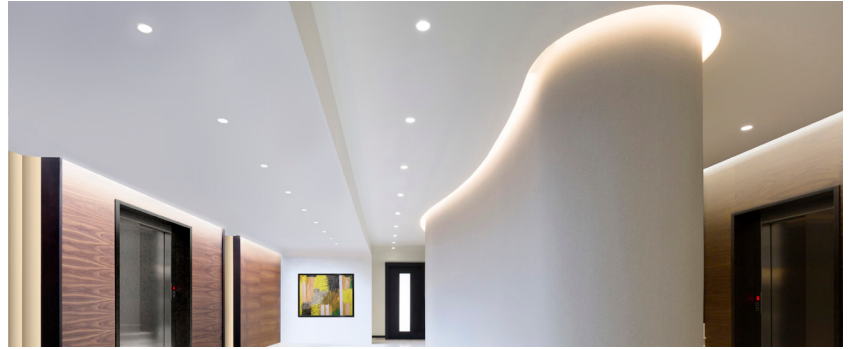
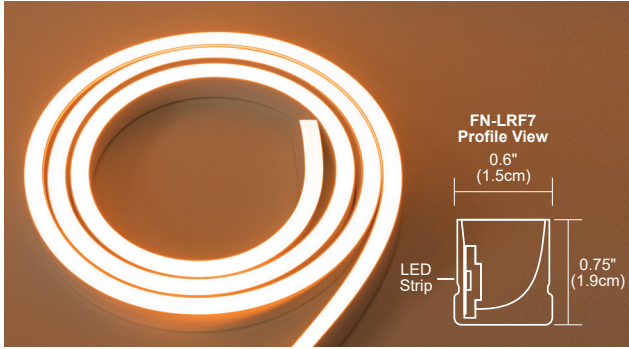


FLEX NEON LRF7 BENDS LEFT/RIGHT 0.7" FLAT LENS

24VDC INDOOR / OUTDOOR 2.5W | 5W | 7.5W STATIC WHITE, WARM DIM & TUNABLE WHITE

ASSEMBLED IN AMERICA

REV 11.15.21



DESCRIPTION

LRF7 Flexible Neon Bends Left to Right with a 0.7" wide Flat lens, producing superior color quality and performance while creating uniform illumination without visible dots. Flex Neon LRF7 can be surface mounted or flush mounted. Choose from 9 different color temperatures ranging from 2000K to 3500K, 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**) is an IP67 rated wet location fixture featuring watertight barrel connections. The (**S**) Seamless (for continuous, seamless runs), is rated for Indoor Damp Locations ONLY and uses Class 2 bare wire connectors. Fixture includes a 5-year pro-rated warranty. Patent pending.

SPECIFICATIONS

Flat top view 0.7" wide 0.75" high

INPUT	24VDC with 5" leads
POWER SUPPLIES	Remote 24VDC power supply required
POWER CONSUMPTION	2.5, 4.4 or 7.3 watts per foot
INCREMENTS	2.4" or 3"
MAX LENGTH	2W - 40', 5W- 20', 7W- 12'
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

LUMEN PERFORMANCE AT 3000K 7W PER FOOT (SEE COMPLETE CHART PG 2)

LUMEN OUTPUT	480 lm/ft	EFFICIENCY	66 lm/watt
CRI	94	R9	76
BEAM ANGLE	120°	BEAM TOLERANCE	+/- 30CCT



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

OUTDOOR/WET LOCATION STATIC WHITE & WARM DIM

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

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

STATIC WHITE & WARM DIM

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

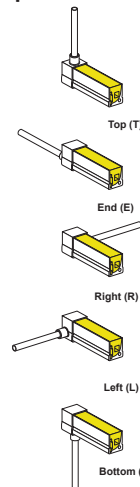
TUNABLE WHITE

[0-10V](#): Requires two dimmers, one for intensity and one for color temperature

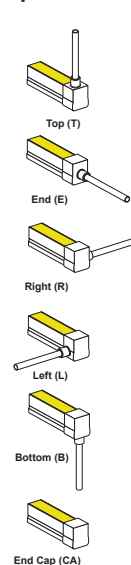
[DMX Dynamic Color Changing](#): Must be used with PureEdge [Controllers](#)

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

Wet Location Input Wire Leads



Wet Location Output Wire Leads



Seamless Indoor Input and Output Leads



System	Viewing Angle Model Shape	Wattage	Length in Inches	Color Temperature	5" Input Wire Feed	5" Output Wire	Environment
FN	LRF7	2W	120	27K	E	L	W
FN Flex Neon 24V	LRF7 Left or Right side bend, Flat top view 0.7" x 0.75"	2W 2.5 watts per foot 5W 5 watts per foot 7W 7.5 watts per foot	6-480 (40ft max) 6-240 (20ft max) 6-144 (12ft max) †Static & Tunable White: 2.4" Increments Warm Dim: 3" increments	20K 2000K Candle Light White 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 2000K 30K 3000K Warm White 35K 3500K Neutral White 2K6K* Tunable White 2000K-6500K	T Top Power Input Wire E* End Power Input Wire L* Left Power Input Wire R Right Power Input Wire B* Bottom Power Input Wire	T Top Wire Lead Out E* End Wire Lead Out L* Left Wire Lead Out R Right Wire Lead Out B* Bottom 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

*Seamless indoor: E, L, B Only

PROJECT	FIXTURE TYPE	DATE
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FLEX NEON LRF7 BENDS LEFT/RIGHT 0.7" FLAT LENS

24VDC INDOOR / OUTDOOR 2.5W | 5W | 7.5W STATIC WHITE, WARM DIM & TUNABLE WHITE

REV 11.15.21

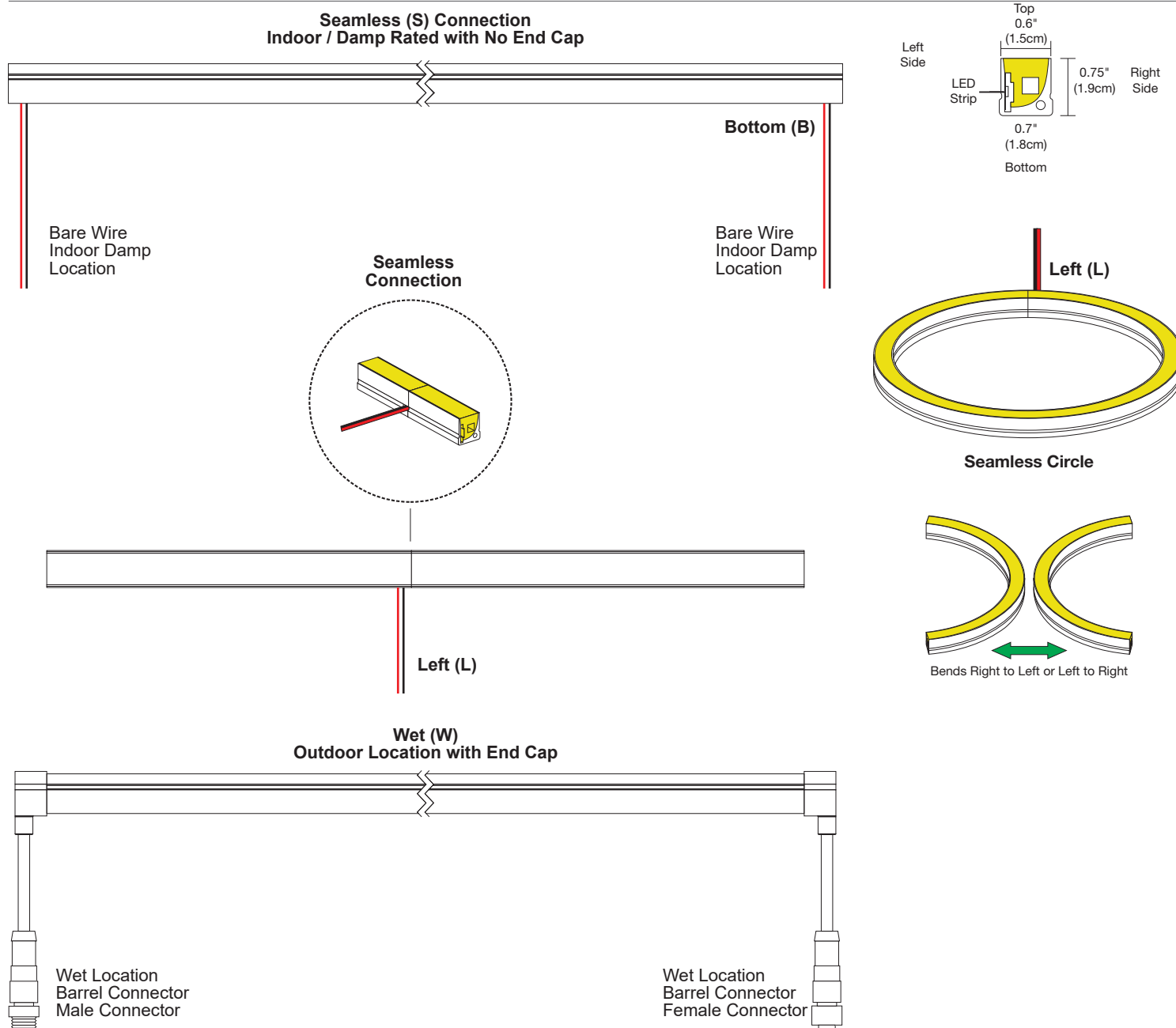
Lamp Data: Lamp Data for Flex Neon LRF7

	FN-LRF7																						
WATTS PER FOOT	2W (2.5 watts)								5W (5 watts)								7W (7.5 watts per ft)						
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	20K	22K	24K	24D*	27K	27D*	30K	35K	57K	22K	24K	27K	30K	35K	57K
LUMENS PER FOOT (lm/ft)	118	133	147	162	177	203	220	234	208	233	259	357	285	390	311	356	412	360	399	439	480	549	636
LUMENS PER WATT (lm/w)	47	53	59	65	71	81	88	94	47	53	59	74	65	81	71	81	94	49	55	60	66	75	87
CRI	92	92	92	93	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92

2K6K*																
WATTS PER FOOT	5w															
COLOR TEMPERATURE	20K		24K		27K		30K		35K		40K		57K		65K	
LUMENS PER FOOT (lm/ft)	203		226		259		269		279		276		273		272	
LUMENS PER WATT (lm/w)	39		42		58		58		59		60		61		62	
CRI	92		92		93		92		92		84		84		85	

*Tunable White has a variance in color temperature due to the curvature of the material.

Drawings: Dimensions for the Flex Neon LRF7



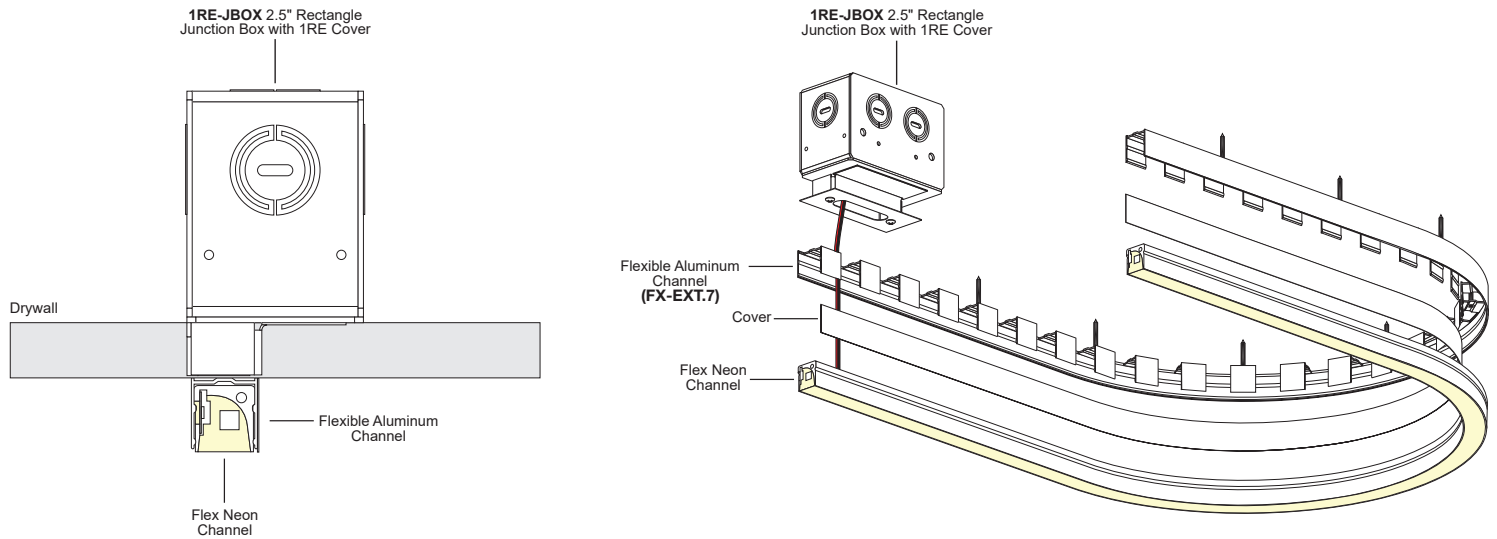
PROJECT		FIXTURE TYPE		DATE	
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FLEX NEON LRF7 BENDS LEFT/RIGHT 0.7" FLAT LENS

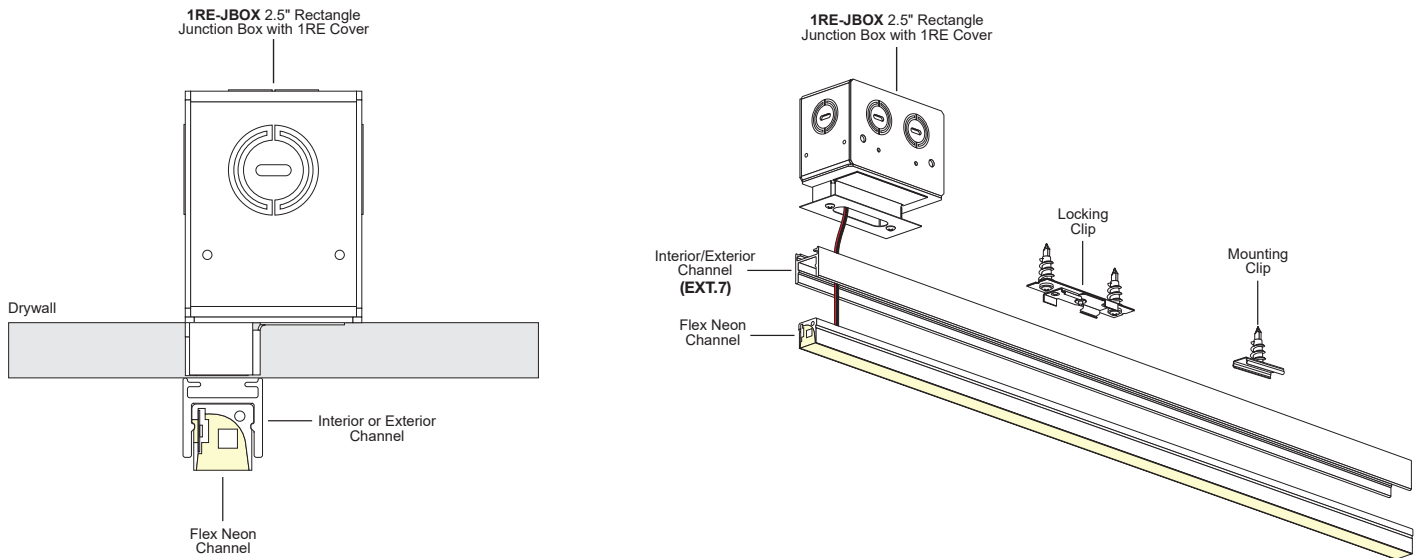
24VDC INDOOR / OUTDOOR 2.5W | 5W | 7.5W STATIC WHITE, WARM DIM & TUNABLE WHITE

REV 11.15.21

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



Drawings: Exploded View for Interior/Exterior Channel with 1RE J-box



PROJECT		FIXTURE TYPE		DATE	
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FLEX NEON LRF7 BENDS LEFT/RIGHT 0.7" FLAT LENS

24VDC INDOOR / OUTDOOR 2.5W | 5W | 7.5W STATIC WHITE, WARM DIM & TUNABLE WHITE

REV 11.15.21

LENGTH CHART Actual lengths for Flex Neon LRF7

LENGTH CHART - STATIC 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
3	3.15	99	99.15	195	195.15	291	291.15	387	387.15
5	5.55	101	101.55	197	197.55	293	293.55	389	389.55
8	7.95	104	103.95	200	199.95	296	295.95	392	391.95
10	10.35	106	106.35	202	202.35	298	298.35	394	394.35
12	12.75	108	108.75	204	204.75	300	300.75	396	396.75
15	15.15	111	111.15	207	207.15	303	303.15	399	399.15
17	17.55	113	113.55	209	209.55	305	305.55	401	401.55
20	19.95	116	115.95	212	211.95	308	307.95	404	403.95
22	22.35	118	118.35	214	214.35	310	310.35	406	406.35
24	24.75	120	120.75	216	216.75	312	312.75	408	408.75
27	27.15	123	123.15	219	219.15	315	315.15	411	411.15
29	29.55	125	125.55	221	221.55	317	317.55	413	413.55
32	31.95	128	127.95	224	223.95	320	319.95	416	415.95
34	34.35	130	130.35	226	226.35	322	322.35	418	418.35
36	36.75	132	132.75	228	228.75	324	324.75	420	420.75
39	39.15	135	135.15	231	231.15	327	327.15	423	423.15
41	41.55	137	137.55	233	233.55	329	329.55	425	425.55
44	43.95	140	139.95	236	235.95	332	331.95	428	427.95
46	46.35	142	142.35	238	238.35	334	334.35	430	430.35
48	48.75	144	144.75	240	240.75	336	336.75	432	432.75
51	51.15	147	147.15	243	243.15	339	339.15	435	435.15
53	53.55	149	149.55	245	245.55	341	341.55	437	437.55
56	55.95	152	151.95	248	247.95	344	343.95	440	439.95
58	58.35	154	154.35	250	250.35	346	346.35	442	442.35
60	60.75	156	156.75	252	252.75	348	348.75	444	444.75
63	63.15	159	159.15	255	255.15	351	351.15	447	447.15
65	65.55	161	161.55	257	257.55	353	353.55	449	449.55
68	67.95	164	163.95	260	259.95	356	355.95	452	451.95
70	70.35	166	166.35	262	262.35	358	358.35	454	454.35
72	72.75	168	168.75	264	264.75	360	360.75	456	456.75
75	75.15	171	171.15	267	267.15	363	363.15	459	459.15
77	77.55	173	173.55	269	269.55	365	365.55	461	461.55
80	79.95	176	175.95	272	271.95	368	367.95	464	463.95
82	82.35	178	178.35	274	274.35	370	370.35	466	466.35
84	84.75	180	180.75	276	276.75	372	372.75	468	468.75
87	87.15	183	183.15	279	279.15	375	375.15	471	471.15
89	89.55	185	185.55	281	281.55	377	377.55	473	473.55
92	91.95	188	187.95	284	283.95	380	379.95	476	475.95
94	94.35	190	190.35	286	286.35	382	382.35	478	478.35
96	96.75	192	192.75	288	288.75	384	384.75	480	480.75

PROJECT		FIXTURE TYPE		DATE	
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FLEX NEON LRF7 BENDS LEFT/RIGHT 0.7" FLAT LENS

24VDC INDOOR / OUTDOOR 2.5W | 5W | 7.5W STATIC WHITE, WARM DIM & TUNABLE WHITE

REV 11.15.21

LENGTH CHART Actual lengths for Flex Neon LRF7

LENGTH CHART - WARM DIM

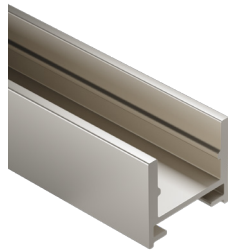
Ordering Code (Nominal Size)	Actual Length	Ordering Code (Nominal Size)	Actual Length	Ordering Code (Nominal Size)	Actual Length	Ordering Code (Nominal Size)	Actual Length
3	3.75	123	123.75	243	243.75	363	363.75
6	6.75	126	126.75	246	246.75	366	366.75
9	9.75	129	129.75	249	249.75	369	369.75
12	12.75	132	132.75	252	252.75	372	372.75
15	15.75	135	135.75	255	255.75	375	375.75
18	18.75	138	138.75	258	258.75	378	378.75
21	21.75	141	141.75	261	261.75	381	381.75
24	24.75	144	144.75	264	264.75	384	384.75
27	27.75	147	147.75	267	267.75	387	387.75
30	30.75	150	150.75	270	270.75	390	390.75
33	33.75	153	153.75	273	273.75	393	393.75
36	36.75	156	156.75	276	276.75	396	396.75
39	39.75	159	159.75	279	279.75	399	399.75
42	42.75	162	162.75	282	282.75	402	402.75
45	45.75	165	165.75	285	285.75	405	405.75
48	48.75	168	168.75	288	288.75	408	408.75
51	51.75	171	171.75	291	291.75	411	411.75
54	54.75	174	174.75	294	294.75	414	414.75
57	57.75	177	177.75	297	297.75	417	417.75
60	60.75	180	180.75	300	300.75	420	420.75
63	63.75	183	183.75	303	303.75	423	423.75
66	66.75	186	186.75	306	306.75	426	426.75
69	69.75	189	189.75	309	309.75	429	429.75
72	72.75	192	192.75	312	312.75	432	432.75
75	75.75	195	195.75	315	315.75	435	435.75
78	78.75	198	198.75	318	318.75	438	438.75
81	81.75	201	201.75	321	321.75	441	441.75
84	84.75	204	204.75	324	324.75	444	444.75
87	87.75	207	207.75	327	327.75	447	447.75
90	90.75	210	210.75	330	330.75	450	450.75
93	93.75	213	213.75	333	333.75	453	453.75
96	96.75	216	216.75	336	336.75	456	456.75
99	99.75	219	219.75	339	339.75	459	459.75
102	102.75	222	222.75	342	342.75	462	462.75
105	105.75	225	225.75	345	345.75	465	465.75
108	108.75	228	228.75	348	348.75	468	468.75
111	111.75	231	231.75	351	351.75	471	471.75
114	114.75	234	234.75	354	354.75	474	474.75
117	117.75	237	237.75	357	357.75	477	477.75
120	120.75	240	240.75	360	360.75	480	480.75

FLEX NEON OUTDOOR ACCESSORIES

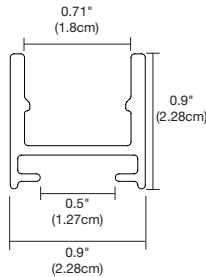
24VDC INDOOR / OUTDOOR 2.5W | 5W | 7.5W STATIC WHITE, WARM DIM & TUNABLE WHITE

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.



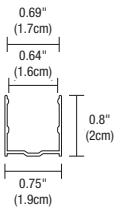
EXT.7 Light Channel



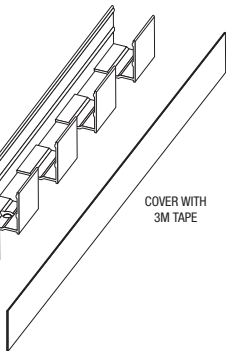
Product	Length	Finish
EXT.7	10FT	SA
EXT.7 Extrusion 0.7" Wide	4FT 4 Feet 5FT 5 Feet 8FT 8 Feet 10FT 10 Feet	SA Satin Aluminum WH White

FLEXIBLE ALUMINUM CHANNEL

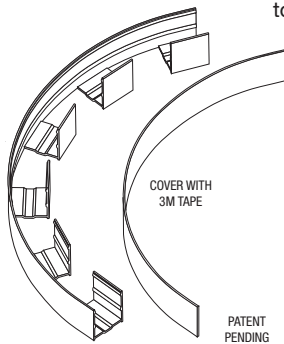
Flexible aluminum channel is designed to work specifically with Flex Neon for practical and professional mounting. The channel can make large radius 90° turns, perfect circles and sweeping bends that follow the form of architectural details, soffits, signage and more - consider using this channel to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



FLEXIBLE ALUMINUM CHANNEL



FLEXIBLE ALUMINUM CHANNEL

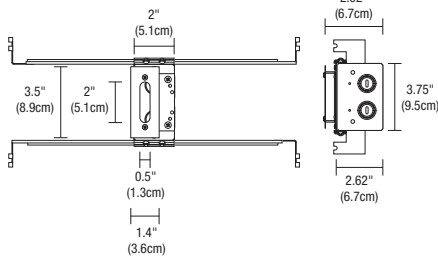


Product	Length	Finish
FX-EXT.7	4FT	WH
FX-EXT.7 Flexible Extrusion 0.7" Wide	4FT 4 Feet	BK Black WH White

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



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



FLEX NEON OUTDOOR ACCESSORIES

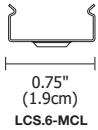
24VDC INDOOR / OUTDOOR 2.5W | 5W | 7.5W STATIC WHITE, WARM DIM & TUNABLE WHITE



REV 11.15.21



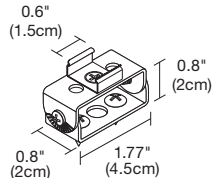
LCS.6-MCL



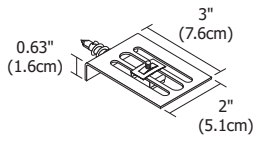
LCS.6-MCL



LCS.6-MCL-075



LCS.6-MCL-075



LCS.6-MCL-90

MOUNTING CLIPS

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	075
LCS.6 Flex Neon Left Right 0.6"	MCL Mounting Clip	Standard, Leave Blank Adjust 0-75° 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

DIRECT BURIAL LOCATION CABLE ORDER PER FOOT

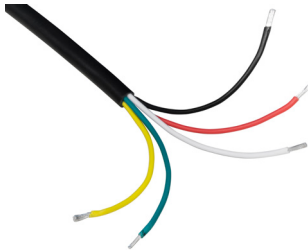
Our Direct Burial, 2 Conductor Plus ground, 12 Gauge Cable is a durable and adaptable cable suitable for transmitting power, control, and switching in outdoor wet and in ground environments. Keep within 60 ft between fixture and power supply. Cable sold by the foot, simply specify the length needed by the foot.



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. Cable sold by the foot, simply specify the length needed by the foot. Keep within 50 ft between fixture and power supply. Cable sold by the foot, simply specify the length needed by the foot.



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

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

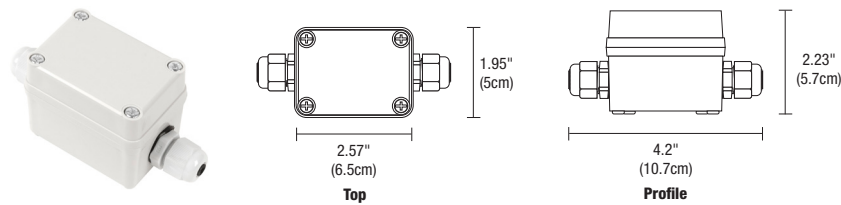
24VDC INDOOR / OUTDOOR 2.5W | 5W | 7.5W STATIC WHITE, WARM DIM & TUNABLE WHITE



REV 11.15.21

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

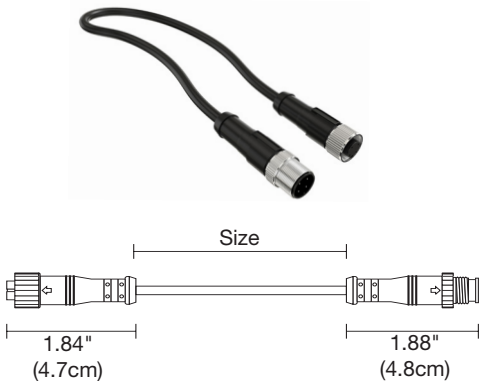
This watertight, multi-fixture Junction Box is especially designed for lighting in wet and damp locations. It is versatile, rugged and simple to install. The Junction Box comes standard with a 6" Flexible Cable providing easy, safe, and reliable connections for 24V low voltage luminaires. This box is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



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	W Wet Location

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.



Product	Type	Size	Option
SS	CFX	12IN	W
SS Soft Strip and Flex Neon	CFX Flexible 4 Wire Connector	12IN 12" 96IN 96"	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.



Product	Type	Option
SS	TC	W
SS Soft Strip and Flex Neon	TC T-Connector 4 Wire	W Wet Location

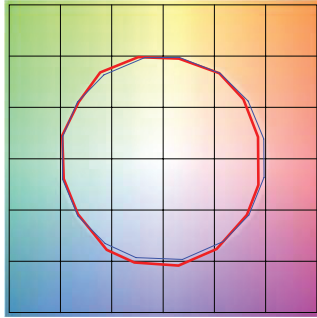
LED STRIP TM30 DATA

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.

2200K | Rf: 90.5 | Rg: 99.9

Color Vector Graphic

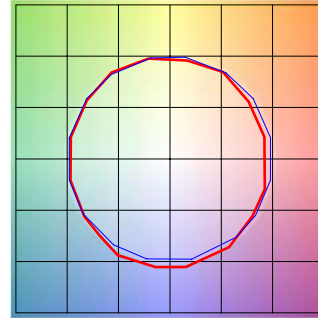


■ Test ■ Reference

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

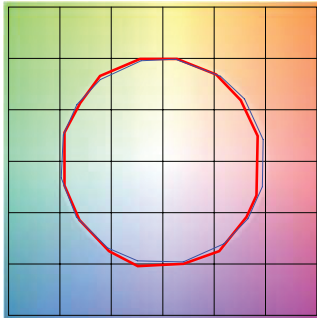


■ Test ■ Reference

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

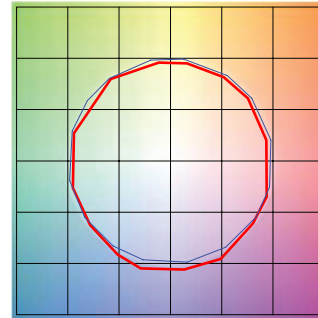


■ Test ■ Reference

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

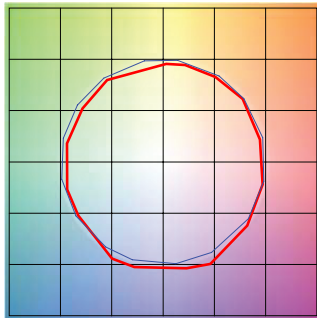


■ Test ■ Reference

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

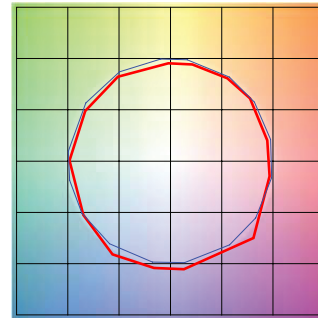


■ Test ■ Reference

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%

5700K | Rf: 87.6 | Rg: 98.0

Color Vector Graphic



■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	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%

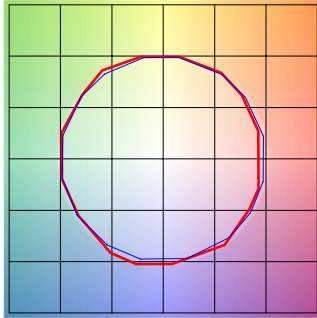
LED STRIP TM30 DATA

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

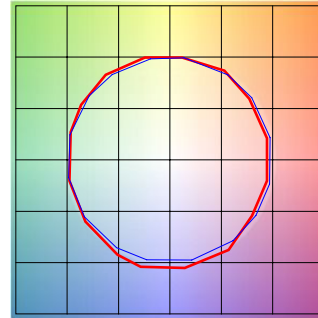


■ Test ■ Reference

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

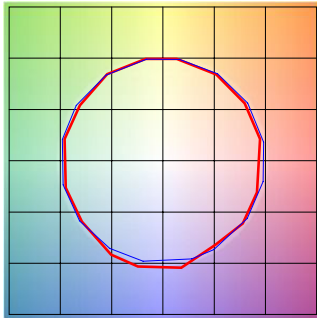


■ Test ■ Reference

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

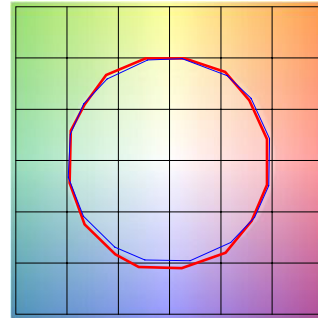


■ Test ■ Reference

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

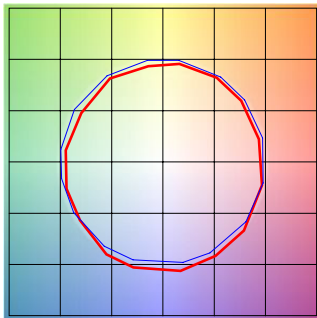


■ Test ■ Reference

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%