TruTrack®
WITH INTEGRAL LED STRIP

DESIGNED BY GREGORY KAY | MANUFACTURED IN AMERICA | US PATENT ISSUED

REV 02.01.21

PURE EDGE LIGHTING

Opaque Cover

Transparent Cover

| STEP 1 Cut into 5/8" drywall. | STEP 2 Plaster. | STEP 3 Paint ceiling & add T24 Track Heads, LED Soft Strip & Transparent Cover. |

DESCRIPTION

TruTrack is a patented recessed 24VDC two power feed/circuit track (one circuit - track, second circuit - LED soft strip) with a linear plaster-in LED system that is only as thick as the 5/8" drywall, eliminating the concern of hitting studs, and allowing complete flexibility to make turns along the ceiling.

FEATURES

- Designed for combining recessed Track Spots and adding LED Soft Strip for a clean modern look. System may be switched and dimmed as a Single Circuit or separately as a 2-Circuit System. Track heads can be powered with a maximum load of 200 watts per circuit and LED soft strip can be powered with a maximum of 100 Watt power supply for each circuit. Remote power supply can be located up to 40ft away from the power feed.
- Linear Plaster-in LED and Track System can be installed on a single surface (Wall or Ceiling), or on multiple surfaces going from the Wall to the Ceiling.
- Pre-Formed components will help you to create desired configurations including Picture Frame and Room Wrapping Installations
- LED Soft Strip is sold in 1' increments 40' maximum length, up to 100 watts supply before re-feeding.
- Track Head Lumen Output up to 1356 Lumens (12.5 Watts), with 4 different Beam Spreads to choose from.
- Track Power Feeds may be ordered in End, Center, L, T, and X, up to 100 Watts before re-feeding, 200 Watts at Center Feed.
- Recessed TruTrack Channel is available in 2', 4', 6', and 8' field-cuttable lengths.

- Two White Plastic Opaque Slot Covers and one Transparent Lens Slot cover are included with TruTrack Channel to hide Recessed Track Slot and LED Dots. Opaque Cover may be painted to match the ceiling, order Transparent Cover separately when adding Soft Strip.
- #10 Gauge Busbar to help eliminate voltage drop

FINISH & MATERIAL
- White Powder Coat Paint
- Extruded Aluminum Channel, conductors are a pair of #10 Gauge Copper Busbar

APPLICATIONS
Suitable for damp or dry location. Interior use only.

TRACK FIXTURES AND INTEGRAL LED STRIP
- Track Heads: Static White - 24K, 27K, 30K and 35K. Warm Dim - 30D
- Integral LED Strip: 7 Static White Colors - 22K-57K. Warm Dim - 27D and 30D

24VDC POWER SUPPLIES (SOLD SEPARATELY)
- 0-10V Dimming (0-10V up to 100 Watts for the LED Circuit, and 200 Watts for the Track Circuit), Remote only

WARRANTY / LABELS
5 year pro-rated warranty. Assembled in America
ETL (Conforms to UL 1598 and 2108 and CSA 22.2 #250.0), California Title 24 Class 2 Under 100 Watts, 200Watts UL2108
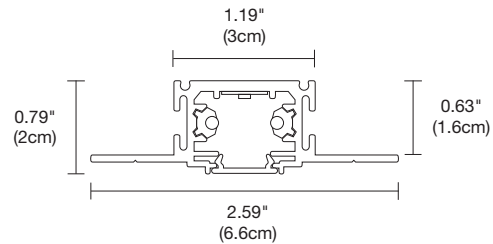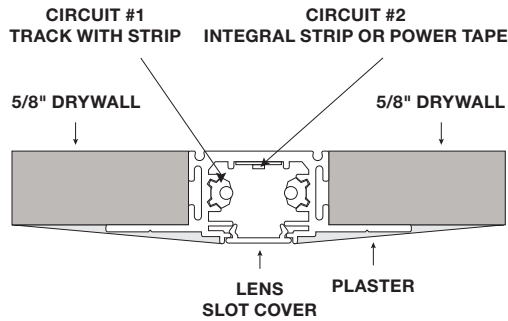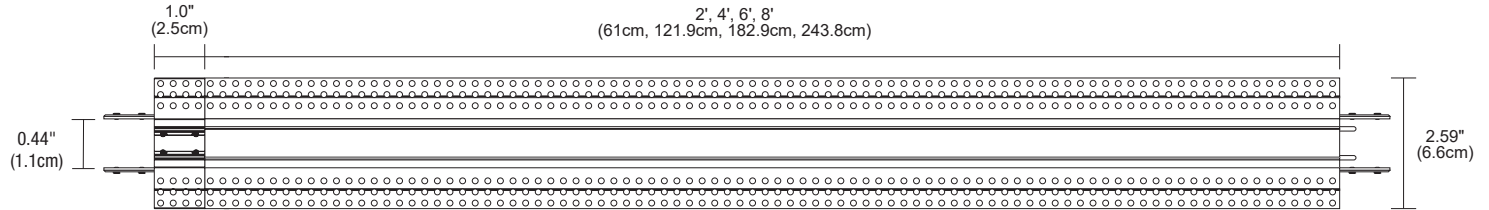**1-hour fire rating uses Two pieces of Type X Gypsum board, for 2-Hour fire rating use Three pieces of Type X Gypsum board.**

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

| PROJECT | | FIXTURE TYPE | | DATE | |

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For custom design and layout assistance, send drawings to **design@PureEdgeLighting.com**

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TRUTRACK®
WITH INTEGRAL LED STRIP

PURE EDGE LIGHTING

TWO CIRCUIT RECESSED 24VDC TRACK

1.0"
(2.5cm)

2', 4', 6', 8'
(61cm, 121.9cm, 182.9cm, 243.8cm)

0.44"
(1.1cm)

2.59"
(6.6cm)

CIRCUIT #1
TRACK WITH STRIP

CIRCUIT #2
INTEGRAL STRIP OR POWER TAPE

5/8" DRYWALL

5/8" DRYWALL

LENS
SLOT COVER

PLASTER

1.19"
(3cm)

0.79"
(2cm)
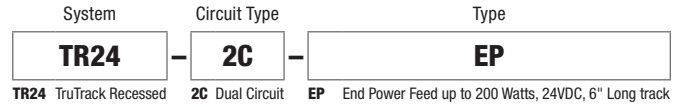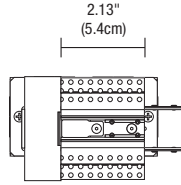
0.63"
(1.6cm)

2.59"
(6.6cm)

TWO CIRCUIT TRACK

Made of extruded Aluminum Channel with #10 Gauge Bus Bar for Track circuit #1 and with 4oz Copper Power tape to connect Soft Strip Circuit #2. Includes TR24-SC2 connector. LED Soft Strip must be ordered separately by the foot up to 20ft long. Designed for use with two separate 24VDC Remote Power Supplies, sold separately. Includes one Mudding Cover and one Paintable Cover, one Opaque Slot Cover for Track Slot and one Diffused Slot for LED Soft Strip and track joiner.

System	Circuit	Length in Feet	Color
TR24	**2C**	**8FT**	**WH**
TR24 TruTrack Recessed	**2C** Single Circuit for Track & Single Circuit for Soft strip	**2FT** **4FT** **6FT** **8FT**	**WH** White Powder Paint

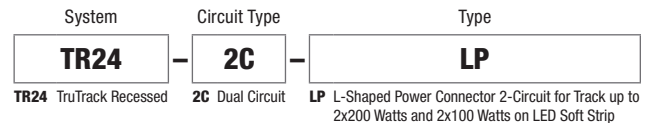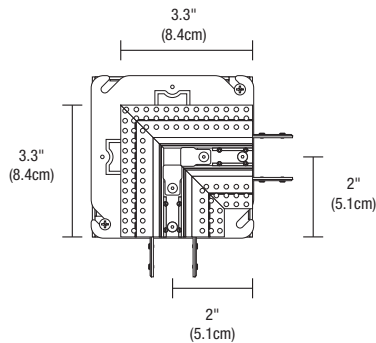| PROJECT		FIXTURE TYPE		DATE	

COMPONENTS

2.13"
(5.4cm)

END POWER FEED WITH JUNCTION BOX FOR 5/8"-1.25" DRYWALL
2" starter section included. Feed 24VDC Track up to 200 watts and 100 watts for LED Soft Strip. May be used on cement ceiling with only 5/8" dry wall. (J-Box not used).

System	Circuit Type	Type
TR24	**2C**	**EP**
TR24 TruTrack Recessed	**2C** Dual Circuit	**EP** End Power Feed up to 200 Watts, 24VDC, 6" Long track

3.13"
(8cm)

CENTER POWER FEED WITH JUNCTION BOX FOR 5/8"-1.25 DRYWALL
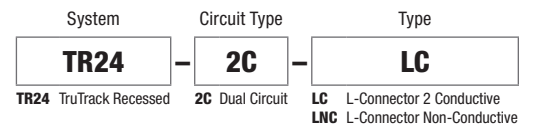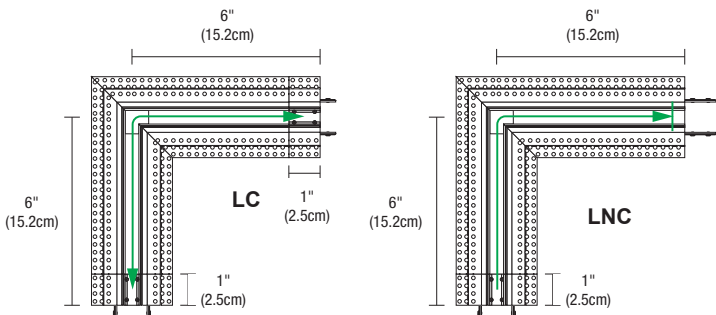3" starter section included, feed 5 track up to 2x 200 watts 24VDC and LED soft strip 2x100 watts.

System	Circuit Type	Type
TR24	**2C**	**CP**
TR24 TruTrack Recessed	**2C** Dual Circuit	**CP** Center Power Feed for Track up to 2x200 Watts and 2x100 Watts on LED Soft Strip

3.3"
(8.4cm)

3.3"
(8.4cm)

2"
(5.1cm)

2"
(5.1cm)
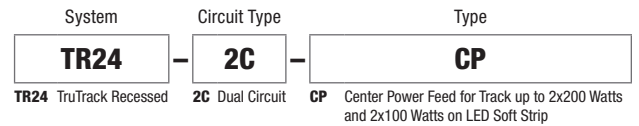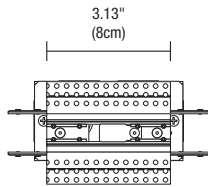
L-SHAPED POWER CONNECTOR FOR 5/8" DRYWALL WITH JUNCTION BOX
Feeds track up to 2x200 watts 24VDC and LED soft strip up to 2x100 watts.

System	Circuit Type	Type
TR24	**2C**	**LP**
TR24 TruTrack Recessed	**2C** Dual Circuit	**LP** L-Shaped Power Connector 2-Circuit for Track up to 2x200 Watts and 2x100 Watts on LED Soft Strip

6"
(15.2cm)

6"
(15.2cm)

6"
(15.2cm)

LC

1"
(2.5cm)

6"
(15.2cm)

LNC

1"
(2.5cm)

1"
(2.5cm)

1"
(2.5cm)

L-CONNECTOR
Conductive or Non-Conductive L-Connector joins two straight TruTrack Channels together to make a 90° angle. Order Non-Conductive when adding two Power Supplies in a square configuration. Track head can be placed on this portion of track. Soft Strip "Take Up Junction Box" included for extra LED strip at end of run.

System	Circuit Type	Type
TR24	**2C**	**LC**
TR24 TruTrack Recessed	**2C** Dual Circuit	**LC** L-Connector 2 Conductive **LNC** L-Connector Non-Conductive

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COMPONENTS (Cont'd)

T-SHAPE POWER FEED WITH JUNCTION BOX FOR 5/8"-1.25" DRYWALL
Feeds track up to 3x200 watts 24VDC and LED soft strip up to 3x100 watts.

4"
(10.2cm)

3.3"
(8.4cm)

2"
(5.1cm)
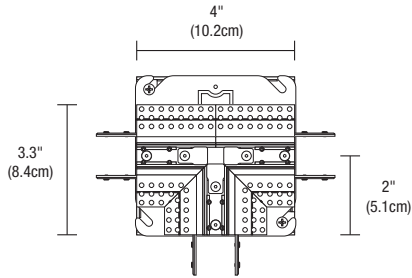
System	Circuit Type	Type
TR24	**2C**	**TP**
TR24 TruTrack Recessed	**2C** Dual Circuit	**TP** T-Shaped Power Triple Feed 2-Circuit for Track up to 3x200 Watts and 3x100 Watts on LED Soft Strip

X-SHAPE POWER FEED WITH JUNCTION BOX FOR 5/8"-1.25" DRYWALL
Feeds track up to 4x200 watts 24VDC and LED soft strip up to 4x100 watts.

4"
(10.2cm)

4"
(10.2cm)

2"
(5.1cm)
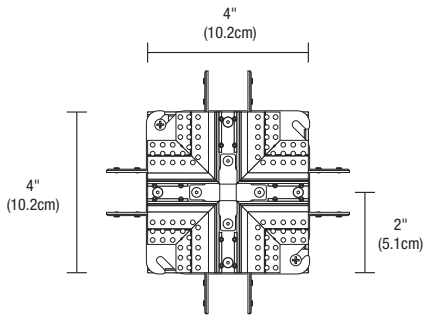
System	Circuit Type	Type
TR24	**2C**	**XP**
TR24 TruTrack Recessed	**2C** Dual Circuit	**XP** X-Shaped Power Quad Feed 2-Circuit for Track up to 4x200 Watts and 4x100 Watts on LED Soft Strip

TRANSPARENT LENS SLOT COVER FOR LED SOFT STRIP (INCLUDED)
One included with each TruTrack Recessed track order. Use Slot Cover for LED Soft Strip to give you a clean Line of Light any where along the Track. No LED dots. Field Cuttable.

System	Type	Length in Feet	Color
T24	**SCT**	**8FT**	**DW**
T24 Track Recessed 24VDC	**SCT** Slot Cover, Transparent	**8FT** 8'	**DW** Diffused Translucent White

OPAQUE SLOT COVER, PAINTABLE (INCLUDED)
One paintable Plastic Slot Cover Included with each TruTrack Recessed Track. Field Cuttable.
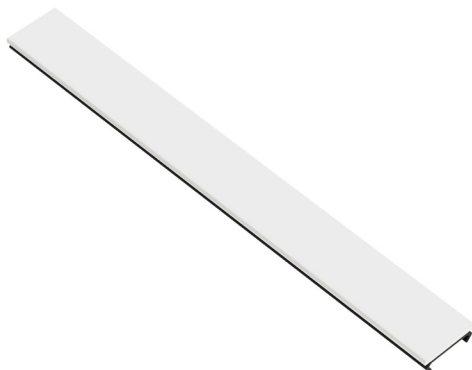
System	Type	Length in Feet	Color
T24	**SCO**	**8FT**	**WH**
T24 Track Recessed 24VDC	**SCO** Slot Cover, Opaque	**8FT** 8'	**WH** Opaque White

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COMPONENTS (Cont'd)

MUDDING COVER, OPAQUE SLOT COVER (INCLUDED)
Mud cover used in installation to keep plaster out of track. Included with track.

| System	Type	Length in Feet	Color
T24	**COV**	**8FT**	**WH**
T24 Track Recessed 24VDC	COV Mudding Slot Cover	8FT 8'	WH Opaque White

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END CAP
To be ordered with each dead end of TR24 Track System, can be used as a take up receptacle for extra soft strip.

1"
(2.5cm)

1"
(2.5cm)

0.68"
(1.7cm)

2.66"
(6.8cm)
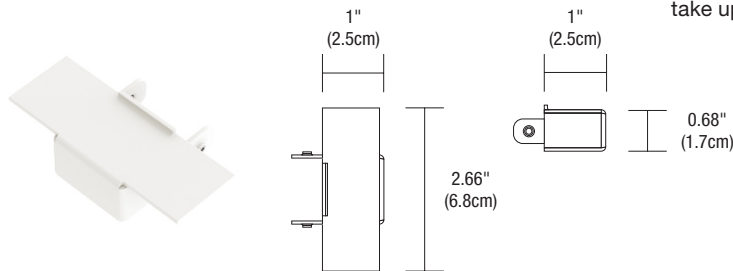
System	Type	Color
TR24	**CA**	**WH**
TR24 TruTrack Recessed	CA End Cap	WH White Cover

24V TRACK INLINE STRAIGHT SEAMLESS CONNECTOR, CONDUCTIVE
Order when cutting and joining a Track. Includes 2" Opaque and Transparent Slot Cover.

TR24-SC2-WH   **TR24-SNC2-WH**
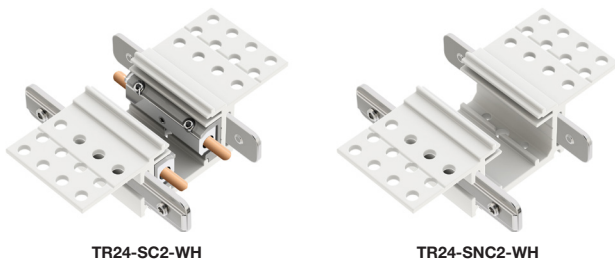
System	Connector Type	Color
TR24	**SC2**	**WH**
TR24 Track Recessed 24VDC	SC2 Seamless Connector, Conductive SNC2 Straight Connector, Non-Conductive	WH White

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L-CONNECTOR (ORDER SEPARATELY)
The Soft Strip L-Connector physically and electrically join two Soft Strip sections and 90° on a horizontal plane (includes one male joiner). Order Separately.

0.75"
(1.9cm)

0.392"
(1cm)

0.75"
(1.9cm)
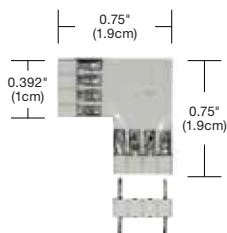
Product	Type
SS	**CL10M**
SS Soft Strip	CL10M L-Connector 10MM Soft Strip

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COMPONENTS (Cont'd)

2-CIRCUIT END POWER FEED FOR TRACK & LED SOFT STRIP
(INCLUDED WITH POWER FEED CONNECTORS)
Use for independent dimming and control of Track Heads and LED Soft Strip.

T24-EP-TR-2C
TRACK POWER

T24-EP-SS-2C
SOFT STRIP POWER

System		Power Feed		Connector Type		Circuit
T24	–	**EP**	–	**SS**	–	**2C**

T24 Track Recessed 24VDC | **EP** End Power Feed | **SS** Soft Strip Connector / **TR** Track Connector | **2C** 2-Circuit
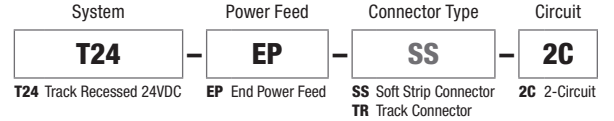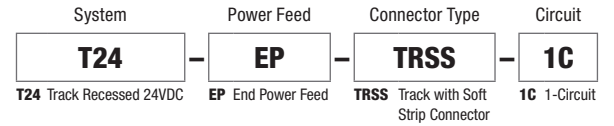
SINGLE CIRCUIT TRACK & SOFT STRIP END POWER FEED
(ORDER SEPARATELY)
Use for Track Heads and LED Soft Strip without independent dimming and controls.
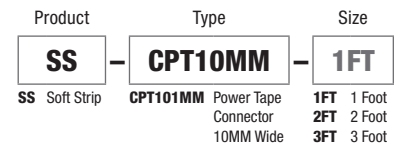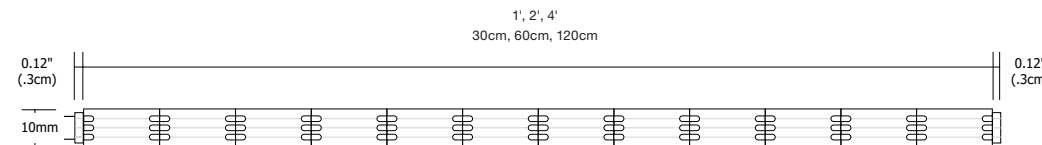
TRACK AND SOFT STRIP POWER

System		Power Feed		Connector Type		Circuit
T24	–	**EP**	–	**TRSS**	–	**1C**

T24 Track Recessed 24VDC | **EP** End Power Feed | **TRSS** Track with Soft Strip Connector | **1C** 1-Circuit

POWER TAPE CONNECTOR (ORDER SEPARATELY)
The Power Tape Connector has no LEDs and will Link two sections of soft strip together. Use OPAQUE Paintable SLOT COVER, (INCLUDED) to hide tape. Features a 3M adhesive back and links two sections of Soft Strip. No LEDs on this strip. Fold strip for exact length.
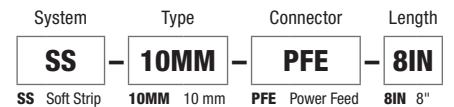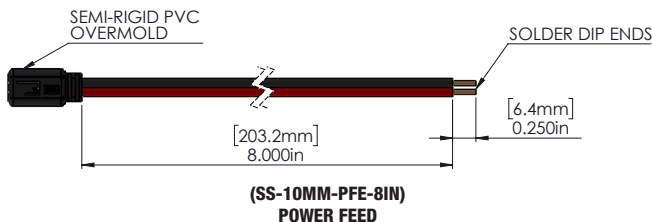
1FT, 2FT, 4FT

1', 2', 4'
30cm, 60cm, 120cm

0.12" (.3cm)   0.12" (.3cm)

10mm

Product		Type		Size
SS	–	**CPT10MM**	–	**1FT**

SS Soft Strip | **CPT101MM** Power Tape Connector 10MM Wide | **1FT** 1 Foot / **2FT** 2 Foot / **3FT** 3 Foot

3 POSITION POWER FEED CONNECTOR (INCLUDED WITH POWER FEED CONNECTORS)
SS-10MM-PFE-8IN

SEMI-RIGID PVC OVERMOLD

SOLDER DIP ENDS

[6.4mm] 0.250in

[203.2mm] 8.000in

(SS-10MM-PFE-8IN)
POWER FEED

System		Type		Connector		Length
SS	–	**10MM**	–	**PFE**	–	**8IN**

SS Soft Strip | **10MM** 10 mm | **PFE** Power Feed | **8IN** 8"

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STOMP STRIP FOR TRUTRACK®
24VDC, STATIC WHITE AND WARM DIM

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 02.01.21

PURE EDGE LIGHTING
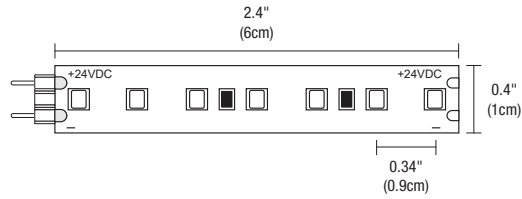
CAN'T STOMP ME OUT
Our Low Voltage BIY (Build-It-Yourself) Stomp Strip is value engineered and highly durable, designed to withstand the harsh elements of a job site, including stomping and twisting. Stomp Strip is used for TruTrack® Systems.

FEATURES & BENEFITS
- 2 Pin Connectors and Pre-soldered leads reduce time and labor during installation
- Value Engineered: Developed to meet popular demand for cost effective illumination without sacrificing output, color rendering and efficacy
- Tolerance: Created to resist damage in rigorous environments such as busy commercial jobsites
- Compact LED spacing: Produce 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
- Applications: Indoor, damp and dry locations
- Warranty: Includes a 5-year pro-rated warranty

SPECIFICATIONS
- 24VDC, 120-277VAC Input
- 2.5, 4.4 or 7.5 watts per foot
- Sold in 1 foot increments
- Field-cuttable in 2.4" increments for Static White, 3" for Warm Dim
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

LAMP
- 7 Static White Color Temperatures **22K-57K**
- Warm Dim: **27D** and **30D** dim down to 1900K, resembling incandescent light sources
- Average life: 50,000 hours

REMOTE POWER SUPPLIES*, DIMMING & CONTROLS (SOLD SEPARATELY)
- 0-10 Volt **(0-10)** Dimming
- Lutron Hi-Lume®

*In-Wall Mounting Kits available for select Power Supplies
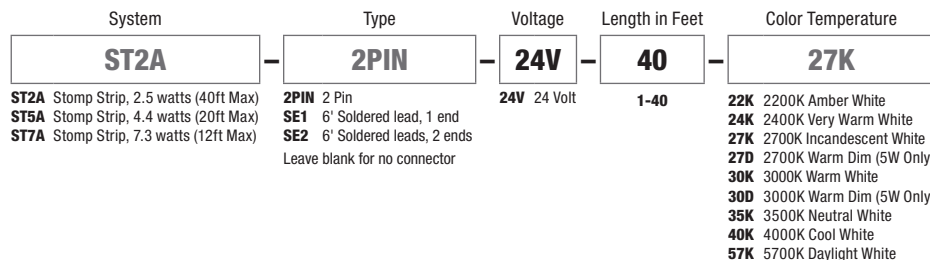
MAXIMUM LENGTHS BEFORE RE-FEEDING
- 2WDC, 2.5 watts per foot - 40' (Static White Only)
- 5WDC, 4.4 watts per foot - 20'
- 7WDC, 7.3 watts per foot - 12' (Excludes Warm Dim)

COMPATIBLE FIXTURES & SYSTEMS
- Pipeline® Track with up light Trutrack®
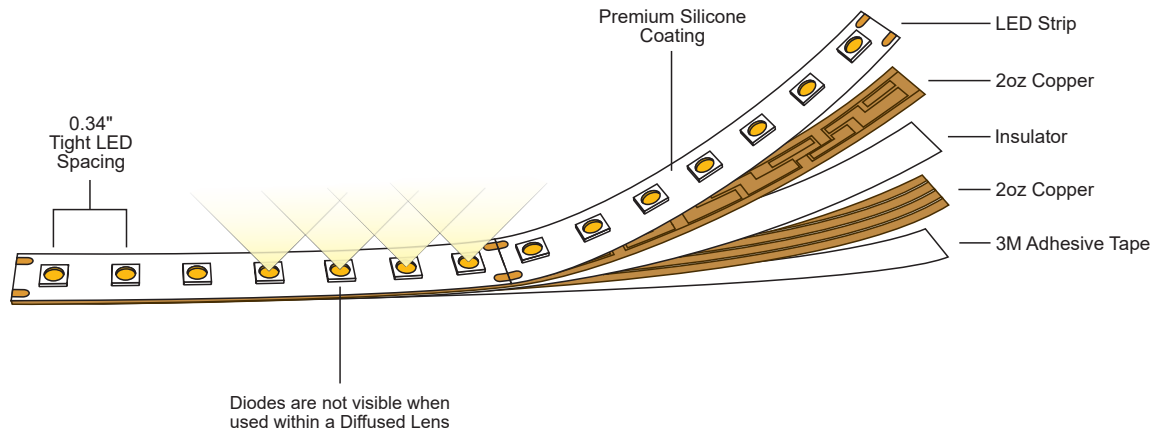- 5/8" Drywall Systems: Truline, TruQuad, Reveal and Verge

	ST2A							ST5A									ST7A						
WATTS PER FOOT	2.5W							4.4W									7.3W						
COLOR TEMPERATURE	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	205	226	249	272	312	340	361	357	393	434	553	474	563	544	592	629	581	641	707	773	887	965	1025
LUMENS PER WATT (lm/w)	82	90	100	109	125	136	144	81	89	99	115	108	117	124	135	143	80	88	97	106	121	132	140
CRI	92+	92+	92+	92+	92+	92+	92+	92+	92+	92+	94+	92+	94+	92+	92+	92+	92+	92+	92+	92+	92+	92+	92+

*27D, 30D - Warm Dim (4.8 Watts)

System	Type	Voltage	Length in Feet	Color Temperature
ST2A	**2PIN**	**24V**	**40**	**27K**

System
ST2A Stomp Strip, 2.5 watts (40ft Max)
ST5A Stomp Strip, 4.4 watts (20ft Max)
ST7A Stomp Strip, 7.3 watts (12ft Max)

Type
2PIN 2 Pin
SE1 6' Soldered lead, 1 end
SE2 6' Soldered leads, 2 ends
Leave blank for no connector

Voltage
24V 24 Volt

Length in Feet
1-40

Color Temperature
22K 2200K Amber White
24K 2400K Very Warm White
27K 2700K Incandescent White
27D 2700K Warm Dim (5W Only)
30K 3000K Warm White
30D 3000K Warm Dim (5W Only)
35K 3500K Neutral White
40K 4000K Cool White
57K 5700K Daylight White

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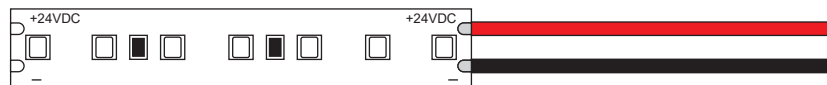
7

APPROVALS: Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed. Complies with Title 24 JA8 high efficiency light source requirements with 0-10V, Universal and Lutron Hi-Lume power supplies
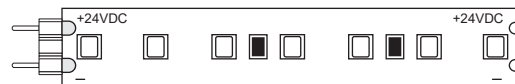

Premium Silicone Coating

LED Strip

2oz Copper

Insulator

2oz Copper

3M Adhesive Tape

0.34"
Tight LED Spacing

Diodes are not visible when used within a Diffused Lens

6' Soldered lead, 2 ends

6' Soldered lead, 1 end

2 Pin Connector

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T24 TRACK HEADS
24VDC WITH INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY

PURE EDGE LIGHTING

REV 02.01.21

PureEdge T24 Track Heads are Compatible with TruTrack Recessed Track (TR24-1C, TR24-2C) Pipeline Systems including Modular Suspension, Pipeline Track Suspension with Up Light and Pipeline Stem Mount Wall/Display (P1SDM, PT, PSTU2CR, PSTU2CR) and Surface Mount track (TS24-1C)

TUBO 24VDC TRACK HEAD
ALL UNIFORM BEAM SPREAD OPTIONS CAN BE CHANGED IN THE FIELD. ADDITIONAL REFLECTORS AND ACCESSORIES AVAILABLE.

TUBO LARGE	TUBO LARGE DOWNLIGHT	TUBO SMALL	TUBO SMALL DOWNLIGHT

System	Fixture	Beam Spread Lens	Color Temperature	Finish	System	Fixture	Beam Spread Lens	Color Temperature	Finish
T24	**TUBL**	**FL**	**30K**	**WH**	**T24**	**TUBS**	**SP**	**30K**	**WH**

Left group (Tubo Large):
- **T24** 24V Track System
- **TUBL** Tubo Large / **TUBLD** Tubo Large Downlight
- Beam Spread Lens: **SP** Spot 15° / **NF** Narrow Flood 25° / **FL** Flood 40° / **WF** Wide Flood 60°
- Color Temperature: **24K** 2400K Very Warm White / **27K** 2700K Incandescent White / **30D** 3000D Warm Dim / **30K** 3000K Warm White / **35K** 3500K Neutral White
- Finish: **BK** Black Powder Coat / **WH** White Powder Coat

Right group (Tubo Small):
- **T24** 24V Track System
- **TUBS** Tubo Small / **TUBSD** Tubo Small Downlight
- Beam Spread Lens: **SP** Spot 20° / **NF** Narrow Flood 25° / **FL** Flood 40° / **WF** Wide Flood 60°
- Color Temperature: **24K** 2400K Very Warm White / **27K** 2700K Incandescent White / **30D** 3000D Warm Dim / **30K** 3000K Warm White / **35K** 3500K Neutral White
- Finish: **BK** Black Powder Coat / **WH** White Powder Coat

Dimensions:
- Tubo Large: 3" (7.6cm), 7.6" (19.3cm), 4.92" (15.5cm), 2.34" (5.9cm)
- Tubo Large Downlight: 3" (7.6cm), 5.6" (14.2cm), 4.92" (12.5cm), 2.34" (5.9cm)
- Tubo Small: 3" (7.6cm), 6.28" (16cm), 3.94" (10cm), 1.61" (4.1cm)
- Tubo Small Downlight: 3" (7.6cm), 4.62" (11.7cm), 3.94" (10cm), 1.61" (4.1cm)

BEAM ANGLE REFERENCE 40°

COLOR TEMPERATURE	24K	27K	30K	30D	35K	COLOR TEMPERATURE	24K	27K	30K	30D	35K
TOTAL LUMENS	1324.5	1180.9	1317	1037	1356.8	TOTAL LUMENS	523	427	494	428	485
WATTS	14.37	14.36	14	14.45	14.43	WATTS	8.33	8.34	8.6	6.52	8.79
LUMENS PER WATT (lm/w)	92	82.2	90.8	71.8	94	LUMENS PER WATT (lm/w)	63	51.2	55.5	65.7	55.2
CRI	82.4	97.3	92	98.2	97.5	CRI	92.7	96.5	92.8	96.4	98
TM-30 DATA	R9: 60 Rf: 91 Rg: 99.6	R9: 97 Rf: 93.3 Rg: 98.8	R9: 57 Rf: 91 Rg: 98	R9: 90 Rf: 94.5 Rg: 100.3	R9: 92 Rf: 93.9 Rg: 100.9	TM-30 DATA	R9: 61 Rf: 91.3 Rg: 98.9	R9: 95 Rf: 93.2 Rg: 99.3	R9: 65 Rf: 90.7 Rg: 99.9	R9: 83 Rf: 93.1 Rg: 100.5	R9: 99 Rf: 93.3 Rg: 99.5

LAMP LIFE	60,000 Hours, 70% Lumen Maintenance
FINISHES	Black Powder Coat (**BK**) & White Powder Coat (**WH**)
MATERIAL	Extruded Aluminum
INPUT VOLTAGE	24VDC
FREQUENCY	50/60HZ
POWER FACTOR	> 0.90
APPLICATION	Suitable for damp or dry locations. Indoor use only.
DIMMING & FLICKER	0-10V dimming Flicker less than 2%
COMPLIANCE LABEL	ETL to UL 2108 Standard
LED LAMP LIFE	60,000 Hours

For more detailed information, please view individual product specifications at www.PureEdgeLighting.com

PROJECT	FIXTURE TYPE	DATE

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For custom design and layout assistance, send drawings to **design@PureEdgeLighting.com**

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T24 TRACK HEADS
24VDC WITH INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY

PURE EDGE LIGHTING

REV 02.01.21

RADIANT 24VDC TRACK HEAD
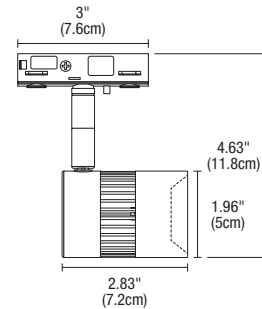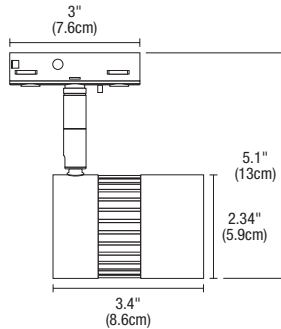### ALL UNIFORM BEAM SPREAD OPTIONS CAN BE CHANGED IN THE FIELD. ADDITIONAL REFLECTORS AND ACCESSORIES AVAILABLE.

RADIANT LARGE	RADIANT MEDIUM

RADIANT LARGE

System	Fixture	Beam Spread Lens	Color Temperature	Finish
T24	**RADL**	**NF**	**30K**	**WH**

- **T24** 24V Track System
- **RADL** Radiant Large
- **SP** Spot 15°
- **NF** Narrow Flood 25°
- **FL** Flood 40°
- **WF** Wide Flood 60°
- **24K** 2400K Very Warm White
- **27K** 2700K Incandescent White
- **30D** 3000D Warm Dim
- **30K** 3000K Warm White
- **35K** 3500K Neutral White
- **BK** Black Powder Coat
- **WH** White Powder Coat

RADIANT MEDIUM

System	Fixture	Beam Spread Lens	Color Temperature	Finish
T24	**RADM**	**FL**	**30K**	**WH**

- **T24** 24V Track System
- **RADM** Radiant Medium
- **SP** Spot 20°
- **FL** Flood 40°
- **WF** Wide Flood 60°
- **24K** 2400K Very Warm White
- **27K** 2700K Incandescent White
- **30D** 3000D Warm Dim
- **30K** 3000K Warm White
- **35K** 3500K Neutral White
- **BK** Black Powder Coat
- **WH** White Powder Coat

RADIANT LARGE dimensions: 3" (7.6cm), 5.1" (13cm), 2.34" (5.9cm), 3.4" (8.6cm)

RADIANT MEDIUM dimensions: 3" (7.6cm), 4.63" (11.8cm), 1.96" (5cm), 2.83" (7.2cm)

BEAM ANGLE REFERENCE 40°

COLOR TEMPERATURE	24K	27K	30K	30D	35K	COLOR TEMPERATURE	24K	27K	30K	30D	35K
TOTAL LUMENS	1209	1106	1128	787	1235	TOTAL LUMENS	867	808	675	628	900
WATTS	14.3	14.2	15	16.3	14.36	WATTS	10.6	10.6	9	11	10.75
LUMENS PER WATT (lm/w)	84.5	77.7	75	48	86	LUMENS PER WATT (lm/w)	81	75	75	57	83
CRI	92	97	82	97.6	97	CRI	92.6	96.9	92	98	97.1
TM-30 DATA	R9: 60 Rf: 91 Rg: 99	R9: 98 Rf: 93 Rg: 98.8	R9: 9 Rf: 82 Rg: 96.9	R9: 88.4 Rf: 945 Rg: 102.5	R9: 91 Rf: 93.9 Rg: 101	TM-30 DATA	R9: 60 Rf: 91.3 Rg: 99.1	R9: 97 Rf: 93.1 Rg: 99	R9: 92 Rf: 90.8 Rg: 99	R9: 88.7 Rf: 90.8 Rg: 100	R9: 90 Rf: 93.6 Rg: 100.9

LAMP LIFE	60,000 Hours, 70% Lumen Maintenance
MATERIAL	Billet Aluminum
INPUT VOLTAGE	24VDC
FREQUENCY	50/60HZ
POWER FACTOR	> 0.90
APPLICATION	Suitable for damp or dry locations. Indoor use only.
DIMMING & FLICKER	0-10V dimming Flicker less than 2%
COMPLIANCE LABEL	ETL to UL 2108 Standard
LED LAMP LIFE	60,000 Hours

For more detailed information, please view individual product specifications at www.PureEdgeLighting.com

PROJECT		FIXTURE TYPE		DATE	

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T24 TRACK HEADS
24VDC WITH INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY

ADDITIONAL REFLECTORS FOR TRACK HEADS

PRODUCT	RADIANT LARGE	RADIANT MEDIUM	TUBO LARGE	TUBO SMALL
ORDERING CODE	REF-1.75-(SP, NF, FL, WF)	REF-1.375-(SP, FL, WF)	REF-1.75-(SP, NF, FL, WF)	REF-1.375-(SP, FL, WF)
REFLECTOR SIZE	1.75" Diameter	1.375" Diameter	1.75" Diameter	1.375" Diameter
BEAM SPREADS	SP (15°), NF (25°), FL (40°), WF (60°)	SP (20°), FL (40°), WF (60°)	SP (15°), NF (25°), FL (40°), WF (60°)	SP (20°), FL (40°), WF (60°)

FILM LENS SOFT MEDIUM, WIDE FOCUS

INCLUDED WITH EACH TRACK HEAD, DIFFUSES A BEAM PATTERN TO PROVIDE EVEN ILLUMINATION

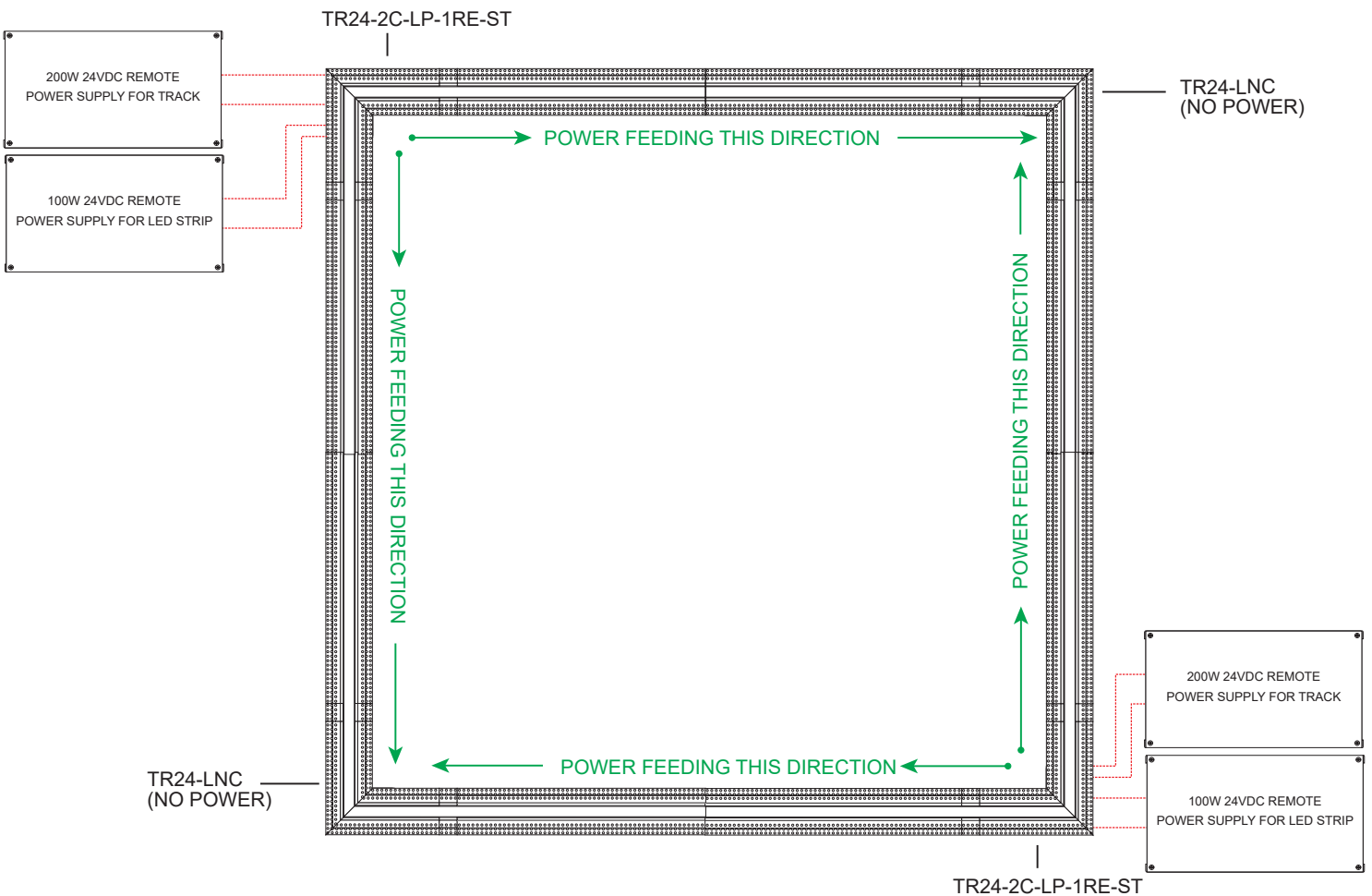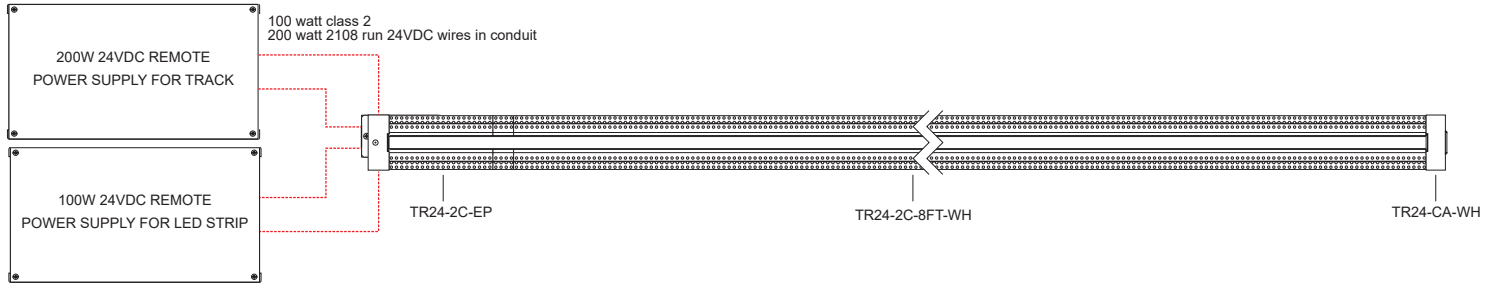| PRODUCT	RADIANT LARGE	RADIANT MEDIUM	TUBO LARGE	TUBO SMALL
ORDERING CODE	LF-RADL-SF, MF, WF	LF-RADM-SF, MF, WF	LF-TUBL-SF, MF, WF	LF-TUBS-SF, MF, WF

LINEAR SPREAD FILM LENS

LINEAR SPREAD LENS DIRECTS THE 10, 15, 25 DEGREE BEAM INTO AN ELONGATED SHAPE. THIS IS TYPICALLY USED IN LONG RECTANGLE PAINTINGS AND ART WORK, 35, 40, 60 DEGREE ELONGATED OVAL SHAPE USED IN ART WORK AND WALL WASH

PRODUCT	RADIANT LARGE	RADIANT MEDIUM	TUBO LARGE	TUBO SMALL
ORDERING CODE	LF-RADL-LS	LF-RADM-LS	LF-TUBL-LS	LF-TUBS-LS

PROJECT		FIXTURE TYPE		DATE	

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DIAGRAMS

200W 24VDC REMOTE
POWER SUPPLY FOR TRACK

100 watt class 2
200 watt 2108 run 24VDC wires in conduit

100W 24VDC REMOTE
POWER SUPPLY FOR LED STRIP

TR24-2C-EP

TR24-2C-8FT-WH

TR24-CA-WH

TR24-2C-LP-1RE-ST

200W 24VDC REMOTE
POWER SUPPLY FOR TRACK

100W 24VDC REMOTE
POWER SUPPLY FOR LED STRIP

TR24-LNC
(NO POWER)

POWER FEEDING THIS DIRECTION

POWER FEEDING THIS DIRECTION

POWER FEEDING THIS DIRECTION

POWER FEEDING THIS DIRECTION

TR24-LNC
(NO POWER)

200W 24VDC REMOTE
POWER SUPPLY FOR TRACK

100W 24VDC REMOTE
POWER SUPPLY FOR LED STRIP

TR24-2C-LP-1RE-ST

| PROJECT | | FIXTURE TYPE | | DATE | |

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INDOOR CONSTANT VOLTAGE 0-10V REMOTE POWER SUPPLIES

24VDC 0-10V REMOTE POWER SUPPLY, STATIC & DYNAMIC TUNABLE WHITE DUAL CONTROL

PURE EDGE
L I G H T I N G

REV 02.01.21

	0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS†			
ORDERING CODE	PSB-25W-010-24VDC	PSB-60W-010-24VDC	PSB-96W-010-24VDC	PSB-200W-010-24VDC
	SPECIFICATIONS			
MAXIMUM LOAD	25W	60W	96W	200W
INPUT VOLTAGE	120VAC	120-277VAC	120-277VAC	12-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.4" X 3.12" X 2.18"	12.4" X 3.12" X 2.18"	12.4" X 3.12" X 2.18"	12.15" X 6.5" X 2.18"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	2108
IN-WALL MOUNTING	PSB-25W-010-24VDC-IW	PSB-60W-010-24VDC-IW	PSB-96W-010-24VDC-IW	PSB-200W-010-24VDC-IW
	0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS†			
ORDERING CODE	PSB-2X96W-010-24VDC	PSB-2X200W-010-24VDC	PSB-3X96W-010-24VDC	PSB-4X96W-010-24VDC
	SPECIFICATIONS			
MAXIMUM LOAD	2X96W	2X200W	3X96W	4X96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.15" X 6.48" X 2.18"	14" X 10" X 2.8"	14" X 10" X 3"	17" X 13" X 3"
CLASSIFICATION	CLASS 2	2108	CLASS 2	CLASS 2
IN-WALL MOUNTING	PSB-2X96W-010-24VDC-IW	PSB-200W-010-24VDC-IW	N/A	N/A
	DIMMING & CONTROLS			
PHILIPS SUNRISE: SR1200ZTUNV	•	•	•	•
LUTRON DIVA: DVTV-WH, DVSTV-WH	•	•	•	•
LUTRON NOVA T: NTSTV-DV-XX	•	•	•	•
LUTRON GRAFIX EYE QS: QSGRJ-XP	•	•	•	•
LUTRON RADIO RA2: RRD-10ND	•	•	•	•
LEVITON: LEV40050	•	•	•	•
LEVITON IP710-LFZ	•	•	•	•
LEGRAND: ADPD4FBL3P2W4	•	•	•	•

5.1 x 14.25 inch In-Wall Mounting Kit: Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

Ordering Codes: PSB-25W-010-24VDC-IW, PSB-60W-010-24VDC-IW PSB-96W-010-24VDC-IW

5.1" (13cm)
14.25" (36.2cm)
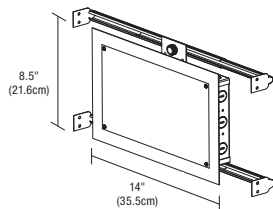
8.5 x 14 inch In-Wall Mounting Kit: Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

Ordering Codes: PSB-2X96W-010-24VDC-IW, PSB-200W-010-24VDC-W

8.5" (21.6cm)
14" (35.5cm)

PROJECT		FIXTURE TYPE		DATE	

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TUBO LARGE Photometric Data

D - Distance from TUBO LARGE fixture
FC - Initial foot candles at the center of beam
DIA - Diameter

SPOT BEAM ANGLE 15º

D'	FC	DIA.
1'	2000+	3
2'	730	6
3'	343	9
4'	196	13
5'	127	16
6'	89	19
7'	66	22
8'	51	25

DIA.

NARROW FLOOD BEAM ANGLE 25º

D'	FC	DIA.
1'	2000+	5
2'	570	11
3'	258	16
4'	146	21
5'	93	27
6'	65	32
7'	45	37
8'	36	43

DIA.

FLOOD BEAM ANGLE 40º

D'	FC	DIA.
1'	1440	8
2'	382	17
3'	172	25
4'	97	33
5'	63	41
6'	44	50
7'	32	58
8'	23	66

DIA.

WIDE FLOOD BEAM ANGLE 60º

D'	FC	DIA.
1'	913	14
2'	249	28
3'	113	42
4'	65	55
5'	41	69
6'	30	83
7'	21	97
8'	19	111

DIA.

TUBO SMALL Photometric Data

D - Distance from TUBO SMALL fixture (FT)
FC - Initial foot candles at the center of beam
DIA - Diameter (IN)

SPOT BEAM ANGLE 20º

D'	FC	DIA.
1'	3888	4
2'	972	9
3'	432	13
4'	243	17
5'	156	21
6'	108	25
7'	79	30
8'	61	34

DIA.

NARROW FLOOD BEAM ANGLE 25º

D'	FC	DIA.
1'	2080	5
2'	520	11
3'	231	16
4'	130	21
5'	83	27
6'	58	32
7'	42	37
8'	33	43

DIA.

FLOOD BEAM ANGLE 40º

D'	FC	DIA.
1'	912	9
2'	228	18
3'	101	26
4'	57	35
5'	36	44
6'	25	52
7'	19	61
8'	14	70

DIA.

WIDE FLOOD BEAM ANGLE 60º

D'	FC	DIA.
1'	272	14
2'	68	28
3'	30	42
4'	17	55
5'	11	69
6'	8	83
7'	6	97
8'	4	111

DIA.

PROJECT		FIXTURE TYPE		DATE	

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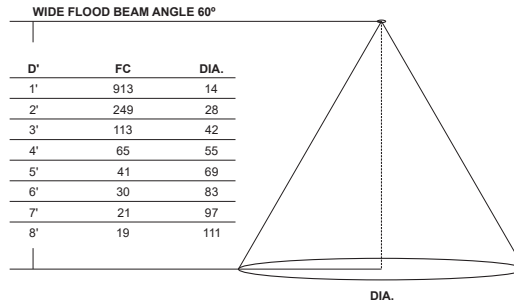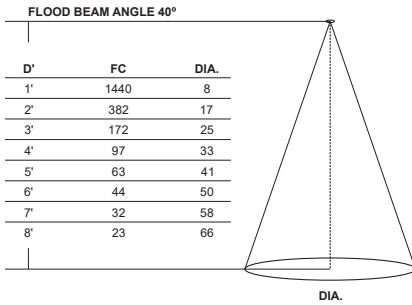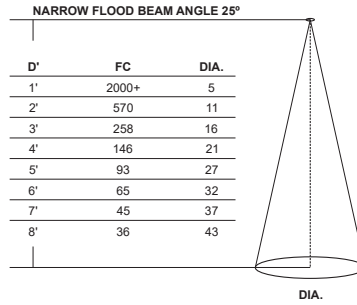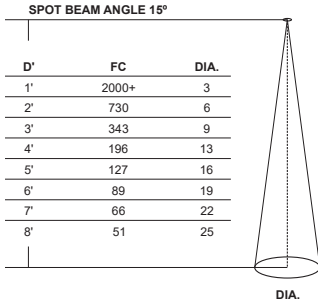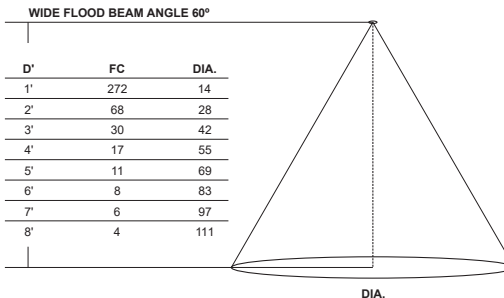For custom design and layout assistance, send drawings to **design@PureEdgeLighting.com**

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T24 TRACK HEADS
24VDC WITH INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY
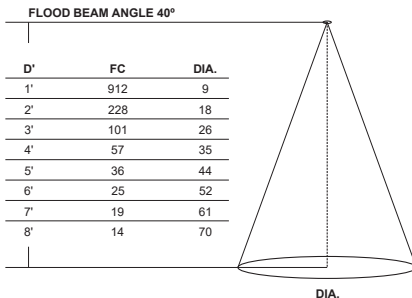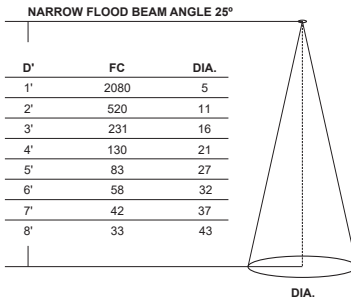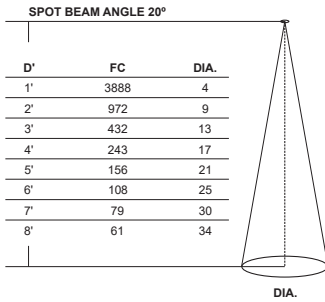
PURE EDGE
LIGHTING

RADIANT LARGE Photometric Data

D - Distance from RADIANT LARGE fixture
FC - Initial foot candles at the center of beam
DIA - Diameter

SPOT BEAM ANGLE 15º

D'	FC	DIA.
1'	2632	3
2'	658	6
3'	304	9
4'	176	13
5'	113	16
6'	80	19
7'	55	22
8'	44	25

NARROW FLOOD BEAM ANGLE 25º

D'	FC	DIA.
1'	1890	5
2'	494	11
3'	222	16
4'	124	21
5'	80	27
6'	55	32
7'	39	37
8'	30	43

FLOOD BEAM ANGLE 40º

D'	FC	DIA.
1'	1272	8
2'	326	17
3'	145	25
4'	82	33
5'	53	41
6'	37	50
7'	27	58
8'	20	66

WIDE FLOOD BEAM ANGLE 60º

D'	FC	DIA.
1'	783	14
2'	203	28
3'	91	42
4'	52	55
5'	34	69
6'	24	83
7'	17	97
8'	11	111

RADIANT MEDIUM Photometric Data

D - Distance from RADIANT MEDIUM fixture
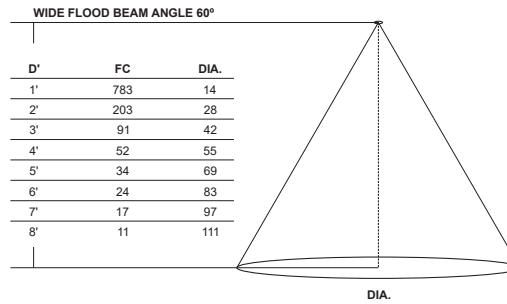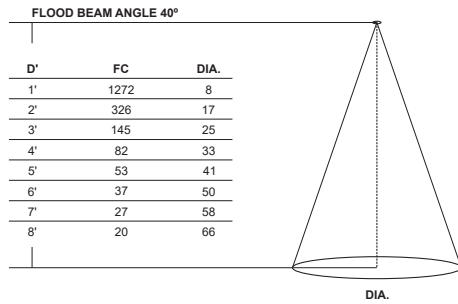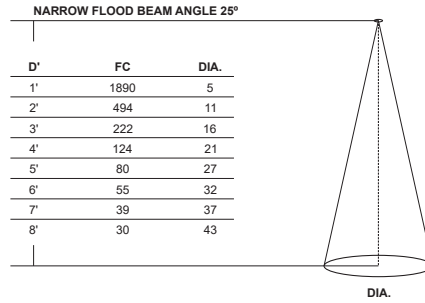**FC** - Initial foot candles at the center of beam
DIA - Diameter

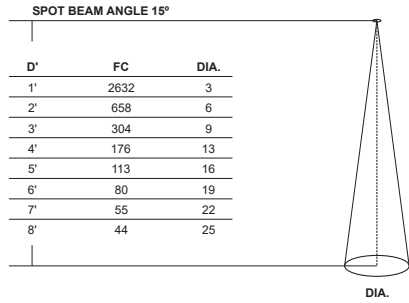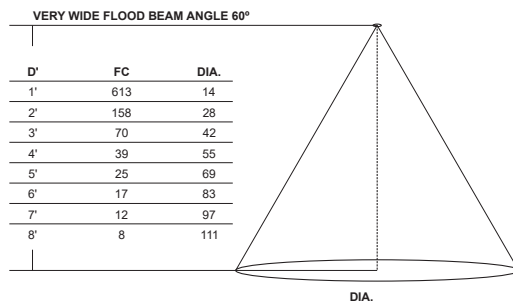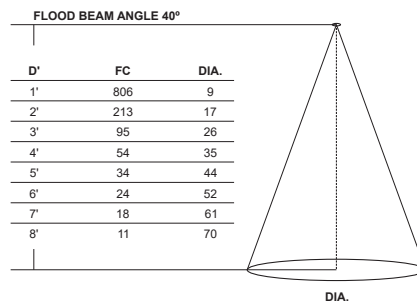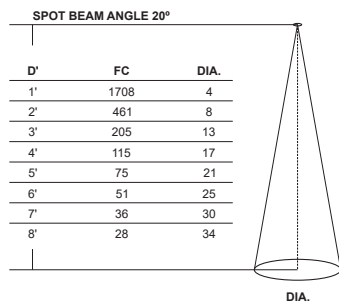### SPOT BEAM ANGLE 20º

D'	FC	DIA.
1'	1708	4
2'	461	8
3'	205	13
4'	115	17
5'	75	21
6'	51	25
7'	36	30
8'	28	34

FLOOD BEAM ANGLE 40º

D'	FC	DIA.
1'	806	9
2'	213	17
3'	95	26
4'	54	35
5'	34	44
6'	24	52
7'	18	61
8'	11	70

VERY WIDE FLOOD BEAM ANGLE 60º

D'	FC	DIA.
1'	613	14
2'	158	28
3'	70	42
4'	39	55
5'	25	69
6'	17	83
7'	12	97
8'	8	111

PROJECT		FIXTURE TYPE		DATE	

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

PURE EDGE
LIGHTING

TM-30-15 DATA: The data below is for ST2A, ST5A, ST7A and ST10A bare LED Soft 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.

2200K | Rf: 90.5 | Rg: 99.9
Color Vector Graphic
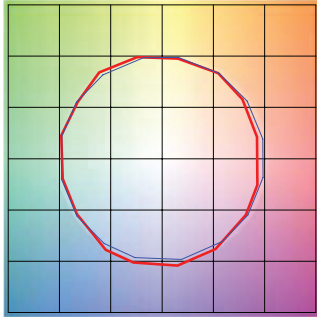
HUE BIN	Rf	GRAPHIC SHIFTS % CHROMA	HUE
1	88.3	-5.2%	1.0%
2	90.1	-3.6%	3.7%
3	87.5	-0.5%	5.6%
4	93.9	-1.2%	1.3%
5	94.7	0.7%	2.1%
6	93.7	2.6%	0.7%
7	93.5	-1.5%	-2.2%
8	97.8	-0.4%	-0.2%
9	93.7	-1.5%	2.4%
10	90.8	-0.8%	4.9%
11	89.3	3.7%	5.4%
12	90.2	4.6%	1.0%
13	89.0	4.4%	-9.7%
14	75.4	0.6%	-15.1%
15	90.7	-1.7%	-5.0%
16	84.2	-4.4%	-9.1%

Test   Reference

2400K | Rf: 90.2 | Rg: 99.3
Color Vector Graphic
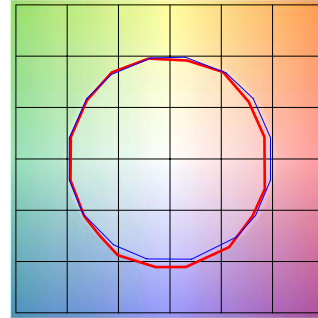
HUE BIN	Rf	GRAPHIC SHIFTS % CHROMA	HUE
1	89.0	-4.8%	1.1%
2	90.4	-3.7%	3.2%
3	88.1	-0.7%	5.2%
4	93.0	-2.1%	0.9%
5	94.5	-0.1%	2.0%
6	94.7	1.7%	0.6%
7	93.7	-1.9%	-1.5%
8	96.8	-1.2%	0.2%
9	91.9	-1.8%	3.7%
10	88.8	-0.9%	6.1%
11	87.5	3.8%	7.1%
12	89.6	4.3%	0.3%
13	88.1	4.2%	-9.1%
14	82.5	2.8%	-10.6%
15	91.4	-2.1%	-4.2%
16	84.0	-3.6%	-9.9%

Test   Reference

2700K | Rf: 89.5 | Rg: 98.3
Color Vector Graphic
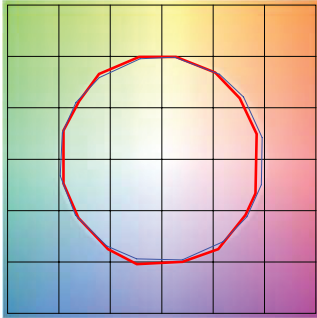
HUE BIN	Rf	GRAPHIC SHIFTS % CHROMA	HUE
1	88.6	-5.2%	0.9%
2	90.3	-3.6%	2.9%
3	88.4	-1.5%	5.0%
4	91.9	-2.5%	1.4%
5	93.5	-0.9%	2.3%
6	95.7	0.9%	-0.4%
7	91.1	-3.7%	-0.5%
8	95.8	-2.0%	0.4%
9	90.5	-2.6%	4.5%
10	84.9	-1.1%	8.7%
11	85.0	2.3%	9.8%
12	88.1	5.5%	1.5%
13	90.9	2.9%	-5.2%
14	86.2	4.3%	-8.9%
15	90.7	-2.4%	-3.6%
16	83.0	-2.7%	-11.3%

Test   Reference

3000K | Rf: 88.7 | Rg: 98.2
Color Vector Graphic
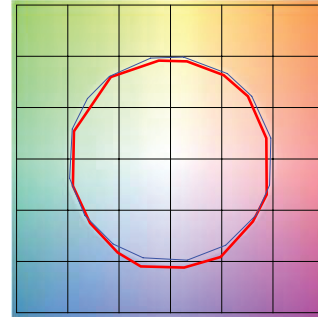
HUE BIN	Rf	GRAPHIC SHIFTS % CHROMA	HUE
1	88.3	-5.2%	0.8%
2	90.2	-3.7%	2.7%
3	88.3	-1.6%	4.9%
4	92.2	-2.0%	1.8%
5	91.0	-3.5%	1.8%
6	95.8	0.4%	-0.4%
7	90.2	-4.4%	-0.0%
8	94.8	-2.6%	0.8%
9	89.2	-2.9%	6.0%
10	81.4	-1.5%	9.7%
11	82.9	2.3%	10.5%
12	88.3	6.7%	1.9%
13	91.9	2.8%	-4.0%
14	86.3	4.9%	-8.3%
15	87.1	-1.2%	-6.1%
16	83.2	-1.7%	-11.6%

Test   Reference

3500K | Rf: 88.1 | Rg: 97.1
Color Vector Graphic
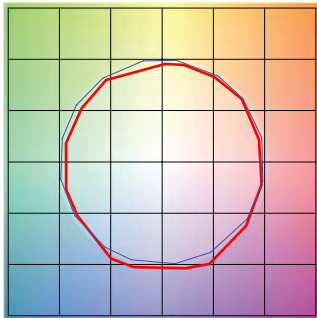
HUE BIN	Rf	GRAPHIC SHIFTS % CHROMA	HUE
1	87.8	-5.2%	1.0%
2	90.8	-3.3%	2.3%
3	89.8	-1.6%	3.9%
4	91.0	-2.7%	0.9%
5	90.0	-5.4%	0.7%
6	95.6	-0.9%	-0.4%
7	90.0	-5.3%	1.4%
8	91.8	-3.6%	3.0%
9	87.1	-2.9%	7.3%
10	80.1	-1.3%	12.2%
11	81.8	4.1%	10.5%
12	88.2	5.1%	2.3%
13	92.4	2.1%	-3.8%
14	86.6	5.0%	-7.9%
15	86.2	-0.7%	-6.8%
16	84.5	-2.1%	-7.0%

Test   Reference

5700K | Rf: 87.6 | Rg: 98.0
Color Vector Graphic
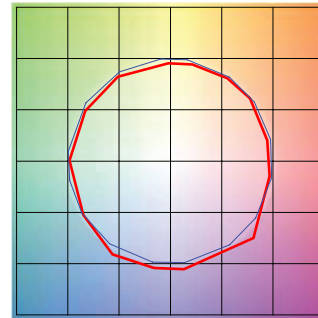
HUE BIN	Rf	GRAPHIC SHIFTS % CHROMA	HUE
1	87.9	-3.9%	1.5%
2	92.3	-1.7%	2.7%
3	91.0	-1.2%	2.4%
4	91.5	-1.2%	1.6%
5	86.2	-5.9%	-0.4%
6	93.5	-3.2%	-0.2%
7	93.1	-3.8%	0.6%
8	85.9	-4.6%	5.9%
9	83.6	-4.0%	12.7%
10	75.8	-0.6%	13.6%
11	80.2	4.3%	10.4%
12	83.4	3.4%	1.8%
13	90.8	5.0%	-2.0%
14	91.8	1.3%	-3.3%
15	79.4	8.6%	-12.7%
16	93.4	-2.7%	-0.2%

Test   Reference

PROJECT		FIXTURE TYPE		DATE

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

TM-30-15 DATA: The data below is for ST2A, ST5A, ST7A and ST10A bare LED Soft 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.

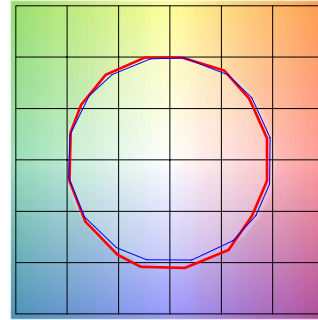### 2700D | Rf: 90.7 | Rg: 101.1
Color Vector Graphic
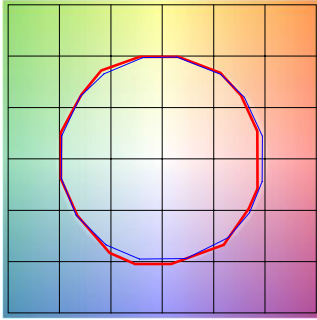
Test   Reference

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%

2000K ONLY (2K4K) | Rf: 90.6 | Rg: 98.5
Color Vector Graphic
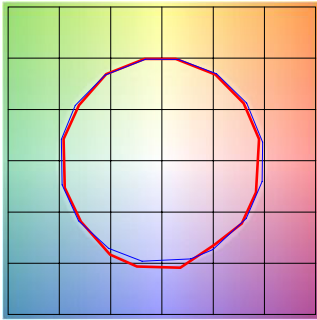
Test   Reference

HUE BIN	Rf	GRAPHIC SHIFTS % CHROMA	HUE
1	87.7	-5.5%	1.2%
2	88.7	-3.9%	4.2%
3	90.5	-1.5%	4.3%
4	95.0	-1.7%	0.8%
5	95.2	-0.2%	2.1%
6	94.2	1.6%	1.9%
7	95.9	-0.8%	-2.2%
8	95.5	-1.7%	1.3%
9	93.8	-1.4	2.6%
10	91.9	-0.7%	4.2%
11	91.3	3.6%	3.7%
12	91.2	4.2%	-1.0%
13	86.6	3.8%	-12.7%
14	67.2	-3.0%	-16.3%
15	84.9	-3.3%	-9.4%
16	84.2	-5.7%	-7.5%

3000K (2K4K) | Rf: 90.5 | Rg: 100.7
Color Vector Graphic
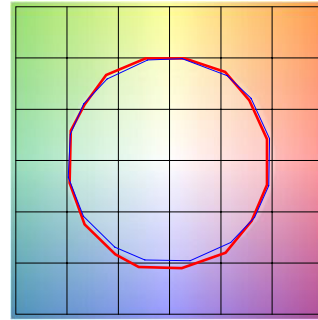
Test   Reference

HUE BIN	Rf	GRAPHIC SHIFTS % CHROMA	HUE
1	91.5	-3.5%	1.2%
2	92.4	-1.8%	2.7%
3	89.8	0.3%	4.5%
4	92.4	-1.7%	0.4%
5	93.3	-0.1%	1.4%
6	94.5	2.1%	-0.6%
7	91.0	-2.5%	0.3%
8	96.9	-0.8%	-0.2%
9	91.6	-0.9%	4.6%
10	86.7	0.7%	7.8%
11	86.3	3.8%	8.5%
12	88.3	6.1%	0.6%
13	90.9	3.1%	-5.2%
14	87.3	4.7%	-7.9%
15	92.1	-1.9%	-2.5%
16	84.5	-0.9%	-10.9%

4000K ONLY (2K4K) | Rf: 86.4 | Rg: 96.1
Color Vector Graphic
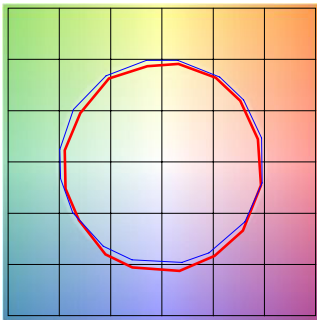
Test   Reference

HUE BIN	Rf	GRAPHIC SHIFTS % CHROMA	HUE
1	86.5	-5.5%	1.3%
2	90.4	-3.0%	2.3%
3	89.8	-2.1%	3.6%
4	89.1	-3.4%	0.4%
5	88.5	-5.9%	0.1%
6	93.6	-3.0%	-0.4%
7	88.9	-6.2%	1.7%
8	87.3	-5.0%	4.9%
9	82.4	-3.6%	11.3%
10	77.4	-1.8%	12.7%
11	79.8	4.9%	11.4%
12	88.7	4.4%	2.7%
13	88.7	4.0%	-5.1%
14	91.2	2.2%	-3.8%
15	82.7	-0.1%	-9.2%
16	82.8	-2.2%	-7.6%

PROJECT		FIXTURE TYPE		DATE	

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