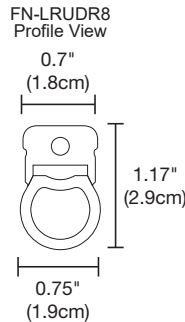


FLEX NEON LRUDR8 0.8" ROUND LENS INDOOR/OUTDOOR

24VDC LEFT/RIGHT & UP/DOWN BEND, STATIC WHITE, WARM DIM & TUNABLE WHITE

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

REV 04.18.25



DESCRIPTION

LRUDR8 Flexible Neon Bends Left and Right or Up and Down with a 0.8" Round lens, offering superior color rendering while creating uniform illumination without pixelation. May be Surface Mounted or Flush Mounted. Choose from multiple static white color temperatures, including two Warm Dim options of 2400K (**24D**) or 2700K (**27D**) and Tunable White (**2K6K**). Tunable White technology grants independent control for adjusting LED color temperature and brightness. Use with two dimmers or, our proprietary Tunable White Controller (**CDMX-1**) for fast and accurate adjustment with three pre-set scenes (Ordered separately). The (**W**) wet location is an IP67 rated fixture featuring watertight barrel connections. Seamless (**S**) (for continuous seamless runs), is rated for Indoor Damp Location ONLY using Class 2 bare wire connectors. Patent Pending. For custom designs and quotes, send drawings to design@PureEdgeLighting.com.

For quick & easy reference, plus the most up-to-date pricing, use our [Flex Neon LRUDR8 Configurator](#)

LUMEN PERFORMANCE AT 3000K 5W PER FOOT

LUMEN OUTPUT	318 lm/ft	EFFICIENCY	72 lm/watt
CRI	92	Rg	98
BEAM ANGLE	165°	BEAM TOLERANCE	+/- 30CCT

SPECIFICATIONS

DIMENSIONS	Height: 1.17" Width 0.7" (TOP) 0.75" (BOTTOM)
INPUT	24VDC with 5" leads
POWER SUPPLIES	Remote 24VDC power supply required
POWER CONSUMPTION	2, 5, or 7 watts per foot
INCREMENTS	2.4" or 3"
MAX LENGTH	40' at 2 watts, 20' at 5 watts
BENDING	4" Minimum Radius
MATERIAL	UV Resistant PVC
OPERATING TEMPERATURE	-4° F (-20° C) to 122° F (+50° C)
AVERAGE LED LIFE	50,000 hrs
WARRANTY	5 Year pro-rated
COMPLIANCE	Class 2 Wiring Indoor Applications, Outdoor Wet Location with Water Tight Barrel Connectors IP67 Rated, ETL listed



W - Wet Location Outdoor



S - Seamless Bare Wire Indoor suitable for Indoor Damp Locations



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

24VDC, Class 2 wiring

- [Home Integration Solutions](#)

Static White

- [UNI Driver: Universal Dimming \(TRIAC, ELV, 0-10V\)](#)

Warm Dim

- [UNI Driver: Universal Dimming \(TRIAC, ELV, 0-10V\)](#)

- [Make It Smart: Pure Smart™ Wi-Fi Dimmer](#)

Tunable White

- [0-10V](#): Requires two dimmers, one for intensity and one for color temperature
- [DMX Dynamic Color Changing](#): Must be used with PureEdge [Controllers](#)

INDOOR

- [Home Integration Solutions](#)

Static White

- [UNI Driver: Universal Dimming \(TRIAC, ELV, 0-10V\)](#)

Warm Dim

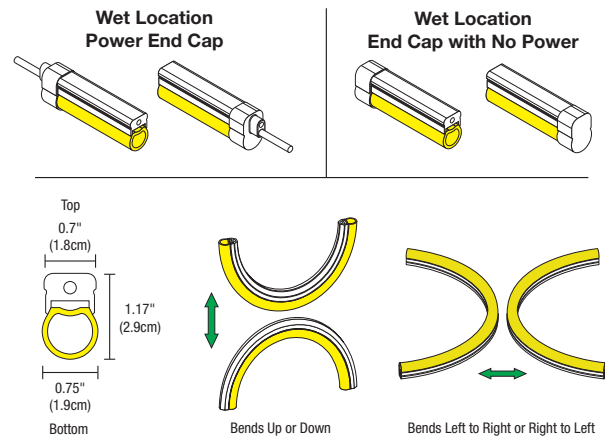
- [UNI Driver: Universal Dimming \(TRIAC, ELV, 0-10V\)](#)

- [Make It Smart: Pure Smart™ Wi-Fi Dimmer](#)

Tunable White

- [0-10V](#): Requires two dimmers, one for intensity and one for color temperature
- [DMX Dynamic Color Changing](#): Must be used with PureEdge [Controllers](#)

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



System	Viewing Angle Model Shape	Wattage	Length in Inches	Color Temperature		5" Input Wire Feed	5" Output Wire	Environment
FN	LRUDR8	2W	120	27K		E	CA	W
FN Flex Neon 24V	LRUDR8 Left and Right or Up and Down Bend, Round 0.8" x 0.8"	2W 2.5 watts per foot 5W 5 watts per foot	6-480 (40' max) 6-240 (20' max) †Static & Tunable White: 2.4" Increments Warm Dim: 3" increments	22K 2200K Amber White 24K 2400K Very Warm White 24D* 2400K Warm Dim, Dims to 1800K 27K 2700K Incandescent White	27D* 2700K Warm Dim, Dims to 1800K 30K 3000K Warm White 35K 3500K Neutral White 2K6K Tunable White 2000K-6500K 27K6 Tunable White 2700K-6500K	E End Power Input Wire	E End Wire Lead Out CA* Cap at end, no feed through	S Seamless Indoor/Damp location bare wire leads Bottom and Left Feed Only W Outdoor wet location Barrel Connector cable leads
				*5 Watt Only		*Indoor Seamless: No output feed wire. No cap will be provided.		

*Indoor Seamless: No output feed wire, No cap will be provided.

PROJECT		FIXTURE TYPE		DATE	
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FLEX NEON LRUDR8 0.8" ROUND LENS INDOOR/OUTDOOR

24VDC LEFT/RIGHT & UP/DOWN BEND, STATIC WHITE, WARM DIM & TUNABLE WHITE

REV 04.18.25

NOMINAL DELIVERED LUMENS

	LRUDR8																
WATTS PER FOOT	2W					5W							7W				
COLOR TEMPERATURE	22K	24K	27K	30K	35K	22K	24K	24D	27K	27D	30K	35K	22K	24K	27K	30K	35K
LUMENS PER FOOT (lm/ft)	164	164	165	172	198	302	302	306	349	318	363	365	467	467	472	492	564
LUMENS PER WATT (lm/w)	65	65	66	69	79	69	69	69	73	72	76	83	64	64	65	67	77
CRI	92+	92+	92+	92+	92+	92+	92+	92+	94+	92+	94+	92+	92+	92+	92+	92+	92+

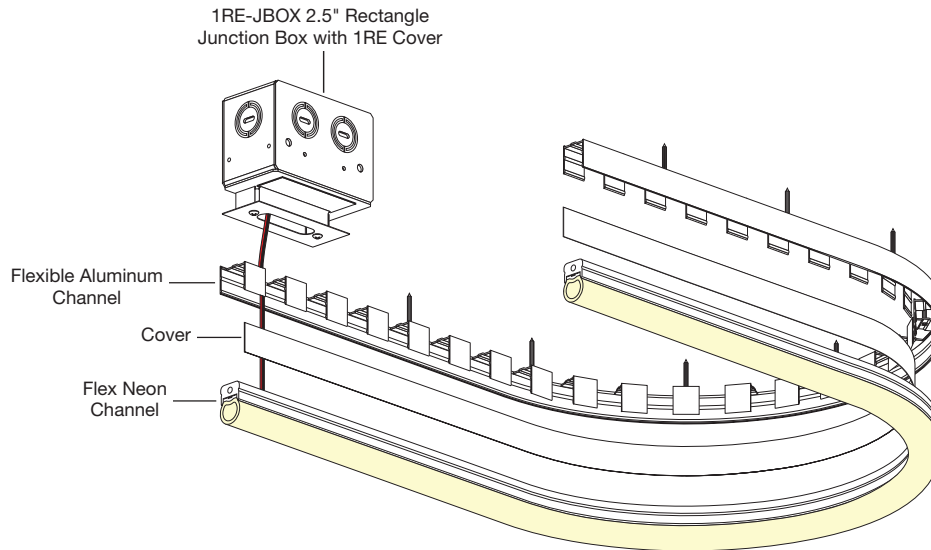
*Warm Dim: 4.8 Watts

2K6K																											
WATTS PER FOOT				2W								5W								7W							
COLOR TEMPERATURE	22K	24K	27K	30K	35K	40K	45K	57K	65K	22K	24K	27K	30K	35K	40K	45K	57K	65K	22K	24K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	88	89	91	92	93	96	104	112	120	220	229	238	246	264	283	285	288	356	295	309	322	336	350	378	398	402	406
LUMENS PER WATT (lm/w)	48	45	45	46	47	48	90	56	67	46	48	50	51	55	59	59	63	79	46	43	45	47	49	52	55	56	63
CRI	91+	91+	91+	94+	93+	92+	92+	91+	91+	91+	91+	94+	93+	92+	92+	91+	91+	93+	91+	91+	91+	94+	93+	92+	92+	91+	91+

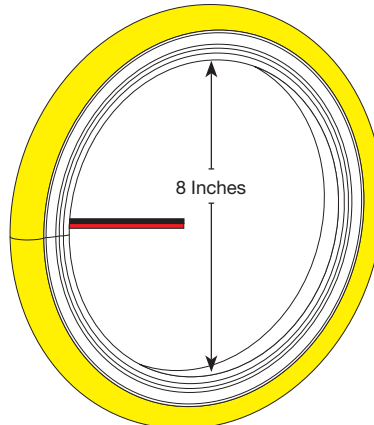
	27K6																				
WATTS PER FOOT	2W						4.6W						7.5W								
COLOR TEMPERATURE	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	95	113	116	119	131	141	134	95	112	115	119	130	139	133	236	242	251	260	257	255	254
LUMENS PER WATT (lm/w)	48	45	47	48	52	56	67	24	24	25	26	28	30	33	37	34	35	36	36	35	40
CRI	94+	93+	92+	92+	92+	92+	91+	92+	92+	92+	95+	93+	93+	93+	92+	92+	92+	95+	93+	93+	93+

DRAWINGS & DIMENSIONS Dimensions for the Flex Neon LRUDR8

Seamless Connectors are ideal for indoor projects that have multiple segments of Flex Neon but need to look like a continuous run/fixture, and are assembled in the factory – fixtures ready to use.



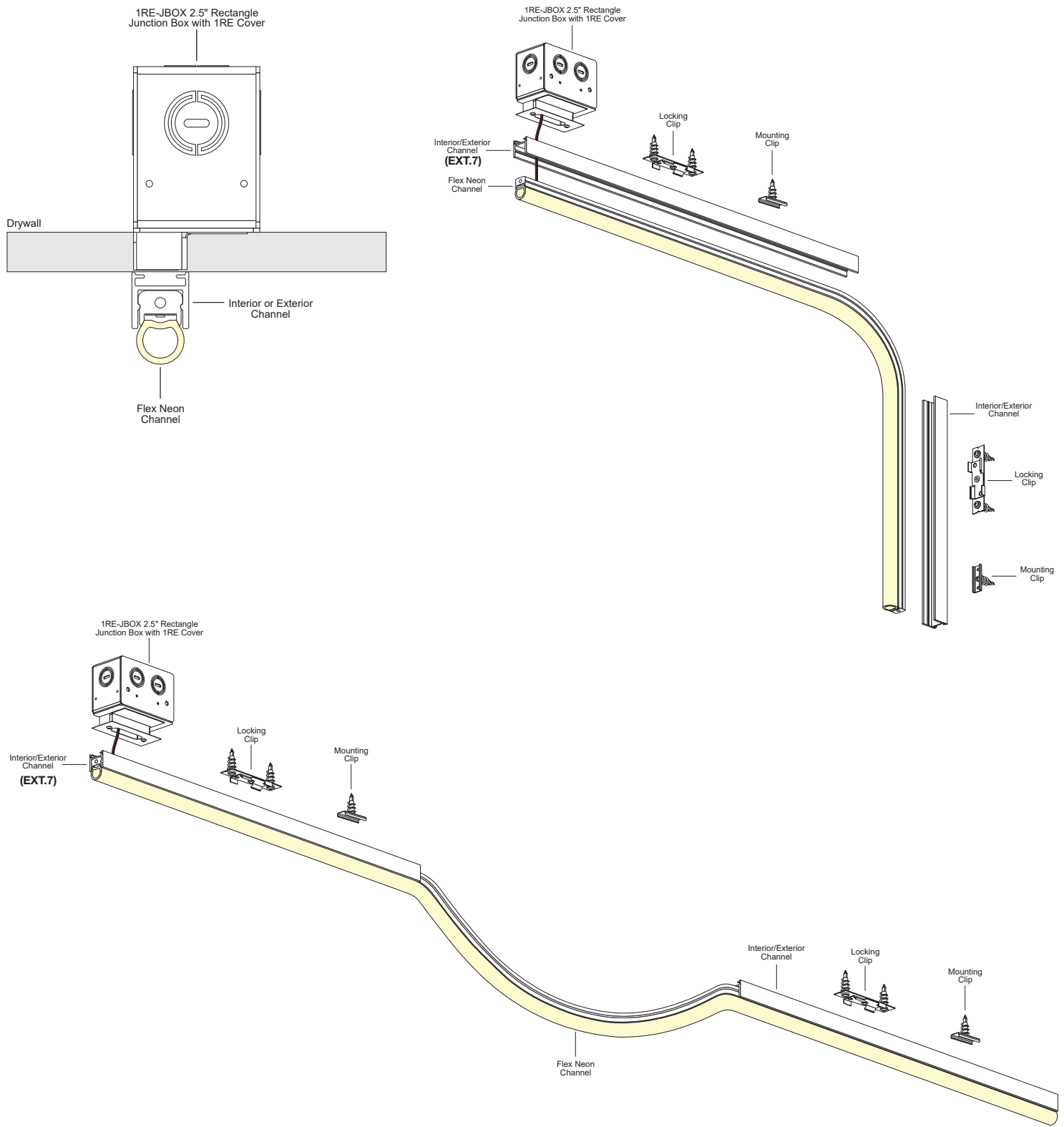
Seamless Circle



PROJECT		FIXTURE TYPE		DATE	
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FLEX NEON LRUDR8 0.8" ROUND LENS INDOOR/OUTDOOR 24VDC LEFT/RIGHT & UP/DOWN BEND, STATIC WHITE, WARM DIM & TUNABLE WHITE

Drawings: Exploded View for Flexible Aluminum Channel with 1RE J-box



PROJECT		FIXTURE TYPE		DATE	
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FLEX NEON LRUDR8 0.8" ROUND LENS INDOOR/OUTDOOR

24VDC LEFT/RIGHT & UP/DOWN BEND, STATIC WHITE, WARM DIM & TUNABLE WHITE

LENGTH CHART Actual lengths for Flex Neon LRUDR8

LENGTH CHART - STATIC & TUNABLE WHITE											
Ordering Code (Nominal Size)	Actual Length	Ordering Code (Nominal Size)	Actual Length	Ordering Code (Nominal Size)	Actual Length	Ordering Code (Nominal Size)	Actual Length	Ordering Code (Nominal Size)	Actual Length	Ordering Code (Nominal Size)	Actual Length
8	7.95	77	77.55	147	147.15	214	214.35	281	281.55	348	348.75
10	10.35	80	79.95	149	149.55	216	216.75	284	283.95	351	351.15
12	12.75	82	82.35	152	151.95	219	219.15	286	286.35	353	353.55
15	15.15	84	84.75	154	154.35	221	221.55	288	288.75	356	355.95
17	17.55	87	87.15	156	156.75	224	223.95	291	291.15	358	358.35
20	19.95	89	89.55	159	159.15	226	226.35	293	293.55	360	360.75
22	22.35	92	91.95	161	161.55	228	228.75	296	295.95	363	363.15
24	24.75	94	94.35	164	163.95	231	231.15	298	298.35	365	365.55
27	27.15	96	96.75	166	166.35	233	233.55	300	300.75	368	367.95
29	29.55	99	99.15	168	168.75	236	235.95	303	303.15	370	370.35
32	31.95	101	101.55	171	171.15	238	238.35	305	305.55	372	372.75
34	34.35	104	103.95	173	173.55	240	240.75	308	307.95	375	375.15
36	36.75	106	106.35	176	175.95	243	243.15	310	310.35	377	377.55
39	39.15	108	108.75	178	178.35	245	245.55	312	312.75	380	379.95
41	41.55	111	111.15	180	180.75	248	247.95	315	315.15	382	382.35
44	43.95	113	113.55	183	183.15	250	250.35	317	317.55	384	384.75
46	46.35	116	115.95	185	185.55	252	252.75	320	319.95	387	387.15
48	48.75	118	118.35	188	187.95	255	255.15	322	322.35	389	389.55
51	51.15	120	120.75	190	190.35	257	257.55	324	324.75	392	391.95
53	53.55	123	123.15	192	192.75	260	259.95	327	327.15	394	394.35
56	55.95	125	125.55	195	195.15	262	262.35	329	329.55	396	396.75
58	58.35	128	127.95	197	197.55	264	264.75	332	331.95	399	399.15
60	60.75	130	130.35	200	199.95	267	267.15	334	334.35	401	401.55
63	63.15	132	132.75	202	202.35	269	269.55	336	336.75	404	403.95
65	65.55	135	135.15	204	204.75	272	271.95	339	339.15	406	406.35
68	67.95	137	137.55	207	207.15	274	274.35	341	341.55	408	408.75
70	70.35	140	139.95	209	209.55	276	276.75	344	343.95	411	411.15
72	72.75	142	142.35	212	211.95	279	279.15	346	346.35	413	413.55
75	75.15	144	144.75							480	480.75

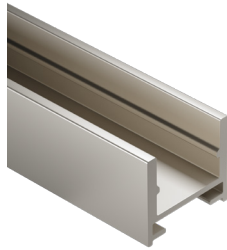
LENGTH CHART - WARM DIM											
Ordering Code (Nominal Size)	Actual Length	Ordering Code (Nominal Size)	Actual Length	Ordering Code (Nominal Size)	Actual Length	Ordering Code (Nominal Size)	Actual Length	Ordering Code (Nominal Size)	Actual Length	Ordering Code (Nominal Size)	Actual Length
6	6.75	75	75.75	138	138.75	207	207.75	276	276.75	345	345.75
9	9.75	78	78.75	141	141.75	210	210.75	279	279.75	348	348.75
12	12.75	81	81.75	144	144.75	213	213.75	282	282.75	351	351.75
15	15.75	84	84.75	147	147.75	216	216.75	285	285.75	354	354.75
18	18.75	87	87.75	150	150.75	219	219.75	288	288.75	357	357.75
21	21.75	90	90.75	153	153.75	222	222.75	291	291.75	360	360.75
24	24.75	93	93.75	156	156.75	225	225.75	294	294.75	363	363.75
27	27.75	96	96.75	159	159.75	228	228.75	297	297.75	366	366.75
30	30.75	99	99.75	162	162.75	231	231.75	300	300.75	369	369.75
33	33.75	102	102.75	165	165.75	234	234.75	303	303.75	372	372.75
36	36.75	105	105.75	168	168.75	237	237.75	306	306.75	375	375.75
39	39.75	108	108.75	171	171.75	240	240.75	309	309.75	378	378.75
42	42.75	111	111.75	174	174.75	243	243.75	312	312.75	381	381.75
45	45.75	114	114.75	177	177.75	246	246.75	315	315.75	384	384.75
48	48.75	117	117.75	180	180.75	249	249.75	318	318.75	387	387.75
51	51.75	120	120.75	183	183.75	252	252.75	321	321.75	390	390.75
54	54.75	123	123.75	186	186.75	255	255.75	324	324.75	393	393.75
57	57.75	126	126.75	189	189.75	258	258.75	327	327.75	396	396.75
60	60.75	129	129.75	192	192.75	261	261.75	330	330.75	399	399.75
63	63.75	132	132.75	195	195.75	264	264.75	333	333.75	402	402.75
66	66.75	135	135.75	198	198.75	267	267.75	336	336.75	405	405.75
69	69.75			201	201.75	270	270.75	339	339.75	408	408.75
72	72.75			204	204.75	273	273.75	342	342.75	411	411.75
										480	480.75

PROJECT		FIXTURE TYPE		DATE	
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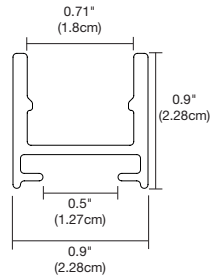


FLEX NEON OUTDOOR ACCESSORIES AND J-BOXES

24VDC LEFT/RIGHT & UP/DOWN BEND, STATIC WHITE, WARM DIM & TUNABLE WHITE



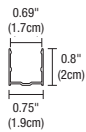
EXT.7 Light Channel



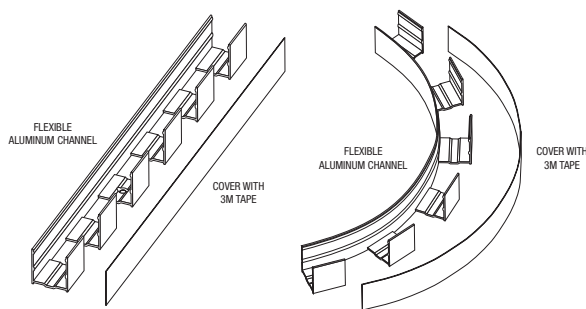
INTERIOR OR EXTERIOR CHANNEL

Interior or exterior channel features an aluminum extrusion with mounting clips included every 2ft. Available in length up to 10ft long and may be cut at the job site.

Product	Length	Finish
EXT.7	10FT	SA
EXT.7 Extrusion 0.7" Wide	4FT 4 Feet 5FT 5 Feet 8FT 8 Feet 10FT 10 Feet	SA Satin Aluminum WH White



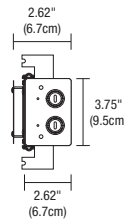
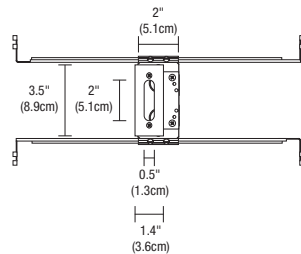
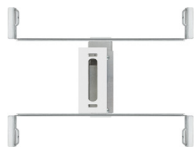
FLEXIBLE ALUMINUM CHANNEL



FLEXIBLE ALUMINUM CHANNEL

Flexible aluminum channel is designed to work specifically with Flex Neon for practical and professional mounting. The channel can make 4 inch radius, 90° turns, perfect circles and sweeping bends that follow the form of architectural details, soffits, signage and more - consider using this channel to guide your linear LED lighting design. Patent Pending.

Product	Length	Finish
FX-EXT.7	4FT	WH
FX-EXT.7 Flexible Extrusion 0.7" Wide	4FT 4 Feet	BK Black WH White

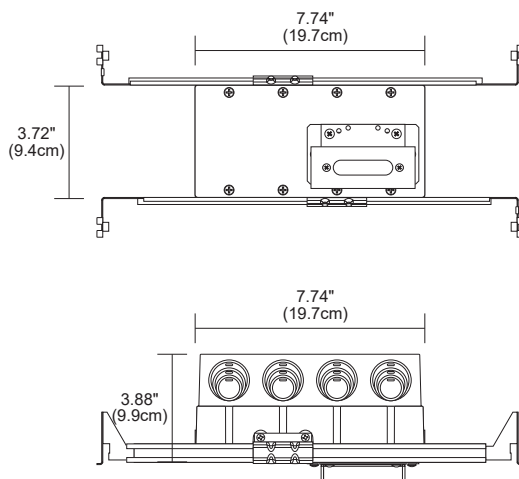


1" RECTANGLE CANOPY & J-BOX*

The Slim-Profile Junction Box with Hanger Bars mounts to studs spaced between 14.5" and 25" apart behind drywall. Allows low voltage DC wires from Remote Power Supply to connect to channel wires. The Junction Box opening is covered by the fixture for a clean, safe connection. Includes a Goof Plate, for poor plastering around J-box.

*Only to be used with Seamless Indoor Bottom Lead-In and Out

Product	Canopy	Product
C	1RE	JBOX
C Channel	1RE 1" Rectangle	JBOX Junction Box



1" RECTANGLE CANOPY WITH 4 GANG JUNCTION BOX AND PURE SMART WIZ PRO CV BRIDGEBOX

The slim profile 1RE Canopy with 4 Gang Junction Box come with adjustable hanger bars and a Pure Smart WiZ Pro CV Bridgebox allowing wireless control of Flex Neon. Two Class 2, 14AWG stranded conductors from the Remote Power Supply up to 40 ft away are required.

System	Type	Wattage	Control	Color Temperature	System Code
C	1RE4G	96W	WZ	DW	FN
C Channel	1RE4G 1" Rectangle Canopy with 4 Gang Junction Box	96W 96 Watts	WZ WIZ Pro Connected CV Smart Bridgebox Included	DW Static White TW Tunable white	FN Flex Neon

PROJECT		FIXTURE TYPE		DATE	
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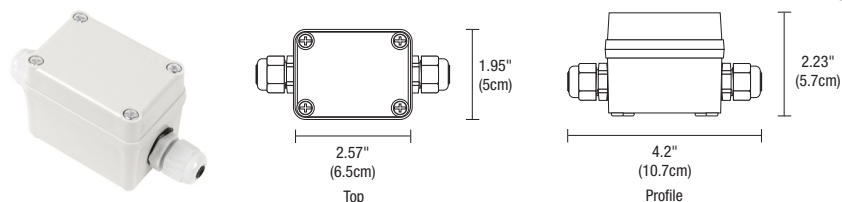


FLEX NEON OUTDOOR ACCESSORIES AND J-BOXES

24VDC LEFT/RIGHT & UP/DOWN BEND, STATIC WHITE, WARM DIM & TUNABLE WHITE

WET LOCATION JUNCTION BOX

Wet-rated low voltage Splice Box with connectors.



Product	Type	Option
2RE	JBOX	W
2RE 2" Rectangle	JBOX Junction Box	W Wet Location

WET LOCATION JUNCTION BOX WITH 6" POWER CABLE

This watertight, multi-fixture Junction Box is especially designed for lighting in wet and damp locations. It is versatile, rugged and simple to install. The Junction Box comes standard with a 6" Flexible Cable providing easy, safe, and reliable connections for 24V low voltage luminaires. This box is approved for indoor and outdoor usage and complies with all the requirements of UL1241 and the National Electric Code.



Static White & Warm Dim

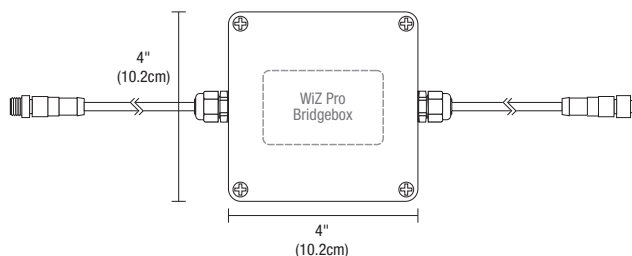
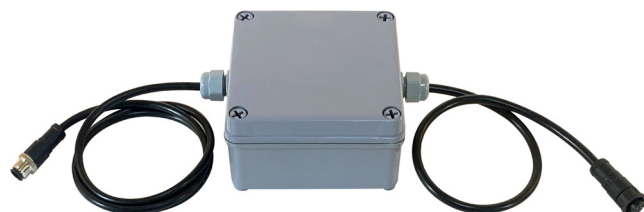
Product	Canopy	Product	Size	Option
SS	2RE	JBOX	6IN	W
SS LED Soft Strip Flex Neon	2RE 2" Rectangle	JBOX Junction Box	6IN 6" Four Wire Connection 96IN 96" Four Wire Connection	W Wet Location

All Other Color Temperatures

Product	Canopy	Product	Size	Color Temperature	Option
SS	2RE	JBOX	6IN	RGBW	W
SS LED Soft Strip Flex Neon	2RE 2" Rectangle	JBOX Junction Box	6IN 6" Five Wire Connection 96IN 96" Five Wire Connection	RGBW Red, Green, Blue & Tunable White	W Wet Location

PURE SMART WET LOCATION JUNCTION BOX WITH 8FT POWER CABLE AND WIZ PRO UR BRIDGEBOX

This watertight Junction Box is especially designed for lighting in wet and damp locations. The Junction Box comes standard with a 8ft of outdoor cable and both male and female barrel connectors providing easy, safe, and reliable connections for 24V low voltage luminaires. Included with the Junction Box is one WIZ Pro type Bridgebox allowing wireless control of Flex Neon. This box is approved for indoor and outdoor usage and complies with all the requirements of UL1241 and the National Electric Code.



Product	Type	Wattage	Controls	Color Temperature	Option	System
BR	JBC	96W	WZ	DW	W	FN
BR Bridgebox for LED Soft Strip and Flex Neon	JBC Outdoor Junction Box with Two Barrel Connectors	96W 96 Watts	WZ WIZ Connected Bridgebox Included	DW Static White TW Tunable white	W Wet Location	FN Flex Neon

PROJECT		FIXTURE TYPE		DATE	
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FLEX NEON OUTDOOR ACCESSORIES AND J-BOXES

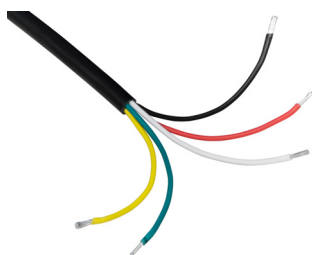
24VDC LEFT/RIGHT & UP/DOWN BEND, STATIC WHITE, WARM DIM & TUNABLE WHITE



DIRECT BURIAL LOCATION CABLE ORDER PER FOOT

Our Direct Burial, 2 Conductor Plus ground, 12 Gauge Cable is a durable and adaptable cable suitable for transmitting power, control, and switching in outdoor wet and in ground environments. Keep within 60 ft between fixture and power supply. Cable sold by the foot, simply specify the length needed. Not compatible with Tunable White.

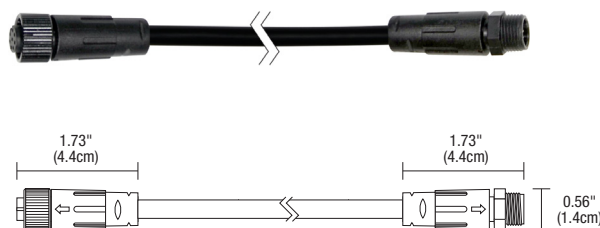
Product	Gauge	Cable
DB	12G	2C
DB Direct Burial	12G 12 Gauge	2C 2 Conductor



WET AND DAMP LOCATION CABLE ORDER PER FOOT

Our Wet Location, 5 Conductor, 14 Gauge Cable is a durable and adaptable cable suitable for transmitting power, control, and switching in indoor and outdoor wet and damp environments. Keep within 50 ft between fixture and power supply. Cable sold by the foot, simply specify the length needed. For use with Tunable White.

Product	Gauge	Cable
OC	14G	5C
OC Outdoor Cable	14G 14 Gauge	5C 5 Conductor



POWER CABLE CONNECTOR WET LOCATION

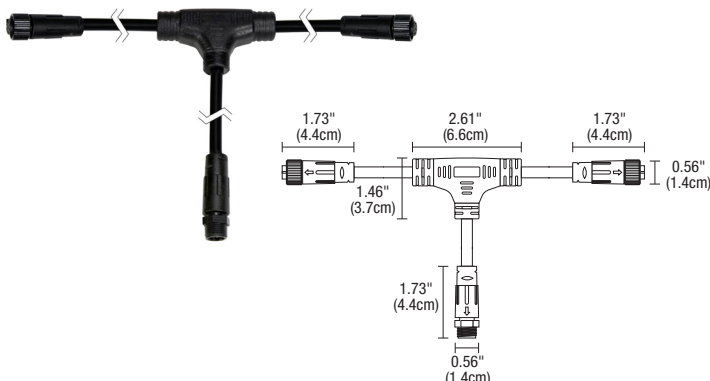
The flexible power cable connector is designed to work in outdoor environments for safe and reliable connections. This Flexible Connector is easy to install and configure, helping you create innovative lighting designs in an outdoor commercial or residential space.

Static White & Warm Dim

Product	Type	Size	Conductor	Option
SS	CFX	16IN	2C	W
SS Soft Strip and Flex Neon	CFX Flexible Connector	16IN 16"	2C 2 Conductor	W Wet Location

All Other Color Temperatures

Product	Type	Size	Conductor	Option
SS	CFX	16IN	6C	W
SS Soft Strip and Flex Neon	CFX Flexible Connector	16IN 16"	6C 6 Conductor	W Wet Location



WET LOCATION T-CONNECTOR

Our Wet Location T-Connector is a robust rugged design especially suited to withstand the challenges of damp and wet environments. This unique T-Connector has one Male and two Female Connectors and is suitable for multiple indoor and outdoor uses. Versatile design is easy to use, making installation quick and efficient.

Static White & Warm Dim

Product	Type	Size	Size	Option
SS	CFX	4IN	2YC	W
SS Soft Strip and Flex Neon	CFX Flexible Connector	4IN 4"	2YC Y-Shape 2 Conductor	W Wet Location

All Other Color Temperatures

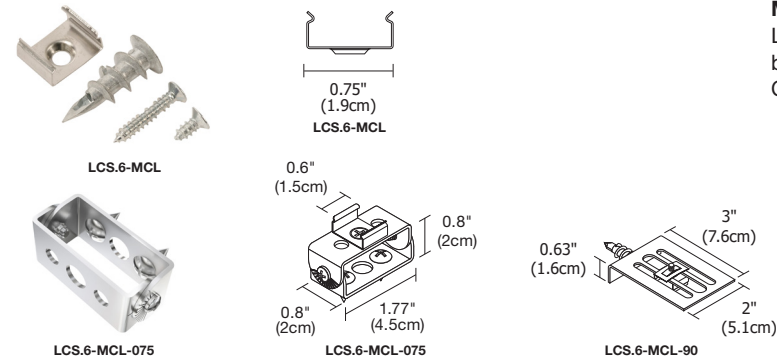
Product	Type	Size	Size	Option
SS	CFX	4IN	6YC	W
SS Soft Strip and Flex Neon	CFX Flexible Connector	4IN 4"	6YC Y-Shape 6 Conductor	W Wet Location

PROJECT		FIXTURE TYPE		DATE	
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FLEX NEON OUTDOOR ACCESSORIES AND J-BOXES

24VDC LEFT/RIGHT & UP/DOWN BEND, STATIC WHITE, WARM DIM & TUNABLE WHITE



MOUNTING CLIP WITH NO CHANNEL

LCS.6 mounting clips are provided with every 12" of Flex Neon and may be ordered separately as replacement parts. The LCS.6-MCL-075 rotates Channel up to 75°. LCS.6-MCL-90 mounts Channel at a 90° angle.

System	Product	Type
LCS.6	MCL	
LCS.6 Flex Neon Left Right 0.6"	MCL Mounting Clip	Standard, Leave Blank
		075 Adjust 0-75°
		90 Mounts at 90°

FLEX NEON TIE STRAP

Use for mounting to poles for extra support, every 6"-12" (30 per package).

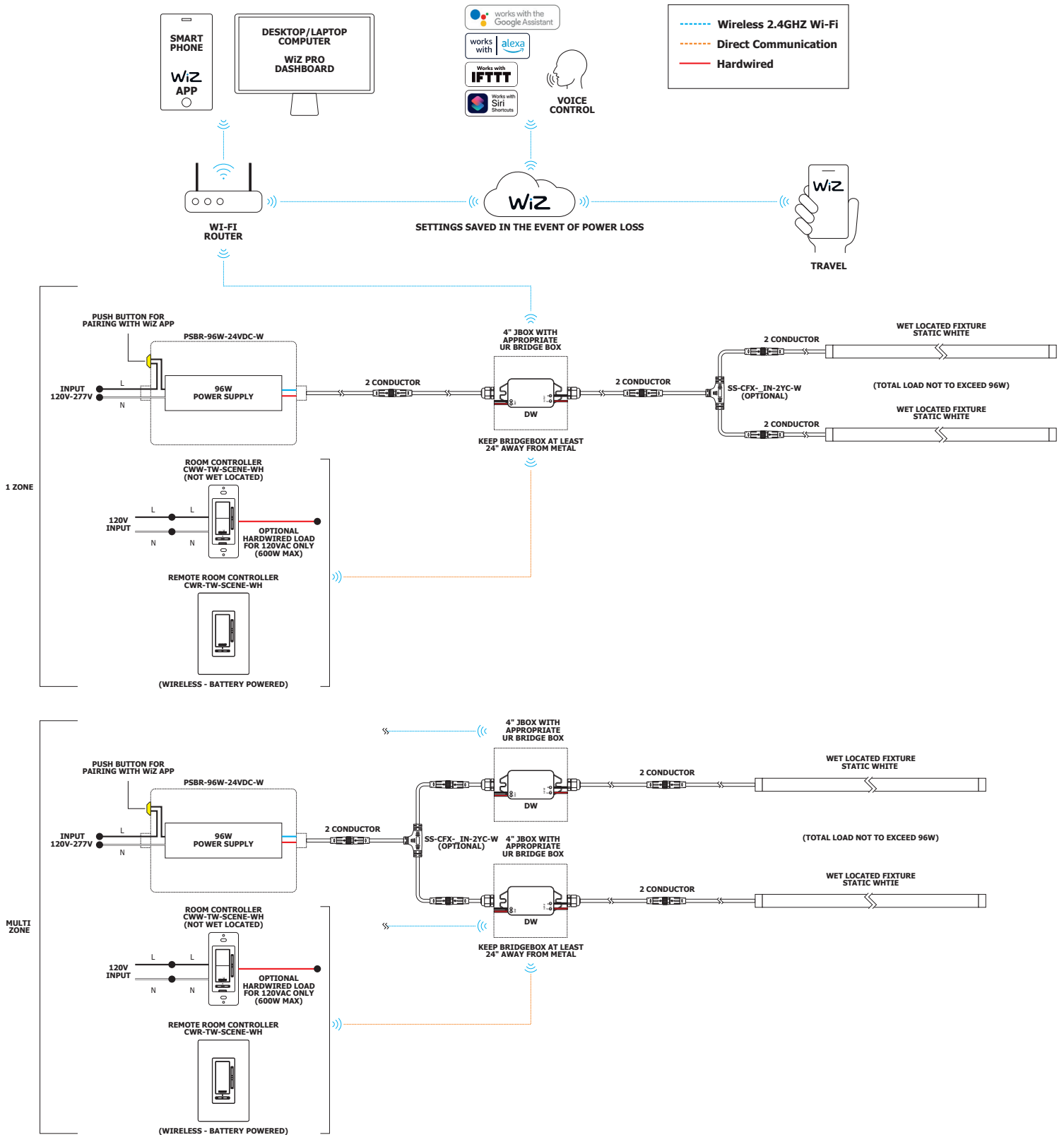


Product	Type
SS	ST
SS LED Flex Neon	ST Tie Strap

FLEX NEON LRUDR8 0.8" ROUND LENS INDOOR/OUTDOOR

24VDC LEFT/RIGHT & UP/DOWN BEND, STATIC WHITE, WARM DIM & TUNABLE WHITE

WIRING DIAGRAM: Static White & Warm Dim

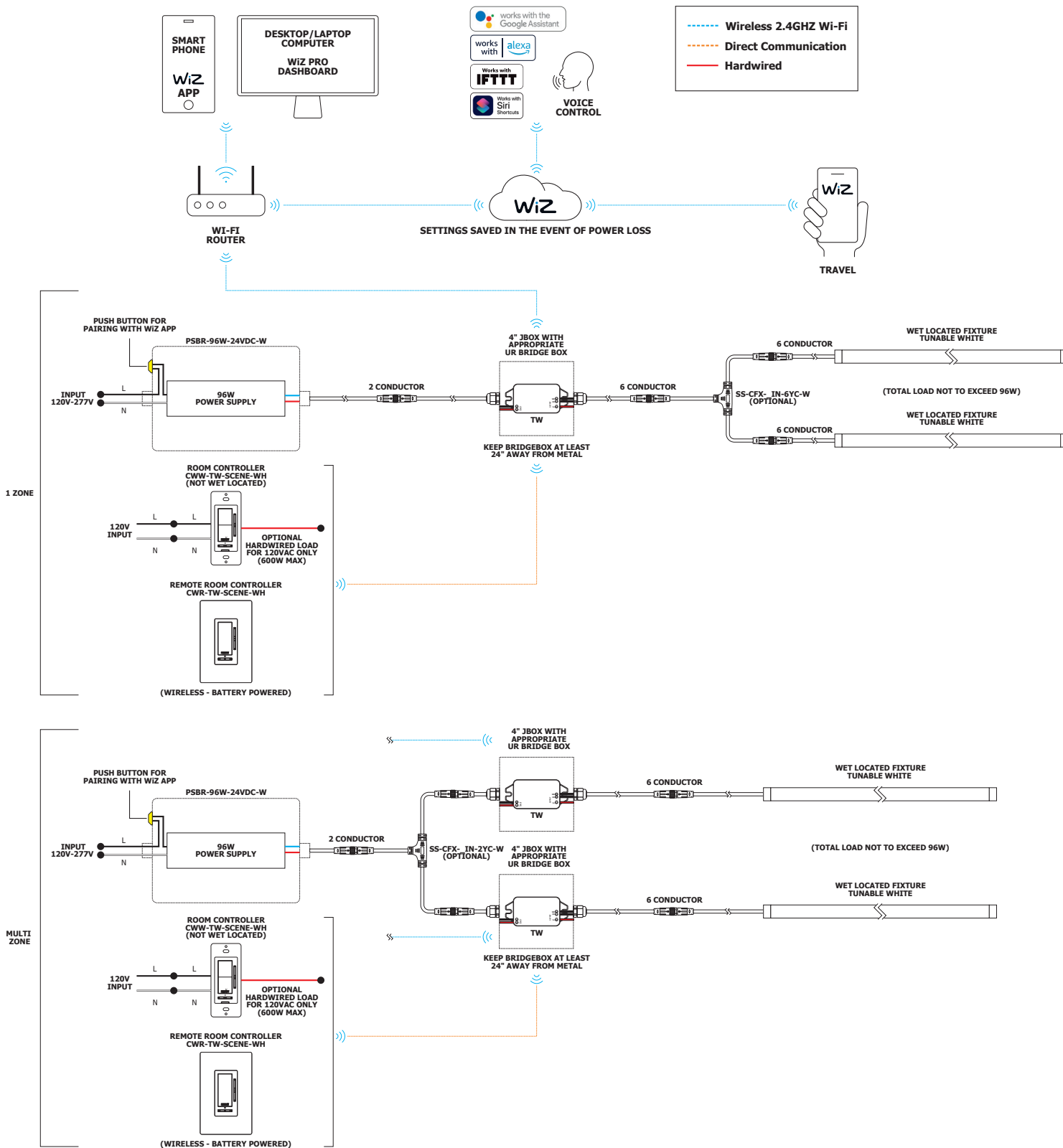


PROJECT		FIXTURE TYPE		DATE	
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FLEX NEON LRUDR8 0.8" ROUND LENS INDOOR/OUTDOOR

24VDC LEFT/RIGHT & UP/DOWN BEND, STATIC WHITE, WARM DIM & TUNABLE WHITE

WIRING DIAGRAM: Tunable White



PROJECT		FIXTURE TYPE		DATE	
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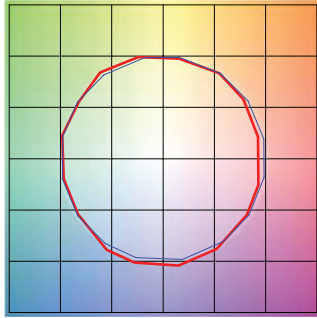
LED STRIP TM30 DATA

24VDC INDOOR / OUTDOOR 2W | 5W STATIC WHITE, WARM DIM & 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.

2200K | Rf: 90.5 | Rg: 99.9

Color Vector Graphic

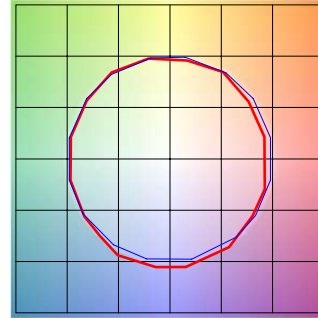


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	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%

2400K | Rf: 90.2 | Rg: 99.3

Color Vector Graphic

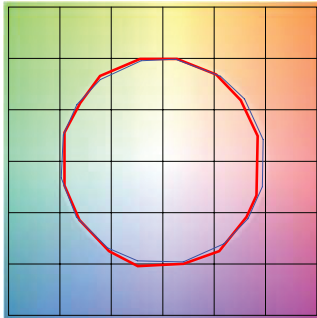


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	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%

2700K | Rf: 89.5 | Rg: 98.3

Color Vector Graphic

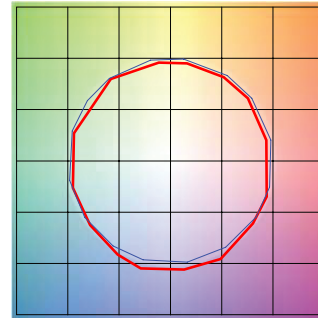


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	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%

3000K | Rf: 88.7 | Rg: 98.2

Color Vector Graphic

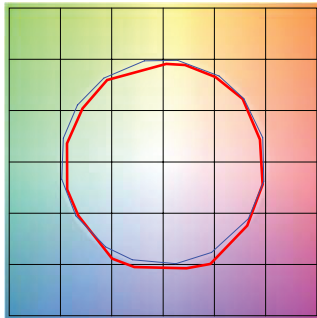


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	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%

3500K | Rf: 88.1 | Rg: 97.1

Color Vector Graphic

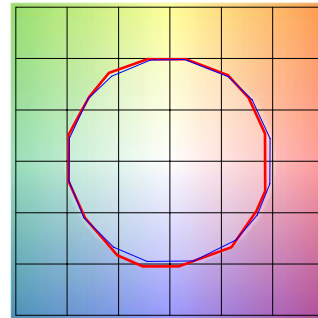


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	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%

2700D | Rf: 90.7 | Rg: 101.1

Color Vector Graphic



■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	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%

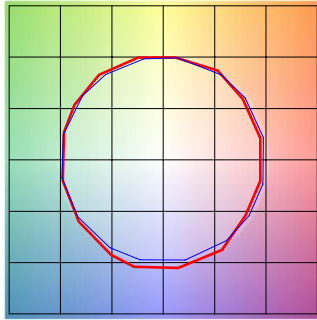
LED STRIP TM30 DATA

24VDC INDOOR / OUTDOOR 2W | 5W STATIC WHITE, WARM DIM & 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.

3000D | Rf: 90.6 | Rg: 101.1

Color Vector Graphic

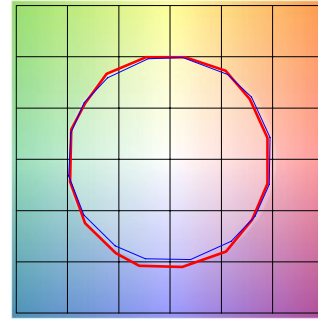


■ Test ■ Reference

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%

3000K (2K6K) | Rf: 90.5 | Rg: 100.7

Color Vector Graphic

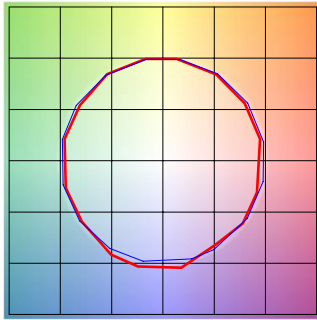


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	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%

2000K ONLY (2K6K) | Rf: 90.6 | Rg: 98.5

Color Vector Graphic

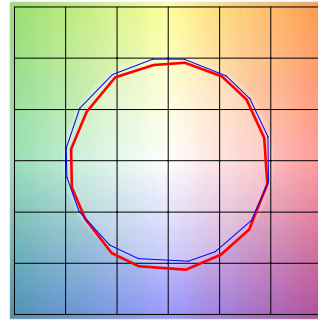


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	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%

4000K ONLY (2K6K) | Rf: 86.4 | Rg: 96.1

Color Vector Graphic

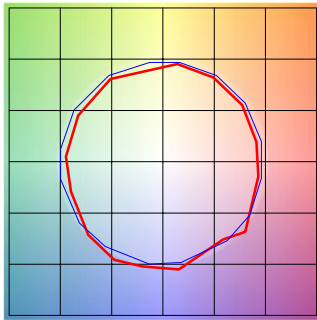


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	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%

6500K ONLY (2K6K) | Rf: 86.8 | Rg: 96.8

Color Vector Graphic



■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	86.5	-4.7%	0.8%
2	91.9	-2.5%	3.1%
3	91.2	-2.0%	1.9%
4	91.2	-1.6%	1.4%
5	85.7	-6.2%	-0.9%
6	92.9	-3.5%	-1.0%
7	92.1	-4.7%	0.7%
8	85.2	-5.8%	4.9%
9	82.8	-6.2%	14.3%
10	77.1	-0.7%	15%
11	72.1	5.8%	14.1%
12	91.6	4.0%	1.0%
13	89.9	5.6%	-2.3%
14	90.5	-1.8%	-3.7%
15	81.6	6.5%	-13.9%
16	92.8	-3.6%	-0.4%