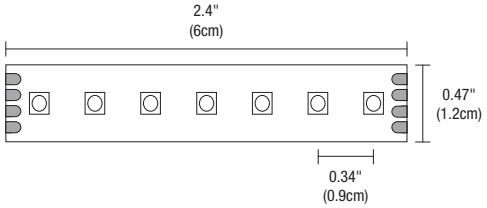
PURE MODULAR COMMERCIAL SOFT STRIP

24VDC, HIGH OUTPUT, STATIC WHITE, WARM DIM, RGB, RGB+W & DYNAMIC TUNABLE WHITE

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 12.04.20



Our Premium BIY (Build-It-Yourself) Commercial Grade Pure Modular Soft Strip provides exceptional light output, clarity, and distribution.

FEATURES & BENEFITS

- High Output and Efficiency: Up to 171 lumens per watt
- Designer Grade Color Rendering up to 95+ CRI
- Gold Plated Contacts: Prevent oxidation ensuring longevity of the LEDs
- 35 LEDs per foot: Tight spacing of LEDs produce uniform light distribution without visible diodes or pixelation 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
- 7 LEDs per 2.4" Increment: 88% efficiency compared to 6 at only 75%
- Solid State Power Supply: Offers 90% efficiency compared to magnetic power supplies at 80%
- The composition of 7 LEDs and Solid State Power increases the efficiency up to 22%
- 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, 6.3, 7.5 and 9.6 watts
- Sold in 1 foot long increments
- Field-cuttable in 2.4" increments for Static White and RGB, 3" increments for Warm Dim, Tunable White and RGBW
- 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, similar to halogen and incandescent light sources
- Dynamic/Tunable White: **2K4K** and **27K6** allow for independent control of color temperatures and Brightness
- RGB & RGB+W **(2000K)**
- Designer Grade High CRI 95+ LEDs
- 120 degree beam angle
- Average life: 50,000 hours

MAXIMUM LENGTHS BEFORE RE-FEEDING

- 2WDC - 40' (Static White Only)
- 5WDC - 20' (Excludes RGB+W)
- 6WDC - 15' (RGB+W Only)
- 7WDC - 12' (Static and Tunable White Only)
- 10WDC - 10' (Static and Tunable White Only)

COMPATIBLE FIXTURES & SYSTEMS

All PureEdge Lighting BIY channels 5/8" Drywall Systems: Truline, Truquad, Reveal and Verge

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

- Uni Driver: Universal dimming **(ELV, 0-10V, TRIAC)**
- Electronic Low Voltage Dimming **(ELV)**†
- 0-10 Volt **(0-10)** Dimming
- Dynamic Color Changing **(DMX)**
- Lutron Hi-Lume®

*In-Wall Mounting Kits available for select Power Supplies
†With N-Lite Dimming Do Not use ELV power supply's, use only 0-10 volt or Uni drivers power supplies

	PL2C							PL5C								PL7C							PL10C						
WATTS PER FOOT	2.5W							4.4W								7.3W							9.6W						
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	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	242	268	295	323	370	402	428	418	464	510	632	557	631	638	694	738	683	758	834	911	1043	1134	1207	885	983	1080	1180	1352	1470	1564
LUMENS PER WATT (lm/w)	97	107	118	129	148	161	171	95	105	115	132	126	132	145	157	167	94	104	114	125	143	155	165	92	102	112	123	140	153	163
CRI	85+	90+	95+	95+	85+	85+	85+	85+	90+	95+	92+	95+	92+	85+	85+	85+	85+	90+	95+	95+	85+	85+	85+	85+	90+	95+	95+	85+	85+	85+

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

	PL5C 2K4K							PL5C 27K6							PL10C 2K4K							PL10C 27K6						
WATTS PER FOOT	4.6W							4.6W							9.6W							9.6W						
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	27K	30K	35K	40K	45K	57K	65K	20K	22K	24K	27K	30K	35K	40K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	412	434	455	476	520	541	562	516	531	547	563	541	535	518	720	793	866	1011	1052	1076	957	981	1009	1039	1069	1028	1017	984
LUMENS PER WATT (lm/w)	103	94	99	104	113	118	141	130	133	133	131	132	134	132	90	94	98	105	114	117	120	123	110	113	116	112	111	123
CRI	83+	83+	92+	92+	92+	94+	94+	93+	93+	94+	94+	94+	93+	93+	83+	83+	92+	92+	92+	94+	94+	93+	93+	94+	94+	94+	93+	93+

System	Type	Voltage	Length in Feet	Color Temperature
PL2C	4PIN	24V	40	27K

PL2C Pure Modular Commercial, 2.5 Watts (40ft Max)
PL5C Pure Modular Commercial, 4.4 Watts (20ft Max)
PL6 Pure Modular Commercial, 6.3 Watts (15ft Max)
PL7C Pure Modular Commercial, 7.5 Watts (12ft Max)
PL10C Pure Modular Commercial, 9.6 watts (10ft Max)

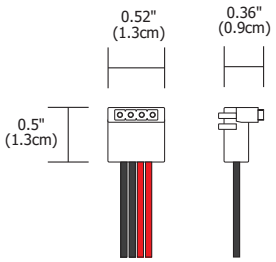
4PIN 4 Pin
SE1 6' Soldered lead, 1 end
SE2 6' Soldered leads, 2 ends
Leave blank for no connector

24V 24 Volt

1-40

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
RGB Red, Green and Blue (5W only)
RGBW Red, Green, Blue and White (6W only)
2K4K Tunable White 2000K-4000K (5W+10W Only)
27K6 Tunable White 2700K-6500K (5W+10W Only)

PROJECT		FIXTURE TYPE		DATE	



B90 POWER END FEED

24VDC, Class 2, 4Pin 14GA, 8", 90 Degrees.

Product	Type	Option
LC	PFE	B90
LC LED Connector	**PFE** Power Feed	**B90** Bends 90 Degrees

POWER FEED CONNECTOR CORD

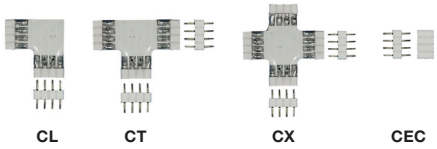
The 6 foot long power feed connector cord conducts power from the transformer to LED Strip. It connects to the male end of the Strip.

Product	Type	Size
SS	PFE	6FT
SS Soft Strip	**PFE** Power Feed Connector Cord	**6FT** **12FT**

FLEXIBLE CONNECTOR

Available in 3, 6, 12, 36, 96 and 144-inch lengths, link two sections of LED Strip end to end.

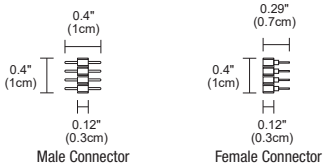
Product	Type	Length (Inches)	Option
SS	CFX	3IN	RGB
SS Stomp Strip	**CFX** Flexible Connector **CFXT** Flexible T Connector (3" Only)	**3IN** **6IN** **12IN** **36IN** **96IN** **144IN**	**RGB** Red, Green and Blue *Leave blank for all other color temperatures



CONNECTORS

L, T and X Connectors join LED Strip sections. End Cap Connector converts female end of Stomp Strip to male end or may be used as end cap.

Product	Type
SS	CL
SS Stomp Strip	**CL** L-Connector **CT** T-Connector **CX** X-Connector **CEC** End Cap Connector



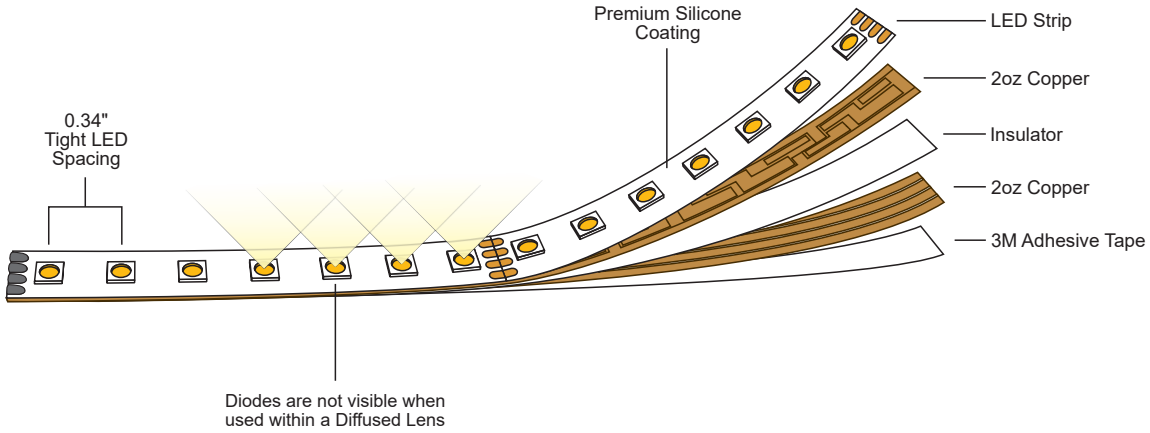
EXTRA PIN CONNECTORS

Extra soldering pin connectors. Male and female.

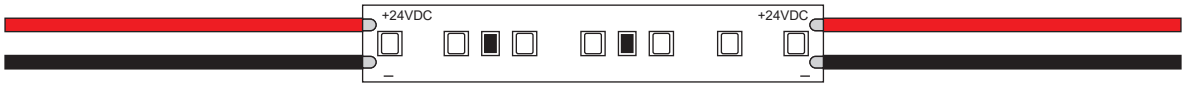
System	Voltage	Type
SS	ML	CON
SS Stomp Strip	**FE** Female Connector **ML** Male Connector	**CON** Connector White

PROJECT		FIXTURE TYPE		DATE	

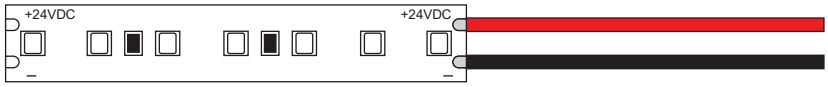
APPROVALS: Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed. Complies with Title 24 JA8 high efficiency light source requirements with 0-10V, Universal and Lutron Hi-Lume power supplies



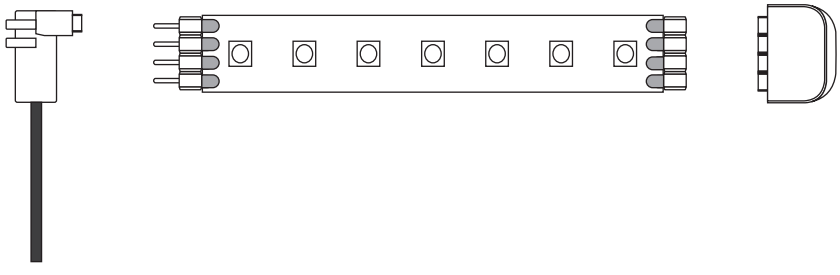
6' Soldered lead, 2 ends



6' Soldered lead, 1 end



4 Pin Connector



PROJECT		FIXTURE TYPE		DATE	

TM30 DATA

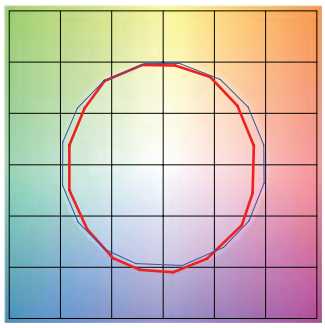
24VDC, HIGH OUTPUT, STATIC WHITE, WARM DIM, RGB, RGB+W & DYNAMIC TUNABLE WHITE

REV 12.04.20

TM-30-15 DATA: The data below is for PL2C, PL5C, PL7C and PL10C 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: 83.9 | Rg: 94.9

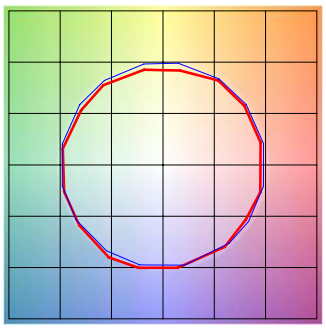
Color Vector Graphic



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	78.8	-9.5%	1.3%
2	80.7	-7.8%	6.7%
3	78.2	-3.3%	9.4%
4	89.7	-2.8%	3.6%
5	93.2	-0.8%	2.6%
6	93.0	-0.6%	-0.7%
7	87.7	-5.9%	-3.5%
8	89.2	-6.8%	1.9%
9	83.4	-5.6%	6.0%
10	79.3	-3.7%	10.8%
11	81.4	2.9%	11.1%
12	84.9	5.3%	4.9%
13	88.1	4.9%	-10.1%
14	68.1	0.1%	-19.5%
15	86.0	-3.3%	-7.3%
16	76.4	-8.9%	-11.7%

2400K | Rf: 84.5 | Rg: 94.4

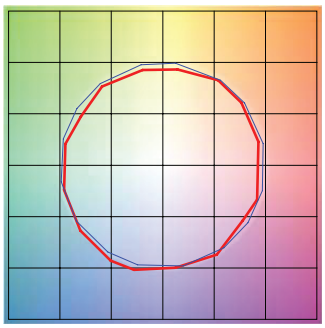
Color Vector Graphic



		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

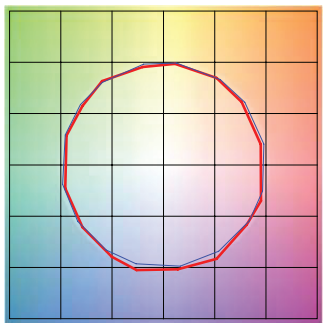
Color Vector Graphic



		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

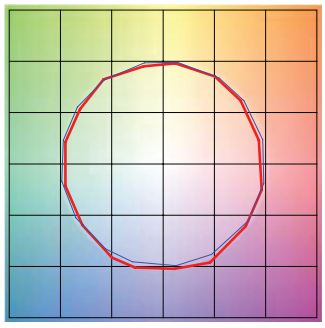
Color Vector Graphic



		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

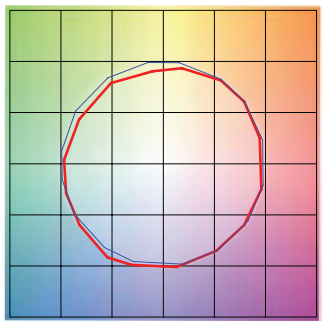
Color Vector Graphic



		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

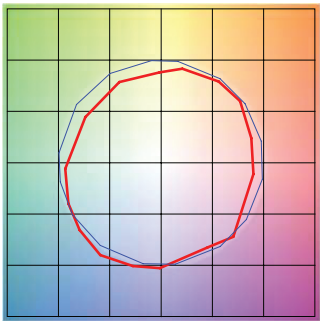
24VDC, HIGH OUTPUT, STATIC WHITE, WARM DIM, RGB, RGB+W & DYNAMIC TUNABLE WHITE

REV 12.04.20

TM-30-15 DATA: The data below is for PL2C, PL5C, PL7C and PL10C 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.

5700K | Rf: 80.3 | Rg: 91.5

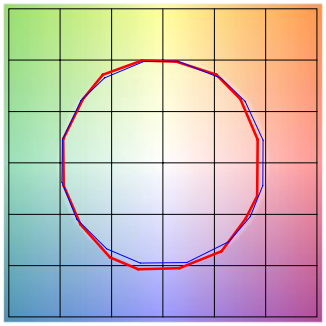
Color Vector Graphic



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	75.4	-8.9%	4.7%
2	87.5	-2.6%	4.6%
3	90.7	-3.0%	-0.5%
4	83.2	-6.0%	-5.7%
5	76.2	-12.9%	-5.3%
6	81.4	-11.9%	-2.6%
7	74.8	-14.0%	5.1%
8	69.0	-9.0%	14.1%
9	72.6	-3.6%	22.2%
10	71.4	2.7%	16.1%
11	81.3	7.9%	5.3%
12	83.6	4.1%	-9.4%
13	78.4	0.7%	-15.3%
14	77.7	-6.2%	-11.0%
15	68.8	-1.3%	-21.2%
16	80.8	-9.6%	3.3%

2700D | Rf: 89.5 | Rg: 100.8

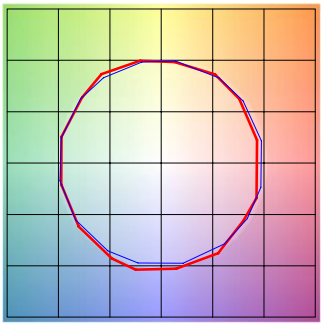
Color Vector Graphic



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	88.8	-5.1%	1.4%
2	89.8	-2.7%	4.1%
3	87.2	0.3%	5.9%
4	92.3	-0.9%	1.0%
5	93.3	1.5%	1.7%
6	92.4	3.6%	-0.2%
7	92.2	-0.9%	-2.4%
8	96.7	-0.4%	-1.1%
9	92.3	-1.2%	3.7%
10	88.9	-0.0%	6.1%
11	86.4	5.1%	7.4%
12	88.2	6.3%	-0.9%
13	87.2	3.8%	-8.1%
14	84.2	3.8%	-11.0%
15	89.8	-2.6%	-4.3%
16	82.7	-3.4%	-11.1%

3000D | Rf: 89.8 | Rg: 101.4

Color Vector Graphic



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	90.2	-4.2%	1.5%
2	90.9	-2.0%	3.7%
3	87.9	0.8%	5.5%
4	92.1	-0.9%	0.6%
5	93.0	1.5%	1.6%
6	92.2	3.9%	-0.2%
7	92.1	-0.3%	-2.0%
8	96.7	0.0%	-1.2%
9	92.5	-0.6%	3.7%
10	88.3	1.1%	7.0%
11	87.2	4.1%	7.4%
12	87.2	6.7%	-1.0%
13	88.2	3.8%	-7.2%
14	85.3	4.3%	-9.9%
15	90.9	-2.2%	-3.6%
16	83.4	-2.2%	-11.2%

PROJECT		FIXTURE TYPE		DATE	