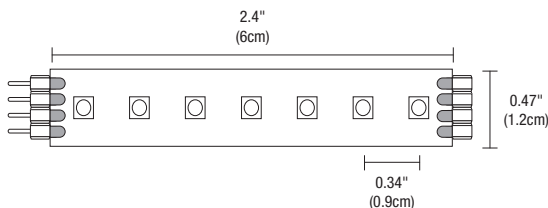


PURE MODULAR COMMERCIAL SOFT STRIP

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

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 08.09.21



*Available with pin connectors or soldered leads

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' long increments
- Field-cutable 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: **2K6K** and **27K6** allow for independent control of color temperatures and Brightness
- RGB & RGB+W (**2000K**)
- Designer Grade High CRI 95+ LEDs
- 120° beam angle
- Average life: 50,000 hours

MAXIMUM LENGTHS BEFORE RE-FEEDING

- 2WDC - 40'
- 5WDC - 20'
- 6WDC - 15'
- 7WDC - 12'
- 10WDC - 10'

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)	256	256	258	269	309	325	344	525	525	531	632	553	631	634	669	708	812	812	821	855	981	1035	1094	915	963	1014	1056	1212	1278	1352
LUMENS PER WATT (lm/w)	102	102	103	108	123	130	138	119	119	121	132	126	132	144	152	161	111	111	112	117	134	142	150	95	100	106	110	126	133	141
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)

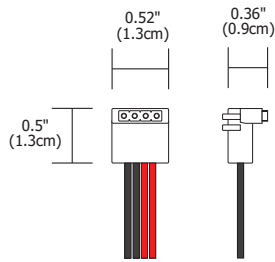
	PL10C 2K6K (2000K-6500K)									PL10C 27K6 (2700K-6500K)							
WATTS PER FOOT	9.2W									9.2W							
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K	
LUMENS PER FOOT (lm/ft)	984	1056	1056	1114	1075	1056	792	792	984	981	1009	1039	1069	1028	1017	984	
LUMENS PER WATT (lm/w)	123	110	110	116	112	110	110	110	123	123	110	113	116	112	111	123	
CRI	91+	91+	92+	94+	94+	94+	92+	91+	91+	94+	93+	93+	93+	93+	91+	91+	

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 5PIN 5 Pin (RGBW Only) SE1 6' Soldered lead, 1 end SE2 6' Soldered leads, 2 ends	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) 2K6K Tunable White 2000K-6500K (10W Only) 27K6 Tunable White 2700K-6500K (10W Only)

PROJECT	FIXTURE TYPE	DATE
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ADDITIONAL COMPONENTS

REV 08.09.21



B90 POWER END FEED

24VDC, Class 2, 4Pin 14GA, 8", 90°.

Product	Type	Option	Option
LC	PFE	B90	RGBW
LC LED Connector	PFE Power Feed	B90 Bends 90°	RGBW Red, Green, Blue and White *Leave blank for all other color temperatures

POWER FEED CONNECTOR CORD

The 6' 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	Option
SS	PFE	6FT	RGB
SS Soft Strip	PFE Power Feed Connector Cord	6FT 12FT	RGB Red, Green and Blue *Leave blank for all other color temperatures

FLEXIBLE CONNECTOR

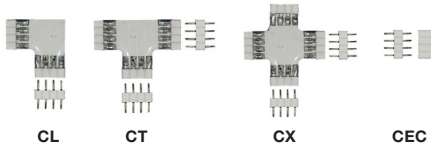
Available in 3", 6", 12", 36", 96" and 144" lengths, link two sections of LED Strip end to end.



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

CONNECTORS

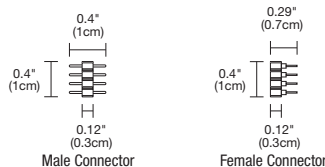
L, T and X Connectors join LED Strip sections. End Cap Connector converts female end of Stomp Strip to male end or may be used as end cap.



Product	Type	Option
SS	CL	RGBW
SS Stomp Strip	CL L-Connector CT T-Connector CX X-Connector CEC End Cap Connector	RGBW Red, Green, Blue and White *Leave blank for all other color temperatures

EXTRA PIN CONNECTORS

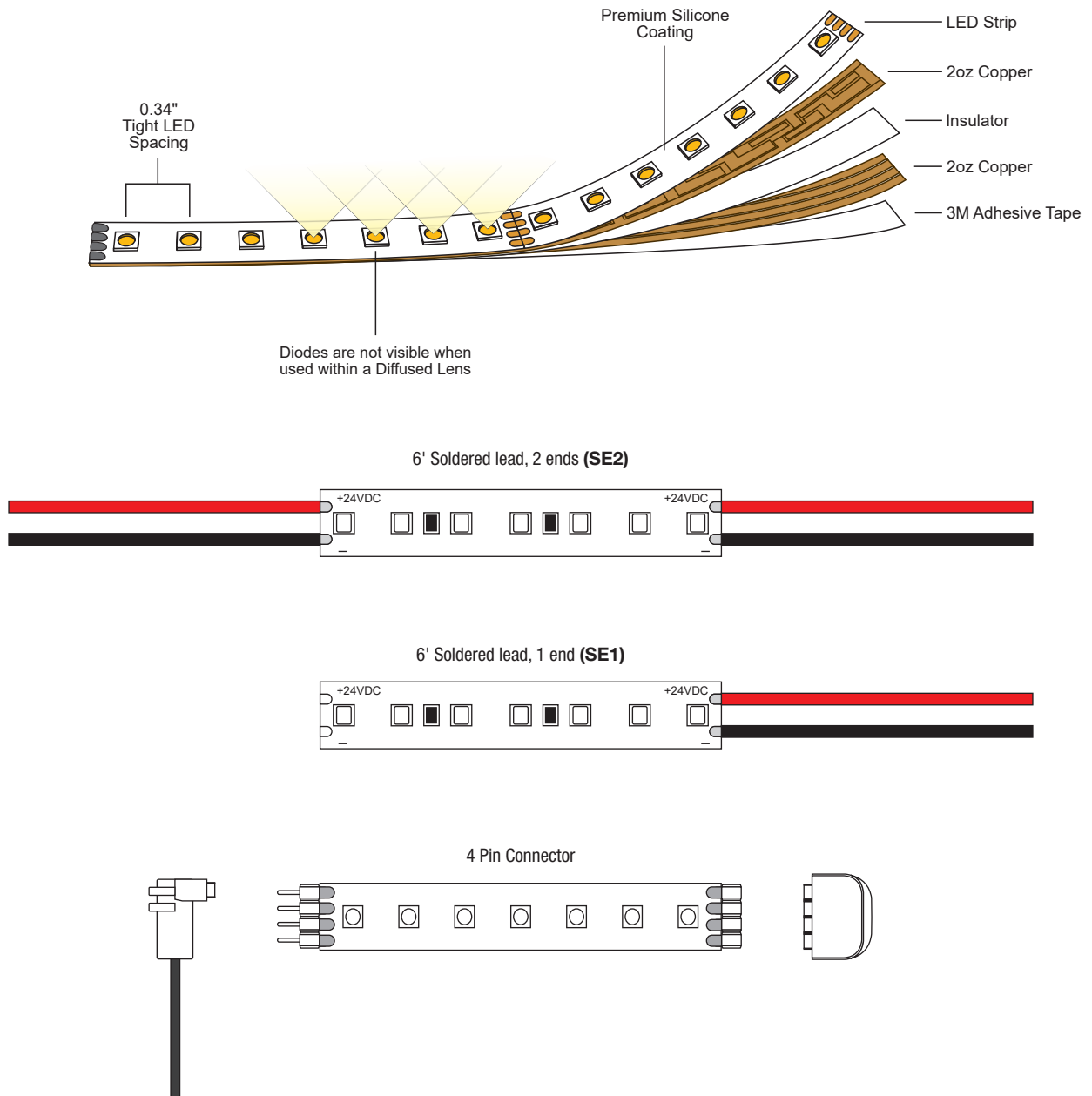
Extra soldering pin connectors. Male and female.



System	Voltage	Type	Option
SS	ML	CON	RGBW
SS Stomp Strip	FE Female Connector ML Male Connector	CON Connector White	RGBW Red, Green, Blue and White *Leave blank for all other color temperatures

PROJECT		FIXTURE TYPE		DATE	
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APPROVALS: Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed.



PROJECT	FIXTURE TYPE	DATE
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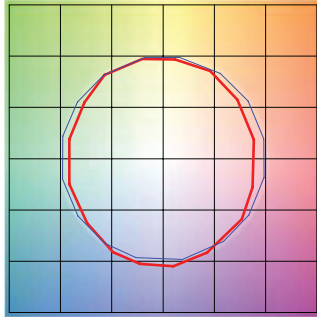
TM30 DATA

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

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

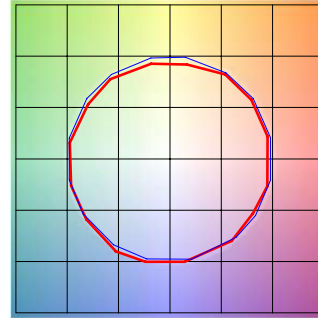


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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

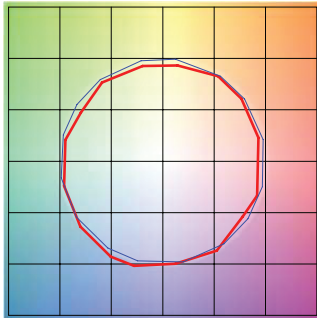


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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

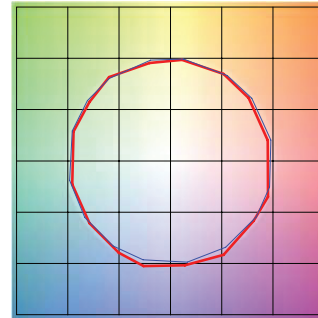


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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

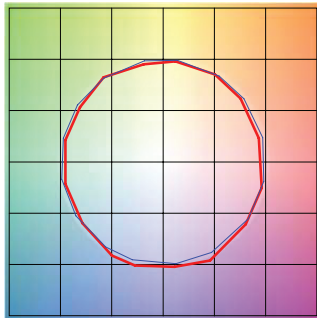


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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

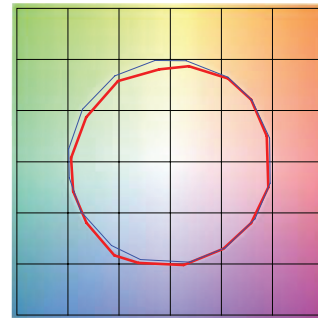


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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	86.2	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



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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	
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TM30 DATA
24VDC, HIGH OUTPUT, STATIC WHITE, WARM DIM, RGB, RGB+W & TUNABLE WHITE

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

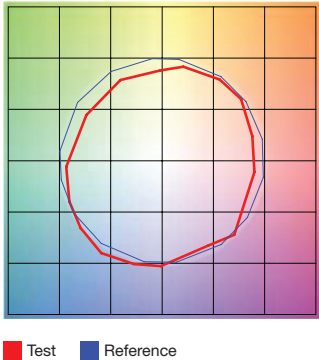


Table with 4 columns: HUE BIN, Rf, CHROMA, HUE. Rows 1-16 showing color shift percentages.

2700D | Rf: 89.5 | Rg: 100.8
Color Vector Graphic

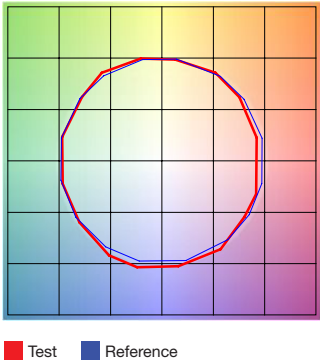


Table with 4 columns: HUE BIN, Rf, CHROMA, HUE. Rows 1-16 showing color shift percentages.

3000D | Rf: 89.8 | Rg: 101.4
Color Vector Graphic

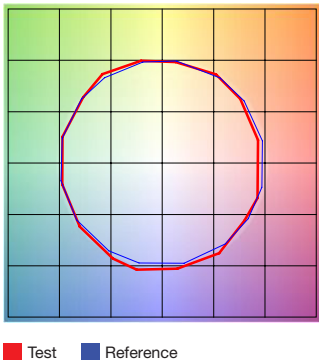


Table with 4 columns: HUE BIN, Rf, CHROMA, HUE. Rows 1-16 showing color shift percentages.

PROJECT | FIXTURE TYPE | DATE