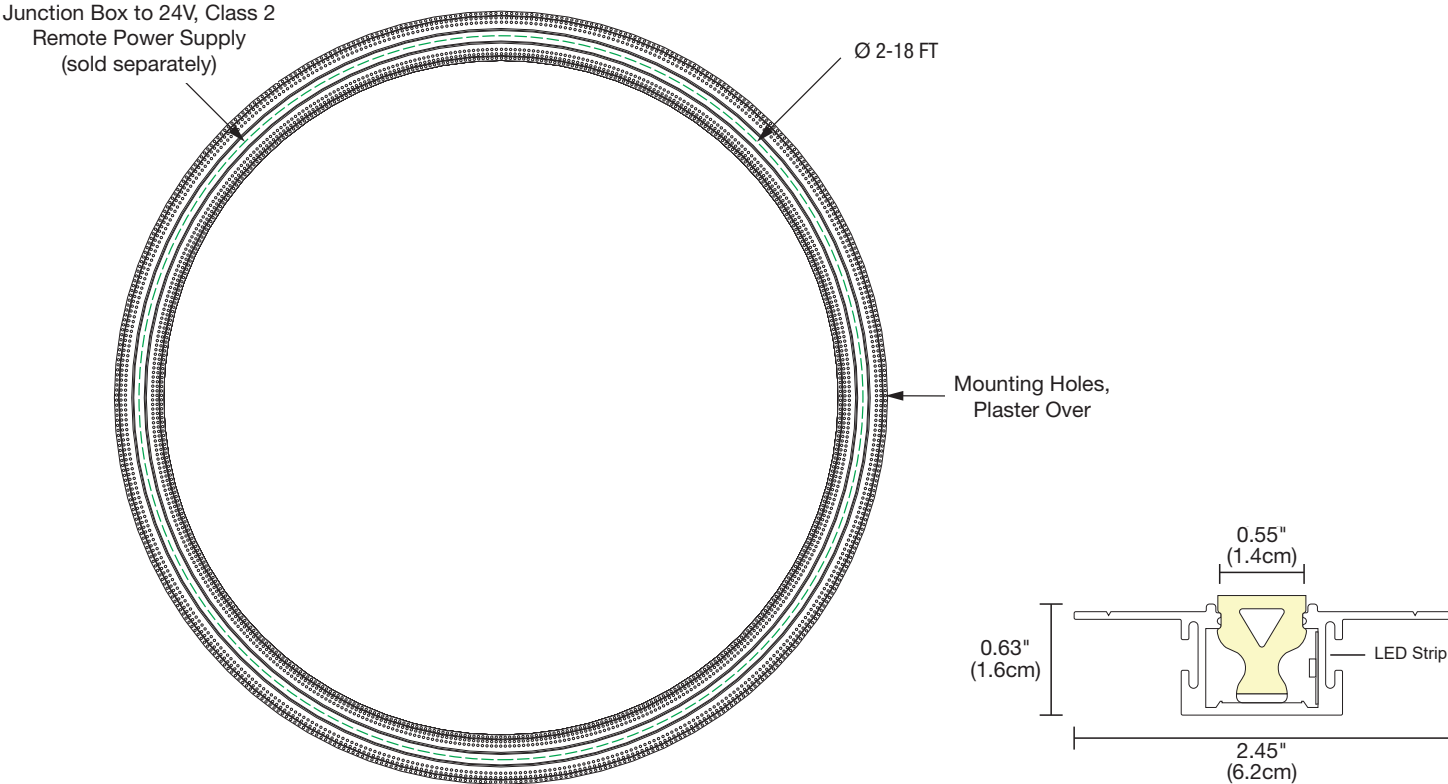
## 24VDC, 5/8" DRYWALL PLASTER-IN LED SYSTEM

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### NOMINAL DELIVERED LUMENS

	WARM DIM	
WATTS PER FOOT	4.8W	
COLOR TEMPERATURE	27D	30D
LUMENS PER FOOT (lm/ft)	365	382
LUMENS PER WATT (lm/w)	76	80
CRI	94+	94+

POWER SUPPLIES NEEDED			
TRUCIRQUE DIAMETER IN FEET	LED STRIP LENGTH IN FEET	5 WATT	
		5W STRIP TOTAL WATTAGE	5W # OF POWER SUPPLIES
2	7	35	1
2.5	8	40	1
3	10	50	1
4	13	65	1
5	16	80	1
6	19	95	1
7	22	110	2
8	26	130	2
9	29	145	2
10	32	160	2
11	35	175	2
12	38	190	2
13	41	205	3
14	44	220	3
15	48	240	3
16	51	255	3
17	54	270	3
18	57	285	3

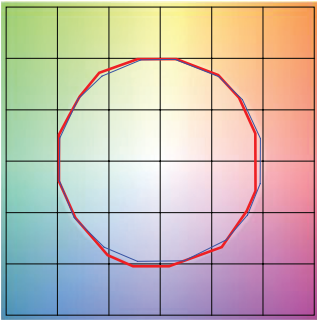


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LED STRIP TM30 DATA
24VDC, STATIC WHITE, WARM DIM & TUNABLE WHITE

TM-30-15 DATA: The data below is for bare LED Warm Dim Strip. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

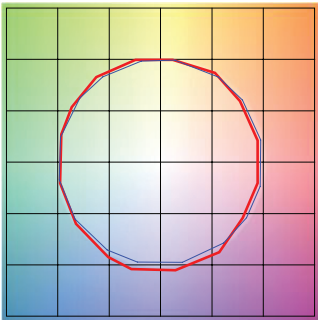
2700D | Rf: 90.7 | Rg: 101.1
Color Vector Graphic



Test Reference

Table with 4 columns: HUE BIN, Rf, CHROMA, HUE. Rows 1-16 showing color shift data for 2700D.

3000D | Rf: 90.6 | Rg: 101.1
Color Vector Graphic



Test Reference

Table with 4 columns: HUE BIN, Rf, CHROMA, HUE. Rows 1-16 showing color shift data for 3000D.