LAZER STRIP COB™ STATIC WHITE

3W & 5W, 24VDC

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

REV 12.22.25

24KZ - 2400K Amber White

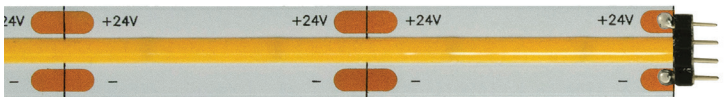
27KZ - 2700K Very Warm White

30KZ - 3000K Warm White

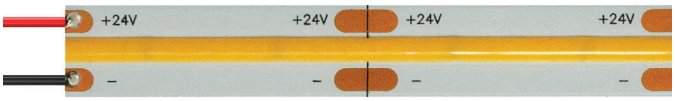
30DZ - 3000K Warm Dim

35KZ - 3500K Neutral White

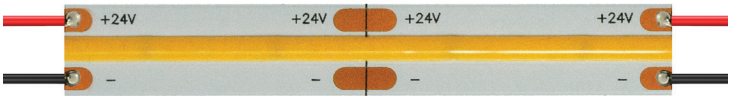
40KZ - 4000K Neutral White



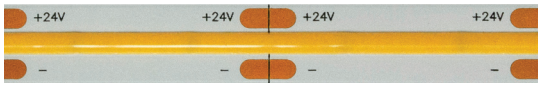
Pin Connector

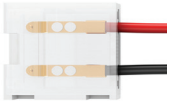


6' Soldered Lead, 1 End



6' Soldered Leads, 2 Ends





Snap and Light

FEATURES & BENEFITS

- 148 LEDs per foot provide uniform light distribution without pixelation
- Offered with Snap & Light, Pin Connectors or, Pre-soldered leads reducing time and labor during installation
- Gold Plated Contacts prevent oxidation to ensure longevity of LED
- 4 oz of copper with 12 mm wide board provides better heat dissipation and less voltage drop
- 24VDC LED Lazer Strip COB (Chip on Board)
- Up to 94+ CRI
- Solid State Power Supply offers 85-90% efficiency compared to magnetic at 80%
- Includes a 5-year pro-rated warranty

SPECIFICATIONS

- 24VDC LED Lazer Strip with 120° beam angle
- Power: 3.3 or 4.4 watts per foot
- May be field-cut in 1.5" increments
- Sold in 1' 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 including ceiling, walls, cabinets and drawers
- Additional Pin Connectors, Mounting Straps, and Clips may be needed for some applications (sold separately)

APPLICATIONS

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

LAMP

- Static White Color Temperatures: 2400K, 2700K, 3000K, 3500K, 4000K
- Warm Dim Temperatures: 3000K dims down to 2000K
- Average life is 50,000 hours

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

24VDC, Class 2 wiring

Static White

- Pure Smart™ WiZ Pro Power Supplies & Smart Controls
- UNI Driver: Universal Dimming (**ELV**, **TRIAC**, **0-10V**)
- ELV & TRIAC Smart Dimmer & Switch

Warm Dim

- UNI Driver: Universal Dimming (TRIAC, ELV, 0-10V)
- Make It Smart: Pure Smart™ Wi-Fi Dimmer

Tunable White

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

RGBTW

- Home Integration Solutions
- Pure Smart™ WiZ Pro Power Supplies & Smart Controls

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

ACCESSORIES (SOLD SEPARATELY)

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

APPROVALS/COMPLIANCE

ETL, Class 2, Damp Rated, RoHS

System	Type	Voltage	Length In Feet	Color Temperature
LS3 –	PIN –	24V –	30 –	24KZ

LS3 Lazer Strip Commercial, 3.3 watts per foot
LS5 Lazer Strip Commercial, 4.4 watts per foot

PIN Pin Connector
SE1 6' Soldered Lead, 1 End
SE2 6' Soldered Leads, 2 Ends
Leave blank for Snap and Light

24V 24 Volt

1-30 1-30 feet (LS3)
1-20 1-20 feet (LS5)

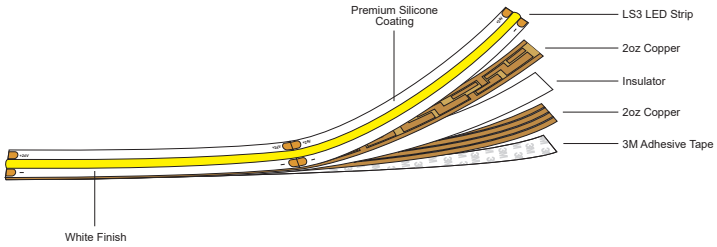
24KZ 2400K Amber White
27KZ 2700K Very Warm White
30KZ 3000K Warm White
30DZ 3000K Warm Dim
35KZ 3500K Neutral White
40KZ 4000K Cool White

PROJECT		FIXTURE TYPE		DATE	

LAZER STRIP COB™ STATIC WHITE

3W & 5W, 24VDC

REV 12.22.25



LAMP DATA

	STATIC WHITE & WARM DIM LS3 & LS5 LAZER STRIP										
WATTS PER FOOT	LS3 (3.3 watts)					LS5 (4.4 watts)					
COLOR TEMPERATURE	24K	27K	30K	30D	35K	24K	27K	30K	30D	35K	40K
LUMENS PER FOOT (lm/ft)	253	269	361	261	363	318	338	454	349	456	492
LUMENS PER WATT (lm/w)	77	82	109	68	110	72	77	103	64	104	112
CRI	90+	95+	95+	95+	95+	90+	95+	95+	95+	95+	95+

POWER CONSUMPTION PER LINEAR FOOT

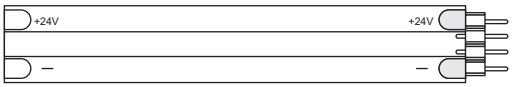
LS3 24VDC LAZER STRIP (3.3 WATTS PER FOOT)
MAXIMUM LENGTH BEFORE REFEEDING: 30FT

LENGTH IN FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
TOTAL WATTAGE	3.3	6.6	10	13.2	15	16.5	19.8	16.5	23.1	26.4	29.7	33	36.3	39.6	42.9	46.2	49.5	52.8	56.1	59.4	62.7	66	69.3	72.6	75.9	79.2	82.5	85.8	89.1	92.4

LS5 STATIC WHITE 24VDC LAZER STRIP (4.4 WATTS PER FOOT)
MAXIMUM LENGTH BEFORE REFEEDING: 20FT

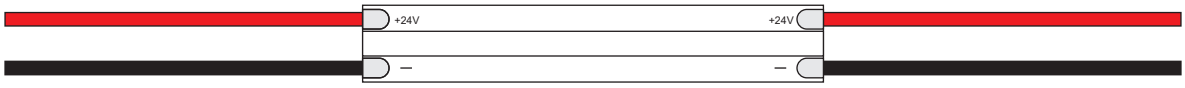
LENGTH IN FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
TOTAL WATTAGE	5	10	15	20	24	29	34	39	44	48	53	58	63	68	72	77	82	87	92	96

Pin Connector

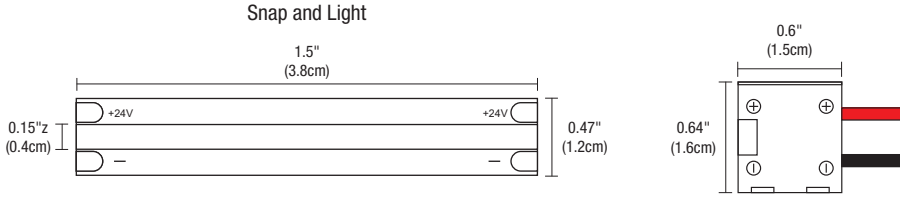


6' Soldered lead, 1 end SE1

6' Soldered lead, 2 ends SE2



Snap and Light



PROJECT		FIXTURE TYPE		DATE	

LAZER STRIP ACCESSORIES

REV 12.22.25

POWER FEED CONNECTOR

Female power feed connector cord conducts power from the power supply to the male end of the Lazer strip.

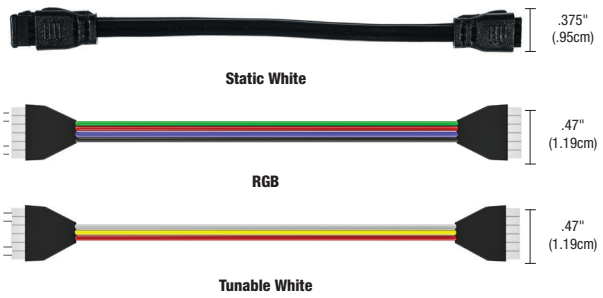
System	Type	Size	Color Temperature
LS	PFE	12FT	

LS Lazer Strip

PFE Power Feed Connector Cord

6FT 6 Feet
8FT 8 Feet
12FT 12 Feet

RGB Red, Green, & Blue
TW Tunable White
Leave Blank for Static White and Monochromatic Color



FLEXIBLE CONNECTOR

Flexible connectors link two sections of Lazer Strip end to end.

System	Product	Type	Size	Color Temperature
LS	CFX	CON	12IN	

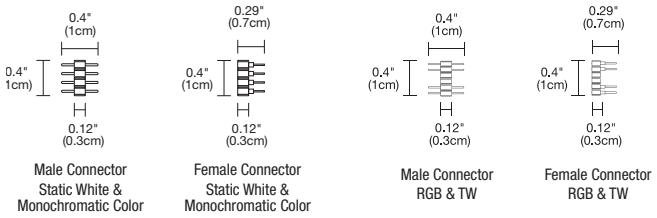
LS Lazer Strip

CFX Flexible Connector

CON Connector

12IN 12 inches
72IN 72 inches

RGB Red, Green, & Blue
TW Tunable White
Leave Blank for Static White and Monochromatic Color



PIN CONNECTORS

Extra soldering pin connectors. Male and female.

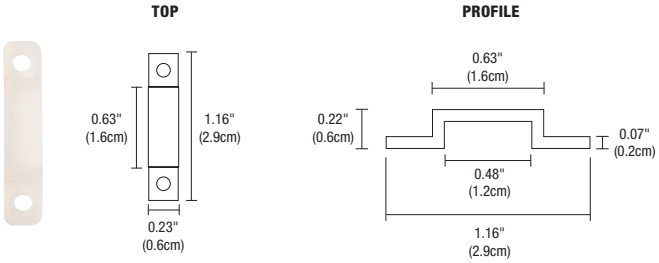
System	Product	Type	Color Temperature
LS	ML	CON	

LS Lazer Strip

FE Female Connector
ML Male Connector

CON Connector

RGB Red, Green & Blue
(Tunable White compatible)
Leave Blank for Static White and Monochromatic Color



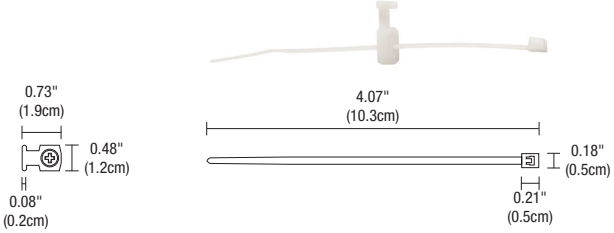
LAZER STRIP U-STRAP

Use every 6 - 12 inches for extra support (30/package).

Product	Type
SS	SU

SS Strip Strap

SU U-Strap



LAZER STRIP TIE STRAP

Use every 6 - 12 inches for extra support (30/package).

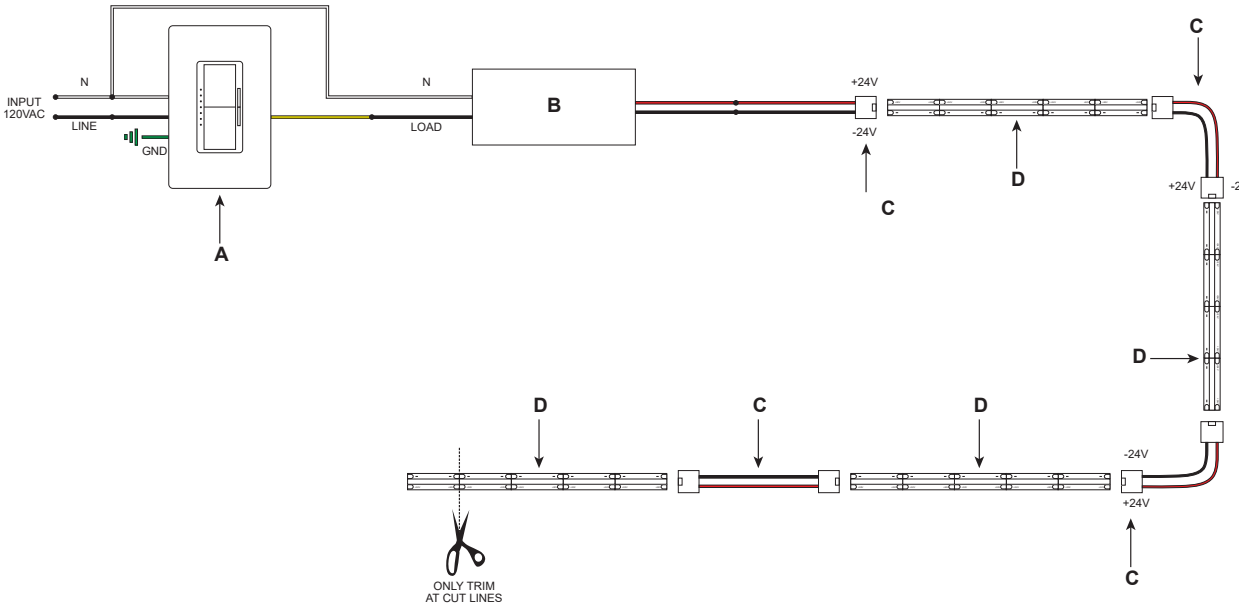
Product	Type
SS	ST

SS Strip Strap

ST Tie Strap

PROJECT		FIXTURE TYPE		DATE	

INDOOR ELECTRONIC LOW VOLTAGE DIMMING (ELV) SAMPLE WIRING DIAGRAM: The example below is using a PureEdge Class 2, 24VDC Universal Power Supply



A. ELV Dimmer

B. Universal Power Supply

C. 24VDC Solderless Snap & Light Power/Jumper Connector

D. 24VDC LED Strip

E. Solderless Snap & Light L-Connector

F. Solderless Snap & Light Straight Joiner

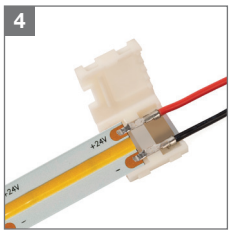
PROJECT		FIXTURE TYPE		DATE	

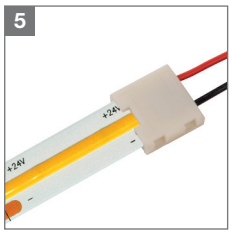
LAZER STRIP ACCESSORIES FOR STATIC WHITE & MONOCHROMATIC COLOR

SNAP & LIGHT SOLDERLESS CONNECTORS

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

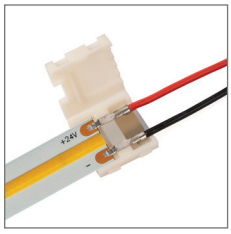
REV 12.22.25

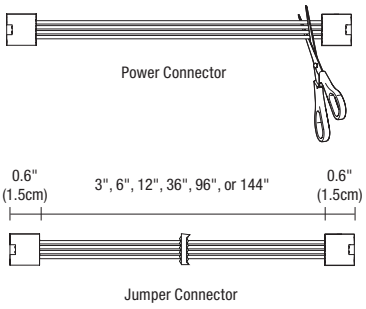




USING THE SNAP & LIGHT SOLDERLESS CONNECTORS:
Cutting and reconnecting our Lazer Strip is easy. All you need is a pair of scissors or any sharp device that will allow you to make a clean cut.

1. Cut the middle of joining contacts
2. Remove the protective coating from the contacts
3. Place the Lazer Strip end under the plastic guide and push it under the snap contacts
4. Close the cover
5. Snap the cover to secure in place





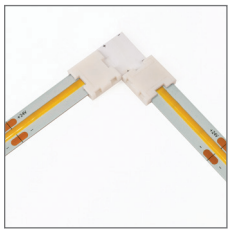
24VDC SOLDERLESS SNAP & LIGHT POWER/JUMPER CONNECTOR
Join 2 cut sections of LED Lazer Strip end to end. Power connector is required. Use as a jumper connector is optional. To use as a power connector cut and strip the wires.

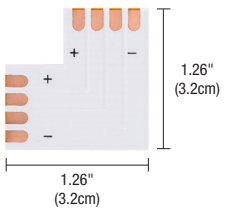
Product		Type		Size
LCLS	-	SLC	-	12IN

LCLS Lazer Strip

SLC Snap & Light Jumper or Power Connectors

3IN	3 inches	**36IN**	36 inches
6IN	6 inches	**96IN**	96 inches
12IN	12 inches	**144IN**	144 inches



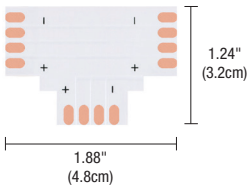


SOLDERLESS SNAP & LIGHT L-CONNECTOR
Join and conduct power to 2 sections of LED Lazer Strip in an L-shape.

Product		Type
LS	-	SLL

LS Lazer Strip

SLL Snap & Light L-Connector

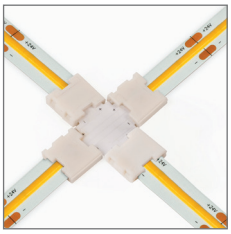


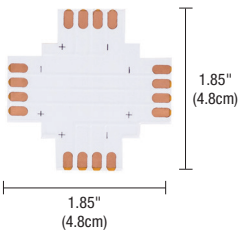
SOLDERLESS SNAP & LIGHT T-CONNECTOR
Join and conduct power to 3 sections of LED Lazer Strip in a T-shape.

Product		Type
LS	-	SLT

LS Lazer Strip

SLT Snap & Light T-Connector





SOLDERLESS SNAP & LIGHT X-CONNECTOR
Join and conduct power to 4 sections of LED Lazer Strip in an X-shape.

Product		Type
LS	-	SLX

LS Lazer Strip

SLX Snap & Light X-Connector

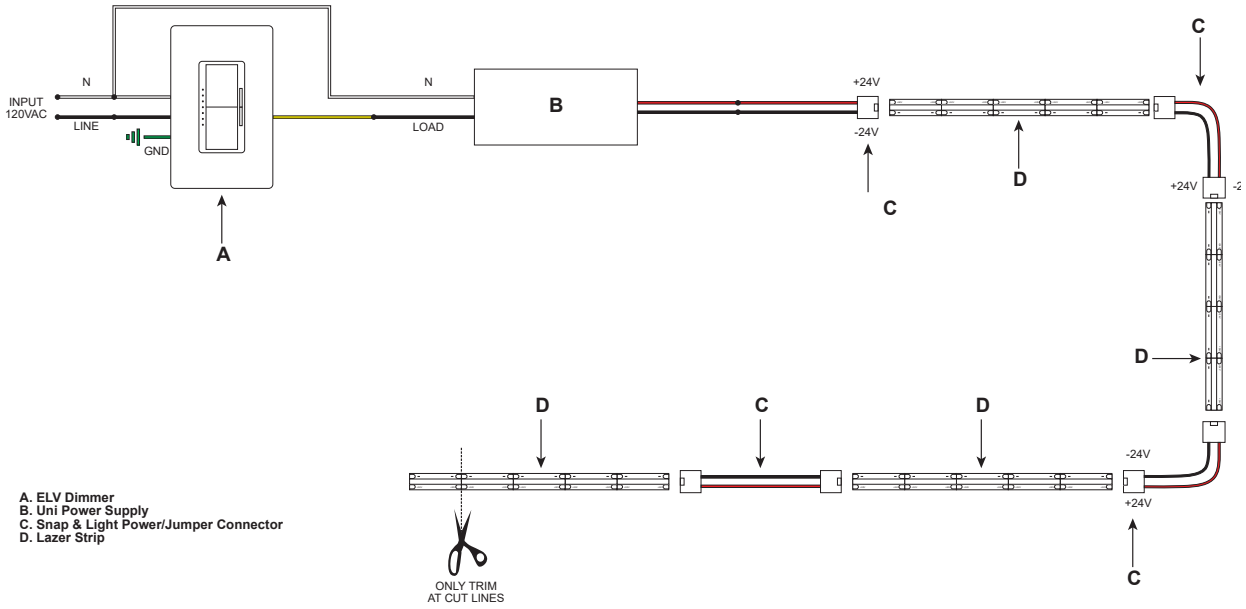
PROJECT		FIXTURE TYPE		DATE	

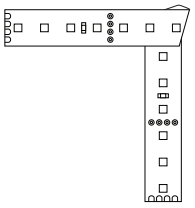
LAZER STRIP ACCESSORIES FOR STATIC WHITE & MONOCHROMATIC COLOR

SNAP & LIGHT SOLDERLESS CONNECTORS

REV 12.22.25

INDOOR ELECTRONIC LOW VOLTAGE DIMMING (ELV) SAMPLE WIRING DIAGRAM: The example below is using a PureEdge Class 2, 24VDC Universal Power Supply





Strip does **NOT** bend 90°

A. ELV Dimmer

B. Universal Power Supply

C. 24VDC Solderless Snap & Light Power/Jumper Connector

D. 24VDC LED Strip

E. Solderless Snap & Light L-Connector

F. Solderless Snap & Light Straight Joiner

PROJECT		FIXTURE TYPE		DATE	

TM30 DATA

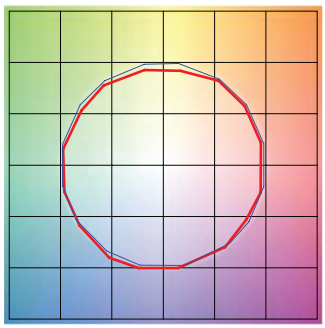
3W & 5W, 24VDC

REV 12.22.25

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

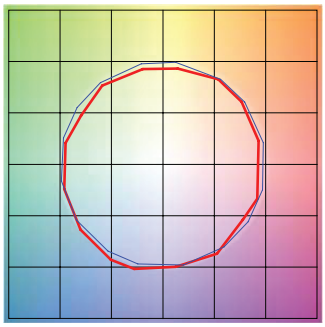
Color Vector Graphic



		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%

2700K | Rf: 87.7 | Rg: 96.1

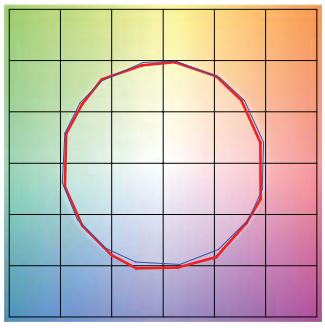
Color Vector Graphic



		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%

3000K | Rf: 88.1 | Rg: 99.7

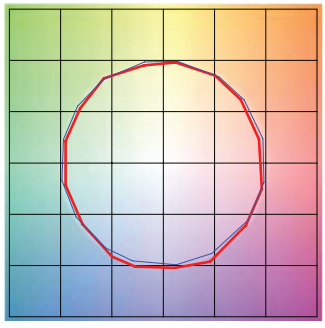
Color Vector Graphic



		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%

3500K | Rf: 86.1 | Rg: 95.5

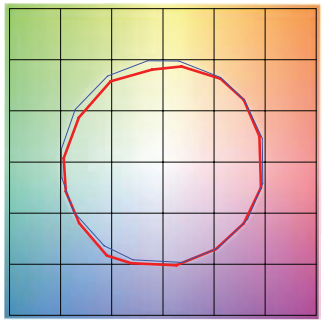
Color Vector Graphic



		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%

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%

PROJECT		FIXTURE TYPE		DATE	

TM30 DATA

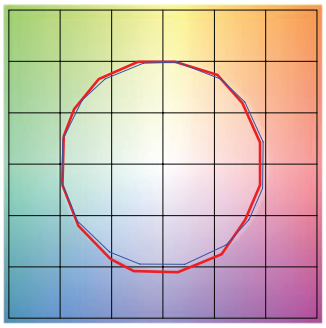
3W & 5W, 24VDC

REV 12.22.25

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.

3000D | Rf: 90.6 | Rg: 101.1

Color Vector Graphic



Test Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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	