KNIFE EDGE DIY
24VDC, DO-IT-YOURSELF PLASTER-IN LED SYSTEM

DESIGNED BY GREGORY KAY | MADE IN AMERICA | PATENT PENDING   REV 11.25.25

DESCRIPTION

PureEdge's latest addition to the 24VDC, 5/8" plaster-in family of products features a true Knife Edge profile with no visible sightline of the asymmetric lens or light blocker, delivering a seamless, uniform visual field across adjacent surfaces—install with a curved wall to ceiling, an effect reminiscent of the Ganzfeld phenomenon (Fig.2, pg 2). It's ideal for architectural, soffit, light cove, and accent lighting, engineered to support 1/2" or 5/8" thick drywall on the underside or mount directly to the wall. Our Knife Edge is a bold evolution of the 5/8" plaster-in system pioneered by PureEdge Lighting. Merging form and function, it introduces a clean, modern profile that elevates both residential and commercial spaces, giving you the freedom to design distinctive, one-of-a-kind environments. Coordinate installation with electrical and drywall contractors. Includes a 5-year pro-rated warranty. Material: extruded aluminum, White RAL 9010 powder coat. Includes a 5-year pro-rated warranty. For custom quotes and layout assistance, send drawings to design@PureEdgeLighting.com. Designed by Gregory Kay.

DESIGN NOTE

The Knife Edge can be installed on a single surface, such as the perimeter of the ceiling, to accentuate or highlight coves and other architectural elements.

APPLICATIONS

Indoor damp or dry locations only. Ideal for ceiling perimeters and outlining architectural elements in residential, commercial, retail, education, or healthcare institutions and hospitality environments.

LUMEN PERFORMANCE

- 632lm/ft at 3000K 10W per foot
- Designer Grade High CRI 95+ LEDs
- Average life: 50,000 hours

LAMP

- Static White Color Temperatures ranging from **2400K** through **4000K**
- Warm Dim: **27D** and **30D** dim down to 1800K, resembling halogen light sources
- Tunable White: **2K6K** and **27K6** grants independent control for adjusting color temperature and intensity
- Dynamic **RGB** & **RGB+W** in Red, Green, Blue plus 2000K White
- Special order in 2700K, 3000K, and 4000K
- **TruColor™ RGBTW** Dynamic RGB with Tunable White 1500K-6500K
- Average life: 50,000 hours

REMOTE POWER SUPPLIES, DIMMERS & CONTROLS
(SOLD SEPARATELY)

24VDC, Class 2 wiring

- Static White
- Warm Dim
- Pro Dim
- Tunable White
- RGBW
- TruColor™ RGBTW
- Monochromatic

COMPLIANCE

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

PureEdge is the Original Designer of 5/8" Drywall Products, Backed by Over 30 Years of Precision Manufacturing and Design.

KNIFE EDGE DIY
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PURE EDGE
Pure Smart Lighting

REV 11.25.25

KNIFE EDGE CHANNEL

Includes Lens, Mounting Screws, and End Caps.

1.66" (4.2cm)
0.63" (1.6cm)
2.19" (5.6cm)
0.82" (2.1cm)
0.67" (1.7cm)
0.49" (1.2cm)
SIGHT LINE 11°
0.06" (0.2cm)
3.17" (8cm)
4.5" (11.4cm)

FIG.1

CEILING

WALL

4" (10.2cm)

1/2" or 5/8" DRYWALL

FIG.2

CURVED DRYWALL FROM WALL TO CEILING

INNER RADIUS: (4' RADIUS SHOWN)

4" (10.2cm)

1/2" or 5/8" DRYWALL
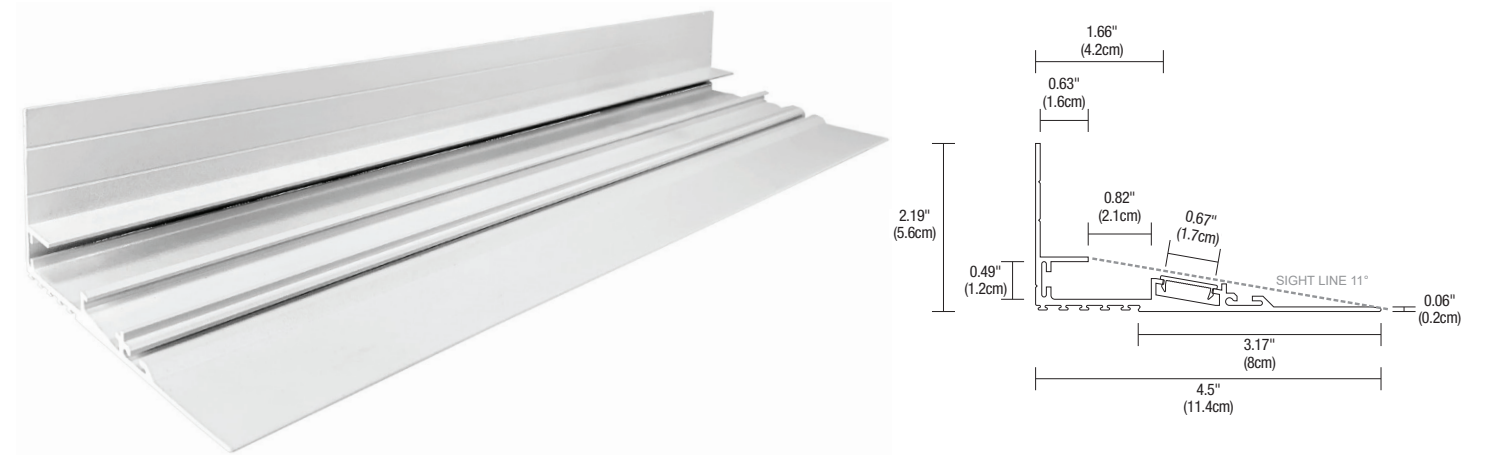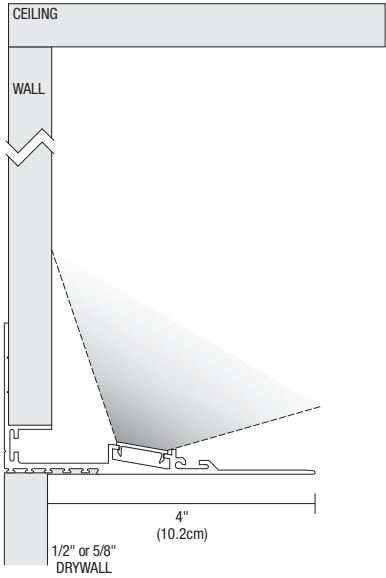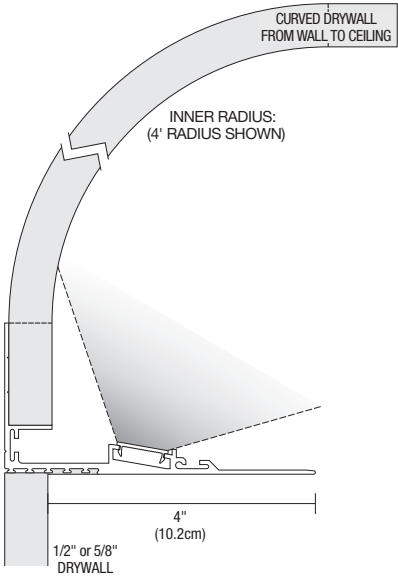
System		Type		Length in Feet		Finish
KNE	–	**CHLN**	–	**4FT**	–	**WH**

System	Type	Length in Feet	Finish
KNE Knife Edge Ceiling DIY	**CHLN** Channel and Lens	**4FT** 4 Feet **8FT** 8 Feet	**WH** White RAL 9010

PROJECT　　　　　FIXTURE TYPE　　　　　DATE

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KNIFE EDGE DIY
24VDC, DO-IT-YOURSELF PLASTER-IN LED SYSTEM
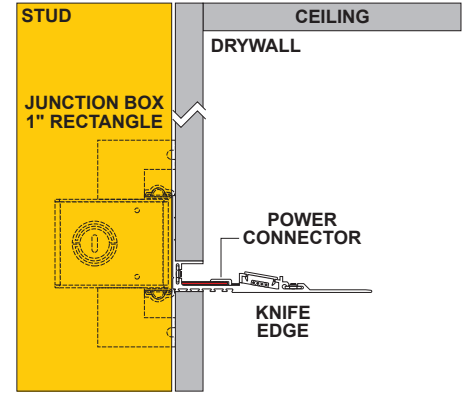
PURE | EDGE ™
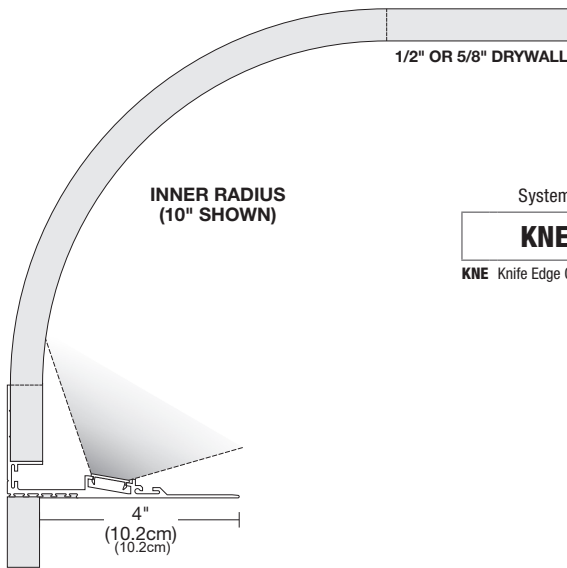Pure Smart Lighting

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WALL INSTALLATION

Wall Power feed may be mounted to end or center of run. Includes Power Feed Connector(s), Bridge Box, Junction Box, Lens, and Channel Joiners.

STUD — **CEILING**
DRYWALL
MOUNTING SCREW
MOUNTING SCREW
KNIFE EDGE

JUNCTION BOX 1" RECTANGLE
KNIFE EDGE
24" (61cm)
4.5" (11.4cm)

SIDE VIEW
STUD — **CEILING**
DRYWALL
JUNCTION BOX 1" RECTANGLE
POWER CONNECTOR
KNIFE EDGE
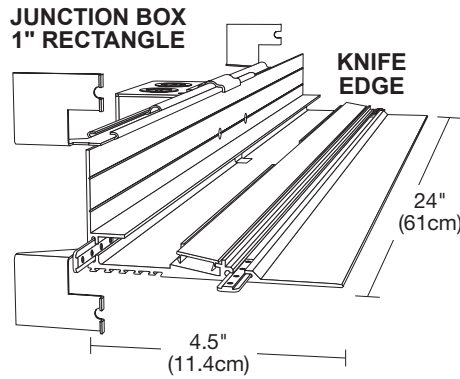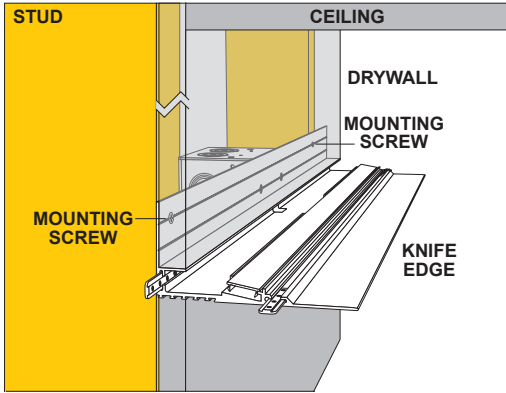
SIDE VIEW with **curved wall** to ceiling for **Ganzfeld Effect** in the corners

1/2" OR 5/8" DRYWALL

INNER RADIUS (10" SHOWN)

4" (10.2cm) (10.2cm)

System		Type		Power Feed		Color Temperature		Finish	
KNE	–	**WL**	–	**CP**	–	**TC5W5**		**WH**	

KNE Knife Edge Ceiling DIY	**WL** Wall

CP Center Power Feed
EPL End Power Feed Left
EPR End Power Feed Right
*Power Feed options shown on page 7

DW	Static White or Warm Dim
TW	Tunable White, RGB, or Pro Dim
TC5W5	TruColor™ RGBTW 5 watts RGB & 5 watts Tunable White
TC5W7	TruColor™ RGBTW 5 watts RGB & 7 watts Tunable White

WH White RAL 9010

JUNCTION BOX FOR WALL INSTALLATION

One Junction Box is included with Knife Edge Ceiling. Order additional Junction Box separately to rough-in electrical wiring before drywall installation. Quick shipment available.

3.75" (9.5cm)   2.56" (6.5cm)
2" (5.1cm)
3.4" (8.6cm)
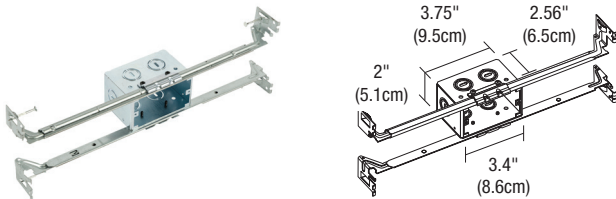
System		Installation		Component
KNE	–	**WL**	–	**JBOX**

KNE Knife Edge Ceiling	**WL** Wall	**JBOX** Junction Box

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24VDC, DO-IT-YOURSELF PLASTER-IN LED SYSTEM

PURE EDGE
Pure Smart Lighting

ETL Intertek | DMX | WiZ PRO | PATENTED

SOFFIT INSTALLATION

Soffit Power feed may be mounted to end or center of run. Includes Power Feed Connector(s), Bridge Box, Soffit Junction Box Adapter, Junction Box, Lens, and Channel Joiners.
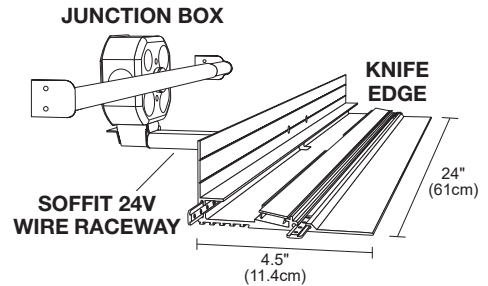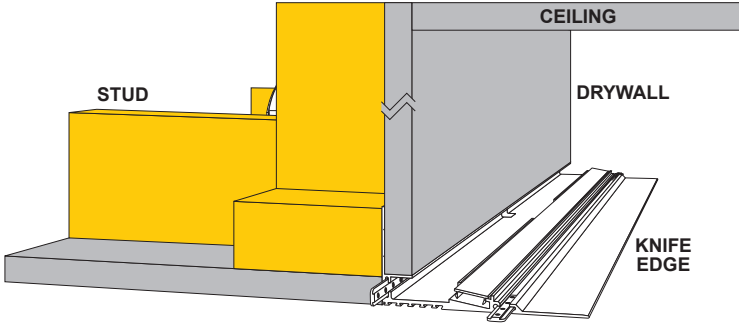
SIDE VIEW

System	Type	Power Feed	Color Temperature	Finish
KNE	**SF**	**CP**	**TC5W5**	**WH**

KNE Knife Edge Ceiling DIY	**SF** Soffit	**CP** Center Power Feed	**DW** Static White or Warm Dim	**WH** White RAL 9010
		EPL End Power Feed Left	**TW** Tunable White, RGB, or Pro Dim	
		EPR End Power Feed Right	**TC5W5** TruColor™ RGBTW 5 watts RGB & 5 watts Tunable White	
		*Power Feed options shown on page 7	**TC5W7** TruColor™ RGBTW 5 watts RGB & 7 watts Tunable White	

JUNCTION BOX FOR SOFFIT INSTALLATION

One Junction Box is included with Knife Edge Ceiling. Order additional Junction Box separately to rough-in electrical wiring before drywall installation. Quick shipment available.

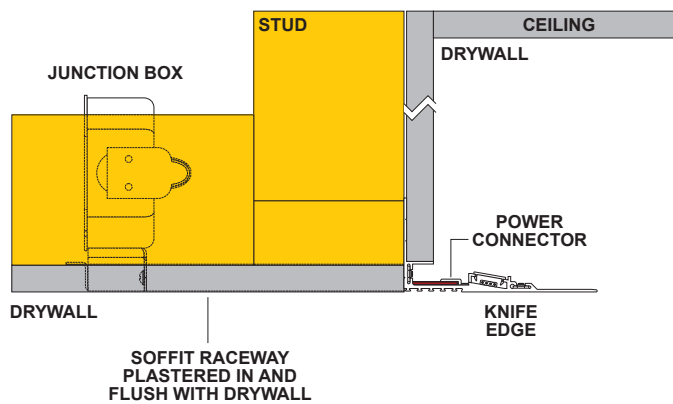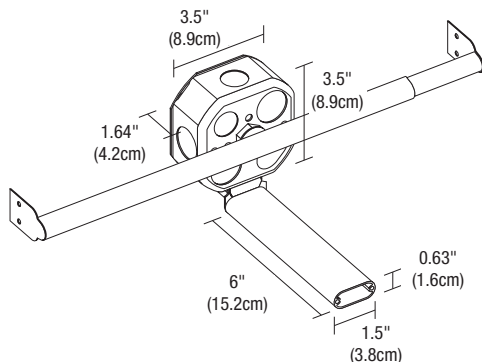| System	Installation	Component
KNE	**SF**	**JBOX**
KNE Knife Edge Ceiling	**SF** Soffit	**JBOX** Junction Box

PROJECT | FIXTURE TYPE | DATE

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KNIFE EDGE DIY
24VDC, DO-IT-YOURSELF PLASTER-IN LED SYSTEM

PURE EDGE
Pure Smart Lighting

ETL Intertek | DMX | WiZ PRO
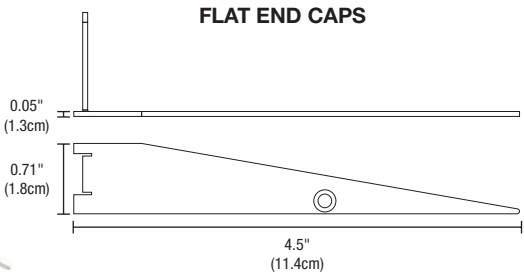
COMPONENTS

REV 11.25.25

KNIFE EDGE CORNERS

Corners for 90° Room Wrapping installation. LED Strip (not included). For use from wall to an adjacent wall. Includes Channel Joiners.

IC - INSIDE CORNER

5" (12.7cm)
3.02" (7.7cm)
0.52" (1.3cm)
5" (12.7cm)
3.02" (7.7cm)
0.52" (1.3cm)

OC - OUTSIDE CORNER

10.48" (26.6cm)
12.48" (31.7cm)
15" (38.1cm)
10.48" (26.6cm)
12.48" (31.7cm)
15" (38.1cm)
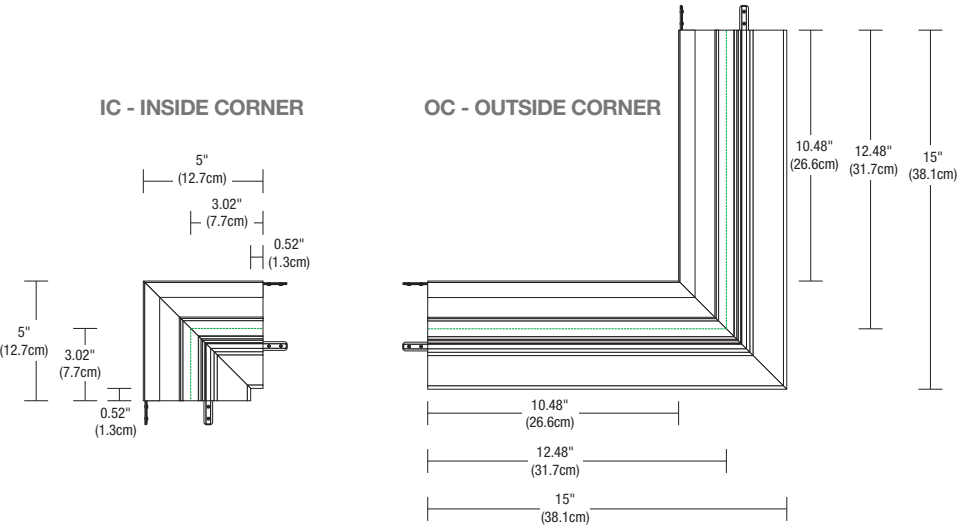
System	Type	Finish
KNE	**IC**	**WH**

KNE Knife Edge Ceiling DIY
IC Inside Corner
OC Outside Corner
WH White RAL 9010

FLAT END CAPS

0.05" (1.3cm)
0.71" (1.8cm)
4.5" (11.4cm)

System	Type	Finish
KE	**CA**	**WH**

KE Knife Edge
CA End Caps
WH White RAL 9010

L CONNECTORS

Each connector is 6" in length. Included with power feeds above.

1.31" (3.3cm)
0.46" (1.2cm)
1.31" (3.3cm)
0.46" (1.2cm)

DW

1.35" (3.4cm)
0.57" (1.4cm)
1.35" (3.4cm)
0.57" (1.4cm)
4" (10.2cm)
1.5" (3.8cm)

RGBTW
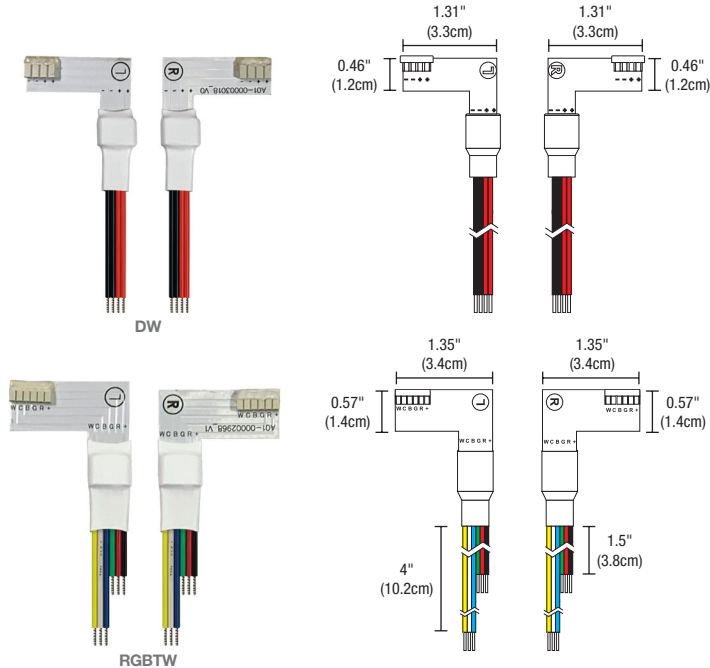
System	Type	Component	Color Temperature
SS	**PFE**	**KE-L**	**DW**

SS Stomp Strip/ Soft Strip
PFE Power Feed
KE-L Knife Edge Left
KE-R Knife Edge Right
DW Static White/Warm Dim, 2 Wire/ Tunable White/Pro Dim/RGB, 4 Wire
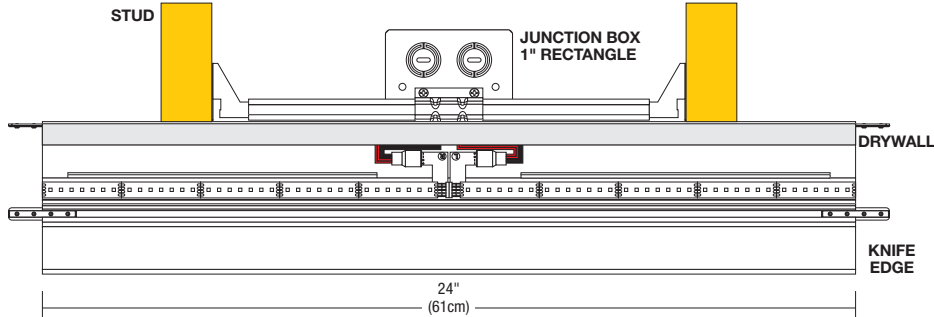RGBTW RGBTW, Red, Blue, Green & Tunable 1500K-6500K

PROJECT | FIXTURE TYPE | DATE

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KNIFE EDGE DIY
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PROJECT

FIXTURE TYPE

DATE

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DIMENSIONAL DRAWINGS - WALL INSTALLATION

WL - TOP VIEW

STUD

JUNCTION BOX
1" RECTANGLE

DRYWALL

KNIFE EDGE

24"
(61cm)

WL - SIDE VIEW

STUD | CEILING
DRYWALL

JUNCTION BOX
1" RECTANGLE

POWER CONNECTOR
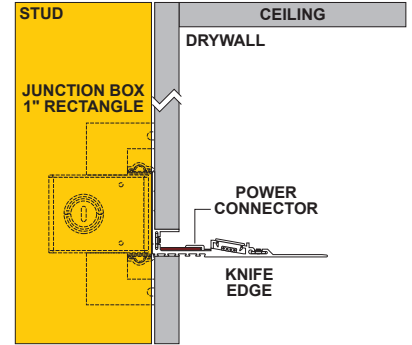
KNIFE EDGE

DIMENSIONAL DRAWINGS - SOFFIT INSTALLATION

SF - TOP VIEW

DRYWALL

SF - SOFFIT
JUNCTION BOX

STUD

RACEWAY FLUSH
WITH DRYWALL

DRYWALL

KNIFE EDGE

24"
(61cm)

SF - SIDE VIEW

JUNCTION BOX

STUD | CEILING
DRYWALL

DRYWALL

POWER CONNECTOR

KNIFE EDGE

SOFFIT RACEWAY
PLASTERED IN AND
FLUSH WITH DRYWALL

SIGHTLINE DISTANCES

11ft Ceiling

10ft Ceiling

9ft Ceiling

120"
(10ft)
AFF

108"
(9ft)
AFF

96"
(8ft)
AFF

Viewer Height: 6'2"
(Eye Level at 68")

System remains Knife Edge within the indicated distances:

180" (15ft)
from ceiling edge
for 8ft ceiling

240" (20ft)
from ceiling edge
for 10ft ceiling

300" (25ft)
from ceiling edge
for 11ft ceiling

PROJECT		FIXTURE TYPE		DATE	

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KNIFE EDGE DIY
24VDC, DO-IT-YOURSELF PLASTER-IN LED SYSTEM

PURE EDGE™
Pure Smart Lighting

PROJECT

FIXTURE TYPE

DATE

REV 11.25.25

END FEED - LEFT

24" (61cm)

POWER FEED

END FEED - RIGHT

24" (61cm)

POWER FEED

CENTER FEED

24" (61cm)

POWER FEED

| PROJECT | | FIXTURE TYPE | | DATE | |

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HIGH OUTPUT STRIP, STATIC WHITE
24VDC WITH PINS & SOLDERED LEADS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

PURE EDGE
PureSmart Lighting

0.24"
(0.6cm)

0.4"
(1cm)

+24VDC   +24VDC

2"
(5.1cm)

High Lumen Output with Unmatched Color Quality

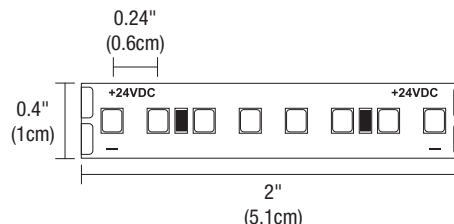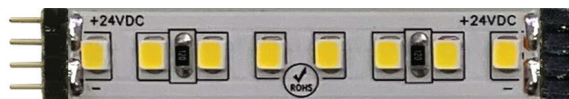Our Low Voltage LED strips are engineered for powerful illumination, delivering up to over 2581 lumens per foot while sustaining efficacy above 196 lumens per watt. With 95+ CRI values across the entire range, these strips provide true-to-life color rendering and industry-best consistency through single-binned LEDs.

Designed for demanding applications, our high-output strips are highly durable and serve as the backbone of our DIY (Do-it-Yourself) fixtures and systems. Available in multiple wattages, these compact, high-performance strips deliver smooth, pixel-free illumination in all PureEdge channels and extrusions when paired with a frosted lens.

FEATURES & BENEFITS

- Available with pre-soldered leads to simplify installation and cut down on labor.
- Engineered to deliver high performance in demanding applications without compromising output, color quality, or efficacy.
- Built with job-site toughness in mind, resisting wear and damage in busy commercial environments.
- Tight LED spacing ensures consistent light distribution with no visible diodes or hot-spots when paired with a diffused lens.
- 4oz copper bus bar layer provides excellent heat dissipation and minimizes voltage drop, equivalent to 14AWG wire.
- Premium optically clear silicone coating preserves brightness and prevents yellowing over time.
- Backed with industrial-grade 3M adhesive for secure mounting to smooth, finished surfaces.
- Rated for use in indoor damp environments.
- Protected with a 5-year pro-rated warranty.

SPECIFICATIONS

- 24VDC
- 1, 2, 3, 5, 7, or 10 watts per foot
- Sold in 1' increments
- Field-cuttable in 2" increments
- Operating ambient temperature: -22°F to 140°F (-30°C to 60°C)

LAMP

- Offered in multiple Static White Color Temperatures: 2700K, 3000K, 3500K & 4000K
- Average life: 50,000 hours

REMOTE POWER SUPPLIES*, DIMMING & CONTROLS (SOLD SEPARATELY)
24VDC, Class 2 wiring

- Pure Smart™ WiZ Pro Power Supplies & Controls
- UNI Driver: Universal Dimming (**TRIAC**, **ELV**, **0-10V**) ELV & TRIAC Smart Dimmer & Switch
- DALI/DALI-2
- Electronic Low Voltage (**ELV**)† 50W (fits inside junction box)
- Lutron Hi-Lume/Ecosystem

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

MAKE IT SMART

- Pure Smart™ WiZ Pro Controls

MAXIMUM LENGTHS BEFORE RE-FEEDING

- 1WDC, 1 watts per foot - 50'
- 2WDC, 2 watts per foot - 40'
- 3WDC, 3 watts per foot - 30'
- 5WDC, 5 watts per foot - 20'
- 7WDC, 7 watts per foot - 12'
- 10WDC, 10 watts per foot - 10'

APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed, RoHs, Title 24 JA8 compliant for 2700K CCT and above when used with PureEdge Remote Universal Power Supplies.

NOMINAL LAMP DATA	SS1B				SS2B				SS3B				SS5B				SS7B				SS10B			
WATTS PER FOOT	1W				2W				3W				5W				7W				10W			
COLOR TEMPERATURE	27K	30K	35K	40K	27K	30K	35K	40K	27K	30K	35K	40K	27K	30K	35K	40K	27K	30K	35K	40K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	309	321	325	324	493	508	522	501	710	743	751	724	1005	1016	1104	1036	1344	1394	1502	1433	1903	1960	2102	2074
LUMENS PER WATT (lm/w)	172	179	186	184	172	179	186	184	170	254	185	179	165	170	182	178	161	166	180	175	156	157	174	171
CRI	95	96	93	93	95	94	93	93	96	94	93	93	95	94	93	93	95	94	93	93	94	94	93	94

System		Type		Voltage		Length in Feet		Color Temperature
SS1B	–	**PIN**	–	**24V**	–	**50**	–	**27K**

System	Type	Voltage	Length in Feet	Color Temperature
SS1B High Output Strip, 1 Watts (50ft Max)	**PIN** Pin Connector	**24V** 24 Volt	**1-50**	**27K** 2700K Incandescent White
SS2B High Output Strip, 2 Watts (40ft Max)	**SE1** 6' Soldered lead, 1 end			**30K** 3000K Warm White
SS3B High Output Strip, 3 Watts (30ft Max)	**SE2** 6' Soldered leads, 2 ends			**35K** 3500K Neutral White
SS5B High Output Strip, 5 Watts (20ft Max)				**40K** 4000K Cool White
SS7B High Output Strip, 7 Watts (12ft Max)				
SS10B High Output Strip, 10 Watts (10ft Max)				

PROJECT		FIXTURE TYPE		DATE	

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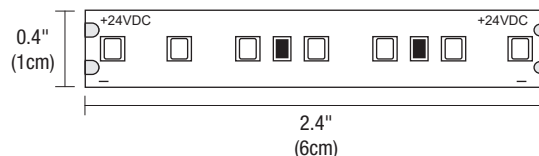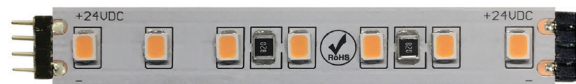PureEdge Lighting reserves the right to modify this specification without prior notice

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STOMP STRIP, STATIC WHITE
24VDC WITH PIN CONNECTORS & SOLDERED LEADS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 11.25.25

PURE EDGE
PureSmart Lighting

0.4" (1cm)

2.4" (6cm)

Our Low Voltage LED strips are highly durable, designed to withstand the harsh elements of a job site, and precision engineered to provide superior color rendering up to 94+ CRI. Both Stomp Strip and Soft Strip are used for our **DIY** (Do-it-Yourself) fixtures and systems.

FEATURES & BENEFITS

- Offered with Pin Connectors or Pre-soldered leads reducing time and labor during installation
- Developed to meet popular demand for resilient performance without sacrificing output, color rendering and efficacy
- Tolerance: Created to resist damage in rigorous environments such as busy commercial jobsites
- Compact LED spacing: Produces uniform light distribution without visible diodes or hot spots when used within a diffused lens
- 4oz Layer of Copper Busbar: Provides superior heat dissipation and less voltage drop equivalent to 14AWG wire
- Premium Coating: Optically Clear Silicone prevents fading over time
- Mounting: Industrial 3M tape lined strip for strong, self-adhesion to most smooth, finished surfaces
- Suitable for indoor damp locations
- Warranty: Includes a 5-year pro-rated warranty

SPECIFICATIONS

- 24VDC
- 2.5, 4.4, 7.3 or 9.6 watts per foot
- Sold in 1' increments
- Field-cuttable in 2.4" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

LAMP

- Offered in multiple Static White Color Temperatures: 2400K, 2700K, 3000K, 3500K & 4000K
- Average life: 50,000 hours

REMOTE POWER SUPPLIES*, DIMMING & CONTROLS (SOLD SEPARATELY)

24VDC, Class 2 wiring

- Pure Smart™ WiZ Pro Power Supplies & Smart Controls
- UNI Driver: Universal Dimming (ELV, TRIAC, 0-10V) ELV & TRIAC Smart Dimmer & Switch
- DALI/DALI-2
- Lutron Hi-Lume/Ecosystem

*In-Wall Mounting and drop ceiling Kits available for select power supplies
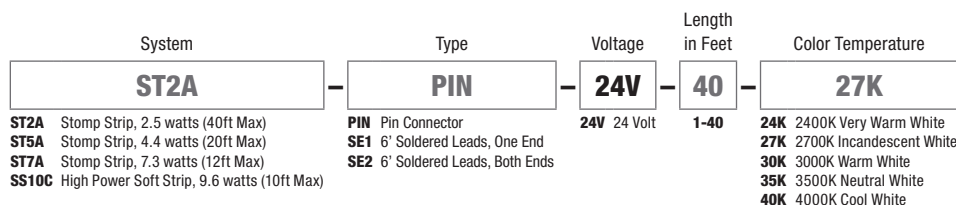
MAXIMUM LENGTHS BEFORE RE-FEEDING

- 2WDC, 2.5 watts per foot - 40'
- 5WDC, 4.4 watts per foot - 20'
- 7WDC, 7.3 watts per foot - 12'
- 10WDC, 9.6 watts per foot - 10'

APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed, RoHs, Title 24 JA8 listed for 2700K CCT and above when used with PureEdge remote Universal power supplies.

NOMINAL LAMP DATA	ST2A					ST5A				
WATTS PER FOOT	2.5W					4.4W				
COLOR TEMPERATURE	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	284	287	299	343	362	525	531	553	634	669
LUMENS PER WATT (lm/w)	114	115	120	137	145	119	121	126	144	152
CRI	92+	92+	92+	92+	92+	92+	92+	92+	92+	92+

NOMINAL LAMP DATA	ST7A					SS10C				
WATTS PER FOOT	7.3W					9.6W				
COLOR TEMPERATURE	24K	27K	30K	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	811	820	854	980	1033	963	1014	1056	1212	1287
LUMENS PER WATT (lm/w)	111	112	117	134	142	100	106	110	126	133
CRI	92+	92+	92+	92+	92+	90+	95+	95+	85+	85+

System	Type	Voltage	Length in Feet	Color Temperature
ST2A	**PIN**	**24V**	**40**	**27K**

ST2A Stomp Strip, 2.5 watts (40ft Max)	PIN Pin Connector	24V 24 Volt	1-40	24K 2400K Very Warm White
ST5A Stomp Strip, 4.4 watts (20ft Max)	SE1 6' Soldered Leads, One End			27K 2700K Incandescent White
ST7A Stomp Strip, 7.3 watts (12ft Max)	SE2 6' Soldered Leads, Both Ends			30K 3000K Warm White
SS10C High Power Soft Strip, 9.6 watts (10ft Max)				35K 3500K Neutral White
				40K 4000K Cool White

PROJECT		FIXTURE TYPE		DATE	

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STOMP STRIP, WARM DIM
24VDC WITH PIN CONNECTORS & SOLDERED LEADS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 11.25.25

PURE EDGE
PureSmart Lighting
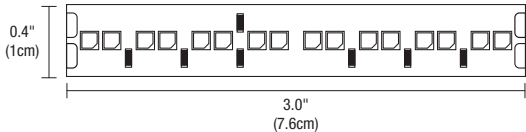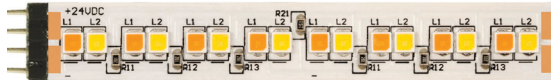
CAN'T STOMP ME OUT

Our Low Voltage Stomp Strip is highly durable, designed to withstand the harsh elements of a job site, and precision engineered to provide superior color rendering up to 94+ 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. Stomp Strip is used for our **DIY** (Do-it-Yourself) fixtures and systems.

FEATURES & BENEFITS

- Offered with Pin Connectors or Pre-soldered leads reducing time and labor during installation
- Developed to meet popular demand for resilient performance without sacrificing output, color rendering and efficacy
- Tolerance: Created to resist damage in rigorous environments such as busy commercial jobsites
- Compact LED spacing: Produces uniform light distribution without visible diodes or hot spots when used within a diffused lens
- 4oz Layer of Copper Busbar: Provides superior heat dissipation and less voltage drop equivalent to 14AWG wire
- Premium Coating: Optically Clear Silicone prevents fading over time
- Mounting: Industrial 3M tape lined strip for strong, self-adhesion to most smooth, finished surfaces
- Suitable for indoor damp locations
- Warranty: Includes a 5-year pro-rated warranty

SPECIFICATIONS

- 24VDC
- 4.8 watts per foot
- Sold in 1' increments
- Field-cuttable in 3" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)
- Maximum length before re-feeding - 20'

LAMP

- **27D** dims from 2700K down to 1800K, and **30D** dims from 3000K down to 2000K, resembling Halogen light sources.
- Average life: 50,000 hours

REMOTE POWER SUPPLIES*, DIMMING & CONTROLS (SOLD SEPARATELY)

24VDC, Class 2 wiring
- UNI Driver: Universal Dimming (ELV, TRIAC, 0-10V) ELV & TRIAC Smart Dimmer & Switch
- Lutron Hi-Lume/Ecosystem
- DALI/DALI-2

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

APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed.

NOMINAL LAMP DATA	ST5A	
WATTS PER FOOT	4.8W	
COLOR TEMPERATURE	27D	30D
LUMENS PER FOOT (lm/ft)	606	631
LUMENS PER WATT (lm/w)	126	131
CRI	94+	94+

System	Type	Voltage	Length in Feet	Color Temperature
ST5A	**PIN**	**24V**	**20**	**30D**

ST5A Stomp Strip, 4.8 watts	**PIN** Pin Connector **SE1** 6' Soldered Leads, One End **SE2** 6' Soldered Leads, Both Ends	**24V** 24 Volt	**1-20**	**27D** 2700K-1800K Warm Dim **30D** 3000K-2000K Warm Dim
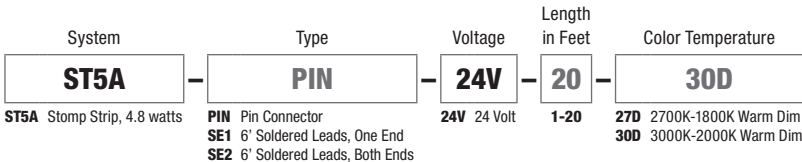
PROJECT		FIXTURE TYPE		DATE	

PRO WARM DIM, STOMP STRIP
24VDC WITH PIN CONNECTORS & SOLDERED LEADS

PURE EDGE
PureSmart Lighting

REV 11.25.25
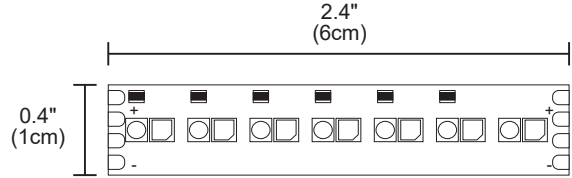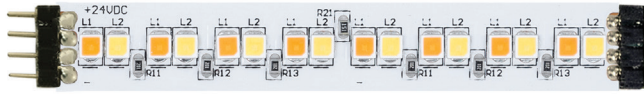
FEATURES & BENEFITS

- Pro Dim LED Strip provides adaptable dim to warm light with 0.1% Dim to off
- High CRI LEDs, offering superior color rendering and enhanced color
- Offered in 2W, 5W, 7W & 10 watts per foot
- The 0.4" (10mm) wide strip contains 35 LEDs per foot (7 LEDs per 2.4" Increment): Tight spacing of LEDs produce uniform light distribution without visible diodes or pixelation when used within a diffused lens
- Gold Plated Contacts: Prevent oxidation ensuring longevity of the LEDs
- 4oz Layer of Copper Busbar: Provides superior heat dissipation and less voltage drop equivalent to 14AWG wire
- Premium Coating: Optically Clear Silicone prevents fading over time
- Mounting: Industrial 3M tape lined strip for strong, self-adhesion to most smooth, finished surfaces
- Applications: Indoor, damp and dry locations
- Warranty: Includes a 5-year pro-rated warranty

SPECIFICATIONS

- 24VDC, 120-277VAC Input
- 2.5, 5, 7.5 and 9.6 watts per foot
- 0-10 Dimming only
- Sold in 1' increments
- Field-cuttable in 2.4" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

LAMP

- Available in 2700K **27KPD** (dims down to 1800K) and **3000K** (30KPD) that dims down to 2000K
- Up to 592 Lumens per foot
- Linear Dimming Curve
- Designer Grade High CRI 92+ LEDs
- Average life: 50,000 hours

MAXIMUM LENGTHS BEFORE RE-FEEDING

- 2WDC - 40'
- 5WDC - 20'
- 7WDC - 12'
- 10WDC - 10'

REMOTE POWER SUPPLIES*, DIMMING & CONTROLS (SOLD SEPARATELY)

24VDC, Class 2 wiring

- Pro Dim Power Supplies & Controls

*In-Wall Mounting Kits available for select Power Supplies

DESCRIPTION	ST2A KPD		ST5A KPD		ST7A KPD		ST10A KPD	
WATTS PER FOOT	2W (2.5 watts)		5W (5 watts)		7W (7.5 watts)		10W (9.6 watts)	
COLOR TEMPERATURE	27KPD	30KPD	27KPD	30KPD	27KPD	30KPD	27KPD	30KPD
LUMENS PER FOOT (lm/ft)	165	173	426	451	523	548	580	592
LUMENS PER WATT (lm/w)	66	69	66	69	58	61	50	51
CRI	92+	92+	92+	92+	92+	92+	92+	92+

System	Pin	Voltage	Length in Feet	Color Temperature
ST5A	**PIN**	**24V**	**1-40**	**30KPD**

ST2A Stomp Strip, 2.5 watts per foot
ST5A Stomp Strip, 5 watts per foot
ST7A Stomp Strip, 7.5 watts per foot
ST10A Stomp Strip, 9.6 watts per foot

PIN Pin Connector
SE1 6' Soldered Leads, One End
SE2 6' Soldered Leads, Both Ends

24V 24 Volt

1-40 Sold in 1' increments

27KPD 2700K-1800K Pro Dim
30KPD 2000K-3000K Pro Dim
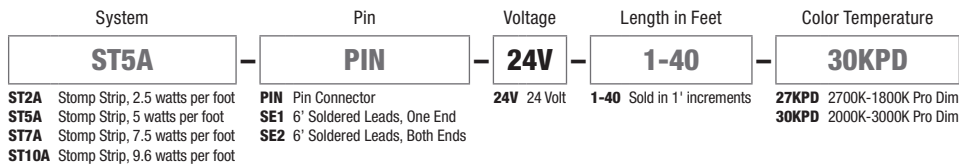
PROJECT		FIXTURE TYPE		DATE	

STOMP STRIP, TUNABLE WHITE
24VDC WITH PIN CONNECTORS & SOLDERED LEADS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 11.25.25

PURE EDGE
PureSmart Lighting
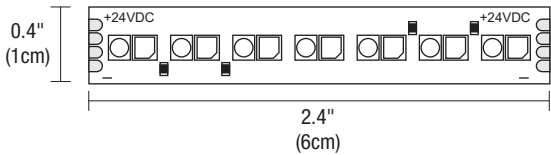
CAN'T STOMP ME OUT

Our Tunable White Stomp Strip is highly durable, designed to withstand the harsh elements of a job site, and precision engineered to provide superior color rendering. Tunable White 2000K-6500K (**2K6K**) or 2700K-6500K (**27K6**) grants independent control and adjustment of color temperature and intensity from 2000K (Sunset) through 6500K (Day Light White). Tunable white lighting visually, biologically and emotionally contributes to human interaction with the physical world. Human centric lighting (HCL) builds on this technology bringing the dynamics of natural daylight indoors, and delivering a positive effect on human health, well-being and performance. Stomp Strip is used for our **DIY** (Do-it-Yourself) fixtures and systems.

FEATURES & BENEFITS

- Offered with Pin Connectors or Pre-soldered leads reducing time and labor during installation
- Developed to meet popular demand for resilient performance without sacrificing output, color rendering and efficacy
- Tolerance: Created to resist damage in rigorous environments such as busy commercial jobsites
- 4oz Layer of Copper Busbar: Provides superior heat dissipation and less voltage drop equivalent to 14AWG wire
- Premium Coating: Optically Clear Silicone prevents fading over time
- Mounting: Industrial 3M tape lined strip for strong, self-adhesion to most smooth, finished surfaces
- Warranty: Includes a 5-year pro-rated warranty

LAMP

- Tunable White: 2000K-6500K (**2K6K**) and 2700K-6500K (**27K6**) grants independent control for adjusting color temperature and intensity
- Average life: 50,000 hours

SPECIFICATIONS

- 24VDC
- Sold in 1' increments, field-cuttable in 2.4" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

REMOTE POWER SUPPLIES*, DIMMING & CONTROLS (SOLD SEPARATELY)

24VDC, Class 2 wiring

- Pure Smart™ WiZ Pro Power Supplies & Smart Controls
- **0-10V** Requires two dimmers, one for intensity and one for color temperature
- DMX & Controls
- DALI/DALI-2

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

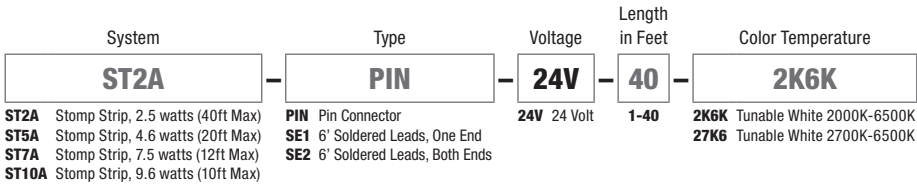### MAXIMUM LENGTHS BEFORE RE-FEEDING

- 2WDC, 2.5 watts per foot - 40'
- 5WDC, 4.6 watts per foot - 20'
- 7WDC, 7.5 watts per foot - 12'
- 10WDC, 9.6 watts per foot - 10'

APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed, RoHS.

NOMINAL LAMP DATA	ST2A 2K6K									ST5A 2K6K									ST7A 2K6K									ST10A 2K6K								
WATTS PER FOOT	2.5 Watts									4.6 Watts									7.5 Watts									9.6 Watts								
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS PER FOOT (lm/ft)	152	154	156	158	160	165	180	194	208	368	383	398	413	428	458	491	496	500	512	536	560	584	608	656	691	698	705	984	1056	1056	1114	1075	1056	792	792	984
LUMENS PER WATT (lm/w)	82	77	78	79	80	82	90	97	115	80	80	83	86	89	95	102	103	109	80	74	78	81	84	91	96	97	110	123	110	110	116	112	110	110	110	123
CRI	91+	91+	91+	94+	93+	92+	92+	91+	91+	91+	91+	91+	94+	93+	92+	92+	91+	91+	91+	91+	91+	94+	93+	92+	92+	91+	91+	91+	91+	92+	94+	94+	94+	92+	91+	91+

NOMINAL LAMP DATA	ST2A 27K6							ST5A 27K6							ST7A 27K6							ST10A 27K6						
WATTS PER FOOT	2.5 Watts							4.6 Watts							7.5 Watts							9.6W						
COLOR TEMPERATURE	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	164	195	201	206	225	242	231	411	420	436	452	447	443	442	555	567	589	610	603	598	596	981	1009	1039	1069	1028	1017	984
LUMENS PER WATT (lm/w)	82	78	80	82	90	97	115	103	91	95	98	97	96	110	87	79	82	85	84	83	93	123	110	113	116	112	111	123
CRI	94+	93+	92+	92+	92+	92+	91+	94+	93+	92+	92+	92+	92+	91+	94+	93+	92+	92+	92+	92+	91+	94+	93+	93+	93+	93+	91+	91+

System	Type	Voltage	Length in Feet	Color Temperature
ST2A	PIN	24V	40	2K6K

ST2A Stomp Strip, 2.5 watts (40ft Max)	PIN Pin Connector	24V 24 Volt	1-40	2K6K Tunable White 2000K-6500K
ST5A Stomp Strip, 4.6 watts (20ft Max)	SE1 6' Soldered Leads, One End			27K6 Tunable White 2700K-6500K
ST7A Stomp Strip, 7.5 watts (12ft Max)	SE2 6' Soldered Leads, Both Ends			
ST10A Stomp Strip, 9.6 watts (10ft Max)				

SOFT STRIP, RGB
24VDC WITH PIN CONNECTORS & SOLDERED LEADS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

PURE EDGE
PureSmart Lighting

0.47"
(12mm)

DESCRIPTION

PureEdge RGB Soft Strip provides dynamic color effects with red, green and blue LEDs. Our color-changing LED strip provides bright, continuous light offered in two wattage options of 3 or 5 watts per foot. PureEdge's focus on chromacity quality provides a balanced output across the color gamut, allowing the creation of millions of beautiful colors. The flexible strip is sold in 1 foot increments. RGB Soft Strip can be controlled using a compatible 24 volt DC power supply with an integrated RGB DMX driver. Includes a flexible aluminum heat sink to extend LED life. Both Stomp Strip and Soft Strip are used for our **DIY** (Do-it-Yourself) fixtures and systems.

SPECIFICATIONS

- 24VDC, Class 2
- Power Consumption: 2.6 or 5 watts per foot
- Maximum Lengths Before Re-feeding: SS3- 36', SS5- 20'
- Sold in 1' increments
- Field-cuttable in increments: SS3- 4" SS5- 2.4"
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

MAXIMUM LENGTHS BEFORE RE-FEEDING

SS3, 2.6 watts per foot - 36'
SS5, 5 watts per foot - 20'

MOUNTING

Self-adhering Soft Strip mounts to most smooth finished surfaces with industrial strength 3M tape (provided on back of strip); some unfinished surfaces may require screw-in mounting clips **SS-MCL** (sold separately).

LAMP

- RGB: Dynamic Red, Green, and Blue
- Wattage options: 3 or 5 watts
- 50,000 Hour Lamp Life

ACCESSORIES (SOLD SEPARATELY)

- 24VDC Power Connectors and Jumpers
- Flexible Connectors
- Mounting Straps & Clips

REMOTE POWER SUPPLIES*, DIMMING & CONTROLS (SOLD SEPARATELY)

24VDC, Class 2 wiring

- DMX & Controls
- DALI/DALI-2

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

APPLICATIONS

Designed for any Indoor space, including Damp locations. Ideal applications in Residential, Commercial, Retail, and Hospitality environments.

APPROVALS

Damp Location, Class 2 wiring, ETL Listed

System	Type	Voltage	Length in Feet	Color Temperature
SS3	**PIN**	**24V**	**36**	**RGB**

System	Type	Voltage	Length in Feet	Color Temperature
SS3 Soft Strip 2.6 watts per foot (max 36')	**PIN** Pin Connector	**24V** 24 Volt	**1-36** Sold in 1 ft. increments	**RGB** Dynamic Color Red, Green, and Blue
SS5 Soft Strip 5 watts per foot (max 20')	**SE1** 6' Soldered Leads, One End			
	SE2 6' Soldered Leads, Both Ends			

PROJECT		FIXTURE TYPE		DATE	

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TRUCOLOR™ RGB & TUNABLE WHITE LED STRIP
24VDC WITH PIN CONNECTORS & SOLDERED LEADS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

REV 11.25.25

PURE EDGE
PureSmart Lighting

3" (76mm)

0.47" (12mm)
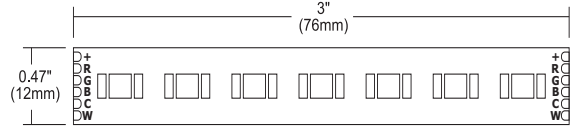
DESCRIPTION

PureEdge Pure Smart **TruColor™** technology uses five channels of tunable LEDs, composed of **RGBTW** red, blue, green, and Tunable White (**1500K**-**6500K**). With our precision-engineered, proprietary color mixing, we produce one of the widest, most accurate spectrums available, giving our customers 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. **TruColor™** LED's achieve an average CRI-Color Rendering Index of 94+ and a Duv of +-0.0021 in relation to the blackbody curve at any point on the spectrum of tunable white CCT. Dynamic Color Changing functionality provides millions of possibilities for intricate customization, rich saturated or secondary colors, and unprecedented ease of installation, making **RGBTW** the ideal choice for residential and commercial applications. **TruColor™** **RGBTW** adds more than just decorative flexibility; it also helps to support a healthy Circadian Rhythm and well-being. Let **TruColor™** transform your space and the people within it. 24VDC Remote Power Supplies required.

FEATURES & BENEFITS

- State-of-the-Art TruColor™ (1500K-6500K) spectrum offers dynamic effects with RGB and Tunable White
- Optimized for use with WiZ Pro wire control ecosystem and Pure Smart Wi-Fi Room Controller.
- Offered with pin connectors reducing time and labor during installation
- Dims from full brightness down to 5%, and tuned anywhere from 1500K to 6500K.
- Developed to meet popular demand for resilient performance without sacrificing output, color rendering, CCT range, spectrum accuracy, or efficacy.
- Tolerance: Created to resist damage in rigorous environments such as busy commercial jobsites
- Compact LED spacing: Produces uniform light distribution without visible diodes or hot spots when used within a diffused lens
- Three 1oz Layers of Copper Busbar per foot provides superior heat dissipation and less voltage drop equivalent to 14AWG wire
- Premium Coating: Optically Clear Silicone prevents fading over time
- Mounting: Industrial 3M tape lined strip for strong, self-adhesion to most smooth, finished surfaces
- Warranty: Includes a 5-year pro-rated warranty

LUMEN PERFORMANCE

- **TruColor™ RGBTW** Red, Green, and Blue with Tunable White (**1500K-6500K**)
- S5W5 360lm/ft 5W @3000K
- S5W7 526m/ft 7W @3000K
- S5W10 622lm/ft 10W @3000K
- Average Life: 50,000 hours

AVERAGE PERFORMANCE 2000K-5500K

- Average CRI: 97+
- Average DUV: +-0.0002
- Average R9: 91, Rg: 103, Rf: 93

SPECIFICATIONS

- 24VDC
- S5W5: 5W RGB & 5W Tunable White
- S5W7: 5W RGB & 7W Tunable White
- S5W10: 5W RGB & 10W Tunable White
- Sold in 1' increments
- Field-cuttable in 3" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

MAXIMUM LENGTHS BEFORE RE-FEEDING

- S5W5 – **Pure Smart™ WiZ Pro**: 20 ft
- S5W7 – **Pure Smart™ WiZ Pro**: 12 ft
- S5W10 – **Pure Smart™ WiZ Pro**: 10 ft

REMOTE POWER SUPPLIES*, DIMMING & CONTROLS (SOLD SEPARATELY)
24VDC, Class 2 wiring

- Home Integration Solutions
- Pure Smart™ WiZ Pro Power Supplies
- Pure Smart™ Wi-Fi Controllers
  Features ON/OFF buttons, CCT and brightness control as well as four preset/custom scenes programmable in the WiZ app. Communicates via 2.4GHz Wi-Fi. No Hub needed. Voice control with Goggle Assistant, Alexa, Siri,Shortcuts, and IFTTT
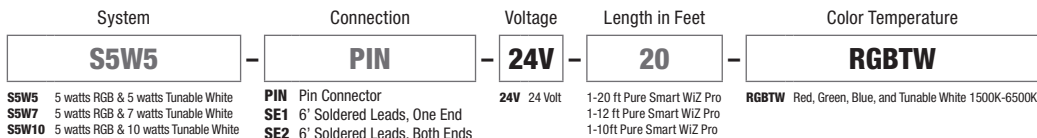
APPLICATIONS

Designed for indoor use only. Ideal applications for residential, commercial, hospitality environments, and general human centric lighting.

APPROVALS

Class 2 Wiring up to 100 watts, Indoor Damp Location, ETL listed, RoHS.

DESCRIPTION	S5W5 5W RGB & 5W TUNABLE WHITE									S5W7 5W RGB & 7W TUNABLE WHITE									S5W10 5W RGB & 10W TUNABLE WHITE								
WATTS PER FOOT	5W Maximum									7W Maximum									10W Maximum								
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS PER FOOT (lm/ft)	171	256	311	349	360	380	410	288	265	211	352	452	513	526	554	543	319	289	224	359	482	566	622	667	649	365	331
LUMENS PER WATT (lm/w)	63	56	71	82	85	87	98	98	111	63	91	73	86	86	90	93	92	96	64	45	61	73	79	86	78	100	114
CRI	92	94	95	95	96	97	97	92	90	93	95	96	97	97	98	97	93	93	93	95	96	97	97	98	97	93	92
Duv	-0.004	-0.0012	-0.0034	-0.0058	-0.0055	-0.0033	-0.0014	-0.0049	-0.0063	-0.003	0.0002	0.003	0.003	0.003	0.0009	0	0.003	0.003	-0.0028	-0.0005	-0.0022	-0.0035	-0.003	-0.0011	-0.0001	-0.0038	-0.0048
Rf	91	93	94	94	95	94	94	92	90	92	93	95	95	95	95	94	92	91	92	93	95	95	95	95	94	92	91
Rg	105	101	103	105	104	102	100	102	103	104	100	102	103	103	101	100	102	103	104	100	103	104	103	102	100	102	103
R9	90	90	90	94	97	97	91	81	70	91	90	90	94	95	93	93	79	67	91	90	90	94	95	93	90	79	69
R13	92	94	95	95	94	96	99	90	87	92	95	96	97	99	99	99	91	88	92	94	96	96	97	100	99	92	89
R15	99	99	99	98	97	97	97	89	85	99	99	99	99	99	98	97	90	85	99	99	99	99	99	98	97	90	86
WiZ PRO WATTS/FOOT	2.7	4.55	4.35	4.25	4.25	4.35	4.2	2.95	2.4	3.35	3.85	6.15	5.95	6.15	6.15	5.84	3.45	3	3.5	8	7.9	7.7	7.85	7.8	8.3	3.65	2.9

System	Connection	Voltage	Length in Feet	Color Temperature
S5W5	PIN	24V	20	RGBTW

System	Connection	Voltage	Length in Feet	Color Temperature
S5W5 5 watts RGB & 5 watts Tunable White S5W7 5 watts RGB & 7 watts Tunable White S5W10 5 watts RGB & 10 watts Tunable White	PIN Pin Connector SE1 6' Soldered Leads, One End SE2 6' Soldered Leads, Both Ends	24V 24 Volt	1-20 ft Pure Smart WiZ Pro 1-12 ft Pure Smart WiZ Pro 1-10ft Pure Smart WiZ Pro	RGBTW Red, Green, Blue, and Tunable White 1500K-6500K

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PROJECT | FIXTURE TYPE | DATE

TRUCOLOR™ RGB & TUNABLE WHITE LED STRIP
24VDC WITH PIN CONNECTORS

PURE EDGE
PureSmart Lighting

REV 11.25.25

Premium Silicone Coating
LED Strip
1oz Copper
Insulator
1oz Copper
Insulator
1oz Copper
3M Adhesive Tape

Tight LED Spacing

No Pixelation When Used with Lens

White Finish

PIN CONNECTOR

6' SOLDERED LEAD, 1 END (SE1)

6' SOLDERED LEAD, 2 ENDS (SE2)
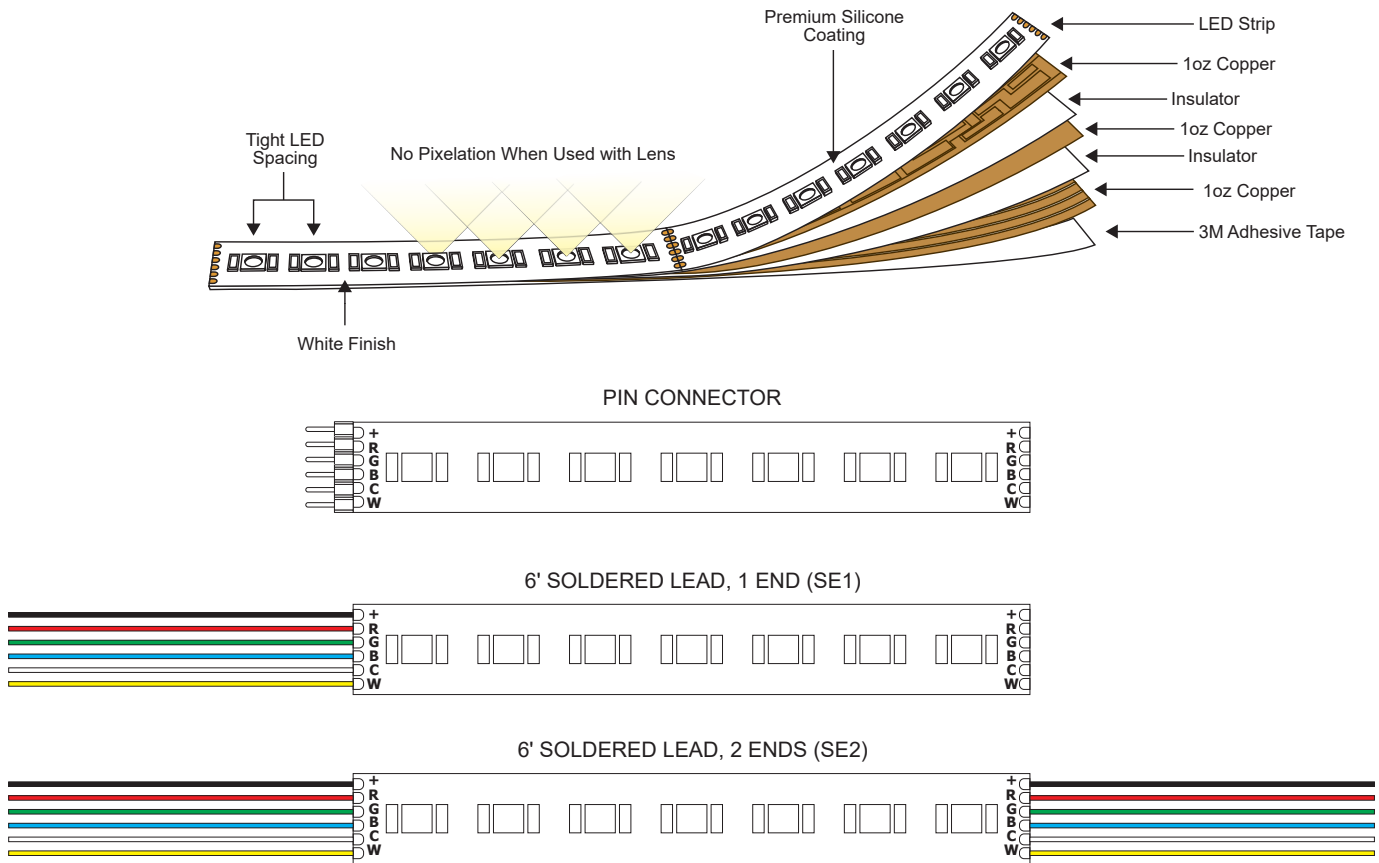
S5W5 WATTS PER FOOT				
LENGTH IN FEET	RGB Wattage	Tunable White Wattage	Pure Smart™ WiZ Pro Wattage	DMX Wattage
1	5	5	5	10
2	10	10	10	20
3	15	15	15	30
4	20	20	20	40
5	25	25	25	50
6	30	30	30	60
7	35	35	35	70
8	40	40	40	80
9	45	45	45	90
10	50	50	50	100
11	55	55	55	
12	60	60	60	
13	65	65	65	
14	70	70	70	
15	75	75	75	
16	80	80	80	
17	85	85	85	
18	90	90	90	
19	95	95	95	
20	100	100	100	

S5W7 WATTS PER FOOT			
LENGTH IN FEET	RGB Wattage	Tunable White Wattage	Pure Smart™ WiZ Pro Wattage
1	5	7	7
2	10	14	14
3	15	21	21
4	20	28	28
5	25	35	35
6	30	42	42
7	35	49	49
8	40	56	56
9	45	63	63
10	50	70	70
11	55	77	77
12	60	84	84

S5W10 WATTS PER FOOT			
Length In Feet	RGB Wattage	Tunable White Wattage	WiZ Pro Wattage
1	5	10	10
2	10	20	20
3	15	30	30
4	20	40	40
5	25	50	50
6	30	60	60
7	35	70	70
8	40	80	80
9	45	90	90
10	50	100	100

PROJECT		FIXTURE TYPE		DATE	

www.PureEdgeLighting.com | Phone: 773.770.1195 | 1718 W. Fullerton Ave. Chicago, IL 60614
PureEdge Lighting reserves the right to modify this specification without prior notice
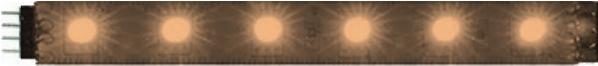
15

SOFT STRIP, MONOCHROMATIC COLOR
24VDC WITH PIN CONNECTORS & SOLDERED LEADS

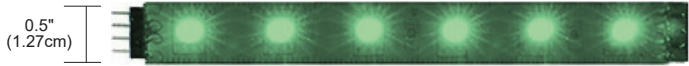DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING
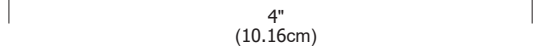
REV 11.25.25

PURE EDGE
PureSmart Lighting

RRR - Red

AAA - Amber

BBB - Blue

GGG - Green

0.5"
(1.27cm)

4"
(10.16cm)

DESCRIPTION

PureEdge Monochromatic Color Soft Strip provides dynamic color effects with monochromatic color LEDs. Offered in Red, Amber, Blue, and Green. The 1/2" wide flexible copper strip, with an optically clear protective coating, is sold in 1ft increments up to 36 ft with cutting increments every 4 inches. Self-adhering, our strip mounts to most smooth finished surfaces with the industrial strength 3M tape on the back. Our Soft Strip is used for our **DIY** (Do-it-Yourself) fixtures and systems. Includes 5 year warranty.

SPECIFICATIONS
- 24VDC, Class 2
- Power Consumption: 2.6 or 5 watts per foot
- Sold in 1' increments
- Field-cuttable in 4" increments
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

MOUNTING

Industrial 3M tape lines back of strip for self-adhesion to most smooth finished surfaces Additional Connectors, Mounting Straps, and Clips may be needed for some applications (sold separately).

ACCESSORIES (SOLD SEPARATELY)
- 24VDC Power Connectors and Jumpers
- Flexible Connectors
- Mounting Straps & Clips

LAMP
- Monochromatic Red, Amber, Blue, and Green
- 18 LEDs per foot
- 50,000 Hour Lamp Life

MAXIMUM LENGTHS BEFORE RE-FEEDING
- 3WDC, 2.6 watts per foot - 36'
- 5WDC, 5 watts per foot - 20'

REMOTE POWER SUPPLIES*, DIMMING & CONTROLS (SOLD SEPARATELY)
24VDC, Class 2 wiring
- Pure Smart™ WiZ Pro Power Supplies & Controls
- UNI Driver: Universal Dimming (ELV, TRIAC, 0-10V) ELV & TRIAC Smart Dimmer & Switch
- Lutron Hi-Lume/Ecosystem
- DALI/ DALI 2

*In-Wall Mounting Kits available for select power supplies

APPLICATIONS

Indoor and damp locations. Applications include coves, toe-kicks, under cabinets and shelving, bookcases, drawers, pathways, accent lighting, task lighting, and general illumination.

APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed.

System		Type		Voltage	Length In Feet	Color Temperature
SS3		**PIN**		**24V**	**36**	**AAA**

SS3 Soft Strip Commercial Grade, 2.6 watts per foot (max 36')	**PIN** Pin Connector	**24V** 24 Volt	**1-36** 1-36 feet	**AAA** Amber	
SS5 Soft Strip Commercial Grade, 5 watts per foot (max 20')	**SE1** 6' Soldered Leads, One End			**BBB** Blue	
	SE2 6' Soldered Leads, Both Ends			**GGG** Green	
				RRR Red	

PROJECT		FIXTURE TYPE		DATE	

www.PureEdgeLighting.com | Phone: 773.770.1195 | 1718 W. Fullerton Ave. Chicago, IL 60614
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TM30 DATA
24VDC, DO-IT-YOURSELF PLASTER-IN LED SYSTEM

TM-30-15 DATA: The data below is for bare LED Static White 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.

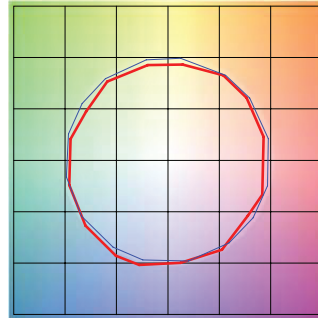### 2400K | Rf: 84.5 | Rg: 94.4
Color Vector Graphic
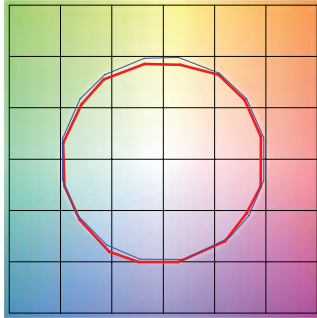
		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	92	-2.4%	1.5%
2	94.7	-2.1%	-0.0%
3	95.4	-1.9%	-0.1%
4	88.7	-6.7%	-3.1%
5	92.8	-5.6%	1.0%
6	92.7	-3.4%	3.4%
7	89.9	-4.3%	4.1%
8	92.4	-1.4%	4.4%
9	89	-0.6%	5.8%
10	88.9	0.4%	6.2%
11	89.7	4.0%	5.4%
12	92.6	3.0%	-0.7%
13	90.9	1.1%	-7.0%
14	89.9	0.5%	-5.8%
15	92.1	-3.2%	0.1%
16	88.9	-1.7%	-6.3%

Test Reference

2700K | Rf: 87.7 | Rg: 96.1
Color Vector Graphic

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	88.0	-4.3%	2.6%
2	91.6	-2.4%	2.0%
3	93.7	-1.4%	1.9%
4	88.9	-5.6%	-3.1%
5	92.3	-5.5%	-0.5%
6	92.9	-3.5%	0.1%
7	84.5	-7.5%	4.6%
8	90.8	-3.0%	4.4%
9	84.5	-1.3%	8.3%
10	83.9	2.0%	9.8%
11	87.2	5.3%	7.1%
12	89.2	5.4%	-2.6%
13	88.7	0.3%	-7.8%
14	86.8	1.7%	-9.3%
15	87.6	-5.4%	-1.3%
16	83.6	-3.3%	-9.5%

Test Reference

3000K | Rf: 88.1 | Rg: 99.7
Color Vector Graphic
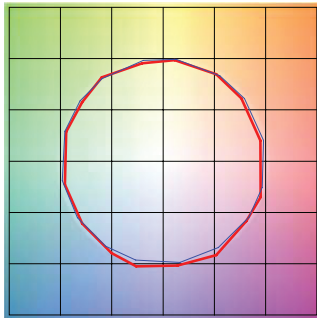
		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	92.5	-3.1%	0.3%
2	93.3	-2.3%	1.9%
3	90.9	-0.8%	3.9%
4	94.3	-1.1%	1.4%
5	92.5	-2.6%	1.5%
6	96.4	1.2%	-0.3%
7	92.6	-2.5%	-0.0%
8	96.9	-1.4%	0.2%
9	92.3	-1.8%	4.3%
10	86.6	-0.7%	7.0%
11	86.5	2.4%	8.2%
12	89.8	5.9%	1.7%
13	93.9	2.6%	-2.7%
14	89.4	5.1%	-5.8%
15	90.1	-0.1%	-4.7%
16	86.5	0.3%	-9.7%

Test Reference

3500K | Rf: 86.1 | Rg: 95.5
Color Vector Graphic
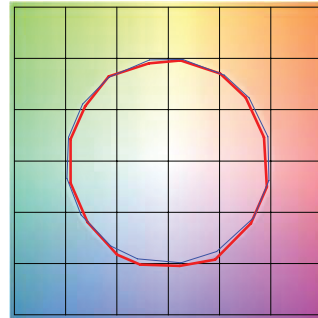
		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	90.8	-3.8%	0.3%
2	92.3	-2.8%	2.1%
3	89.7	-1.0%	4.3%
4	92.6	-1.4%	1.7%
5	91.8	-3.1%	1.3%
6	96.2	0.8%	-0.4%
7	92.9	-3.2%	0.2%
8	94.3	-2.5%	1.5%
9	90.4	-2.5%	5.2%
10	84.3	-1.4%	9.5%
11	83.1	3.5%	9.8%
12	88.2	4.8%	3.4%
13	94.0	2.7%	-2.0%
14	88.7	5.9%	-5.8%
15	88.7	0.7%	-5.9%
16	86.8	-0.7%	-6.7%

Test Reference

4000K | Rf: 87.6 | Rg: 96.8
Color Vector Graphic
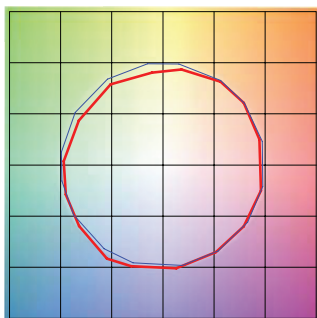
		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	88.9	-2.4%	2.5%
2	93.3	-0.4%	0.8%
3	94.8	-1.0%	-0.6%
4	87.9	-4.9%	-3.6%
5	85.3	-9.4%	-2.6%
6	90.2	-6.0%	0.2%
7	85.3	-7.6%	4.6%
8	83.7	-4.1%	8.2%
9	79.5	-1.1%	13.8%
10	78.6	1.5%	12.1%
11	83.5	6.4%	7.8%
12	90.9	3.6%	-1.1%
13	88.3	1.7%	-6.3%
14	91.9	-0.4%	-2.2%
15	84.5	-0.9%	-5.5%
16	84.7	-1.1%	-4.4%

Test Reference

PROJECT		FIXTURE TYPE		DATE	

TM30 DATA
24VDC, DO-IT-YOURSELF PLASTER-IN LED SYSTEM

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.
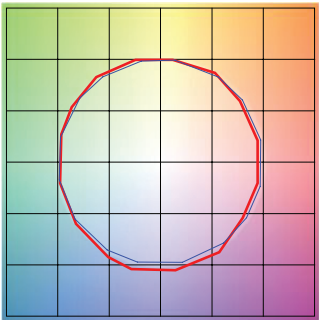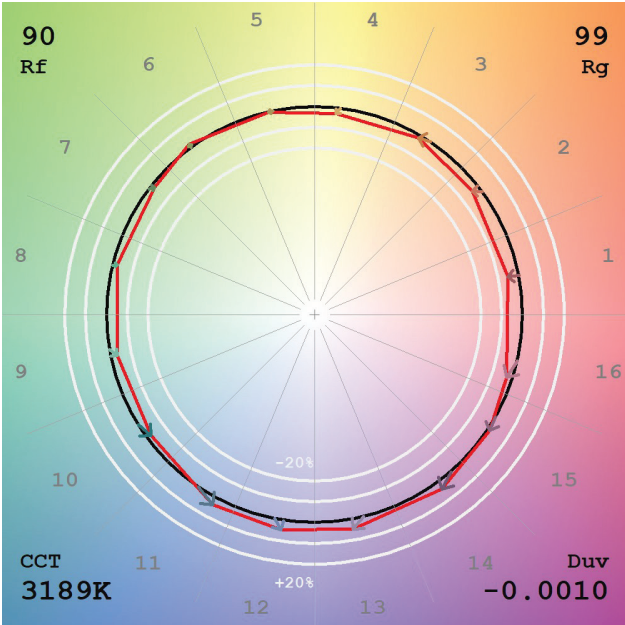
2700D | Rf: 90.7 | Rg: 101.1

Color Vector Graphic
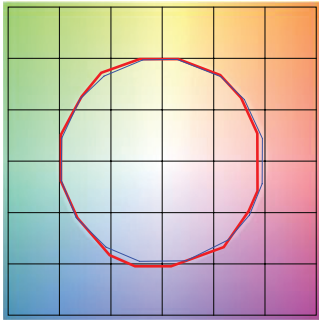
Test Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	90.9	-4.1%	1.1%
2	91.8	-2.2%	3.2%
3	89.0	0.2%	5.0%
4	92.9	-1.1%	0.8%
5	93.9	1.1%	1.7%
6	93.3	3.3%	0.0%
7	93.1	-0.5%	-1.9%
8	97.2	-0.3%	-0.9%
9	93.4	-1.0%	3.2%
10	89.9	-0.1%	5.6%
11	87.0	4.7%	7.2%
12	89.2	5.8%	-0.2%
13	89.1	3.5%	-6.7%
14	86.3	4.1%	-9.2%
15	91.4	-2.0%	-3.6%
16	84.7	-2.1%	-10.3%

3000D | Rf: 90.6 | Rg: 101.1

Color Vector Graphic

Test Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	91.5	-3.5%	1.3%
2	92.2	-1.8%	3.0%
3	89.3	0.5%	4.8%
4	92.7	-1.1%	0.6%
5	93.3	0.5%	1.4%
6	93.8	2.7%	-0.8%
7	91.2	-2.1%	-0.2%
8	97.0	-0.5%	-0.7%
9	92.5	-0.7%	3.8%
10	88.3	0.9%	7.1%
11	87.5	3.9%	7.6%
12	88.2	6.2%	-0.2%
13	89.9	3.4%	-6.0%
14	86.9	4.4%	-8.5%
15	91.9	-1.9%	-2.9%
16	84.7	-1.3%	-10.6%

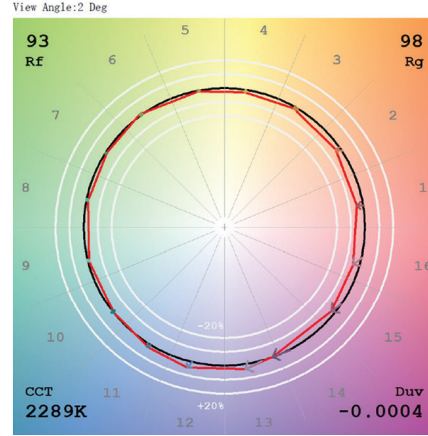| PROJECT		FIXTURE TYPE		DATE	

TM30 DATA
24VDC, DO-IT-YOURSELF PLASTER-IN LED SYSTEM

TM-30-15 DATA: The data below is for Pro Dim bare LED Strips. 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.

2000K ONLY (30KPD)
View Angle: 2 Deg

91 Rf	**99** Rg
CCT 2830K	**Duv** −0.0004
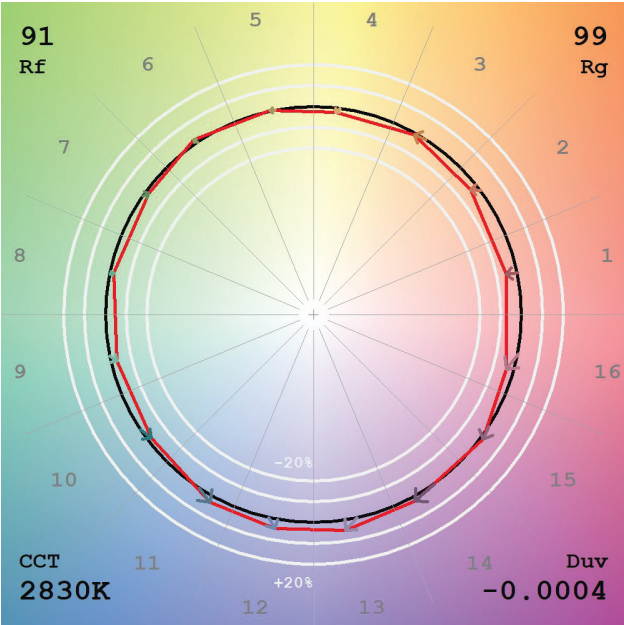
3000K ONLY (30KPD)
View Angle: 2 Deg

90 Rf	**99** Rg
CCT 3189K	**Duv** −0.0010

PROJECT		FIXTURE TYPE		DATE	

TM-30-15 DATA: The data below is for TruColor™ RGBTW (S5W7) bare LED Strips. 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.

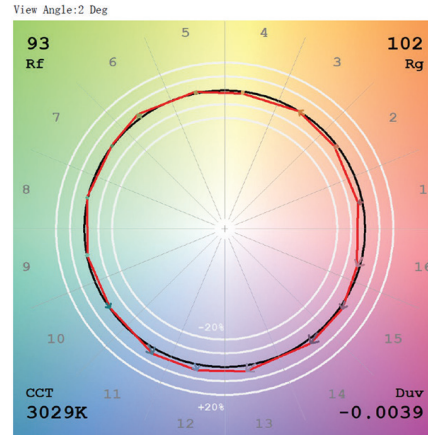### 2000K (TruColor™ RGBTW)
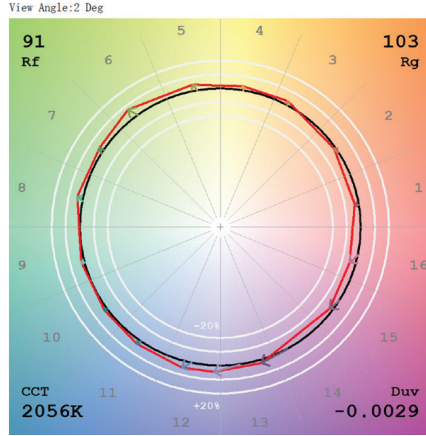
2200K (TruColor™ RGBTW)
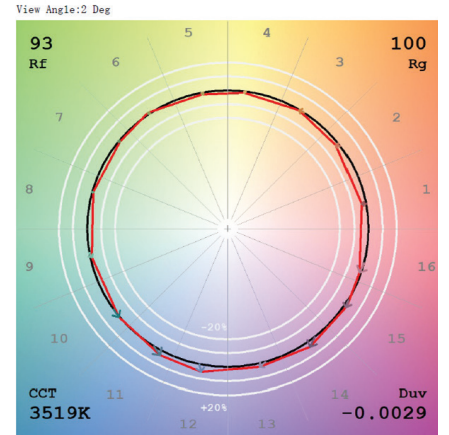

2400K (TruColor™ RGBTW)
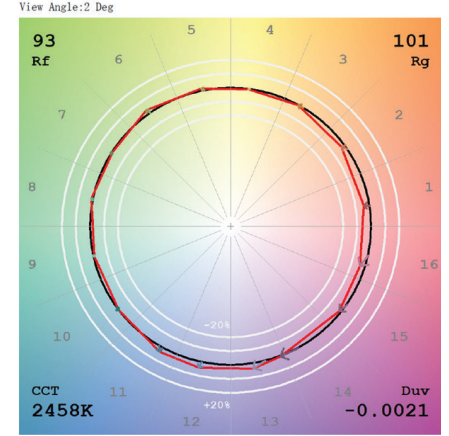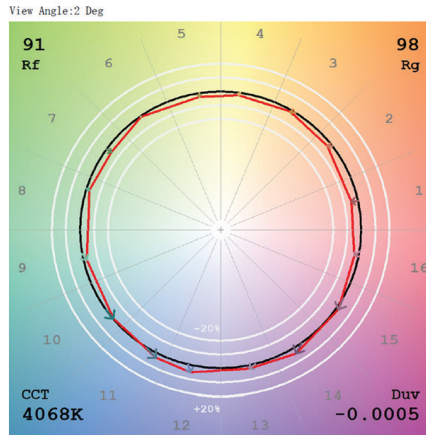

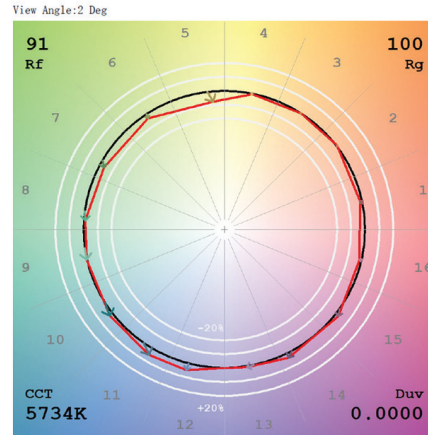### 2700K (TruColor™ RGBTW)
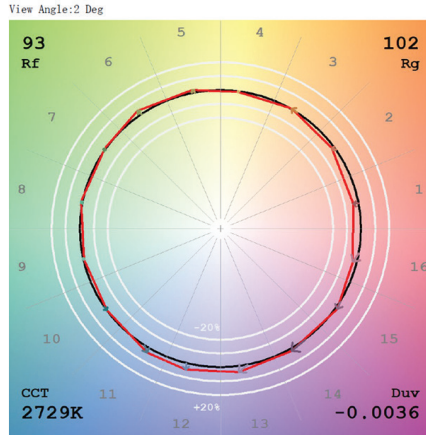
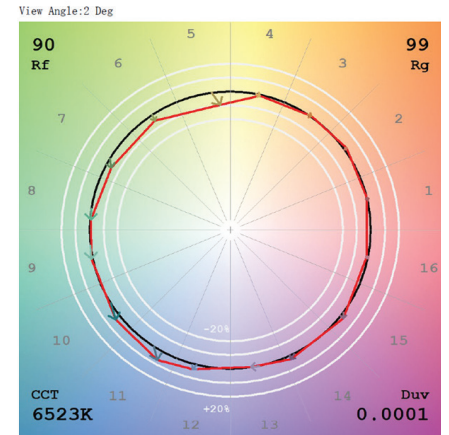### 3000K (TruColor™ RGBTW)

3500K (TruColor™ RGBTW)

4000K (TruColor™ RGBTW)

5700K (TruColor™ RGBTW)

6500K (TruColor™ RGBTW)

PROJECT		FIXTURE TYPE		DATE	