

RESOURCE GUIDE - BUILDING A FIXTURE

STRIP - DYNAMIC COLOR - RGBW24/6.0

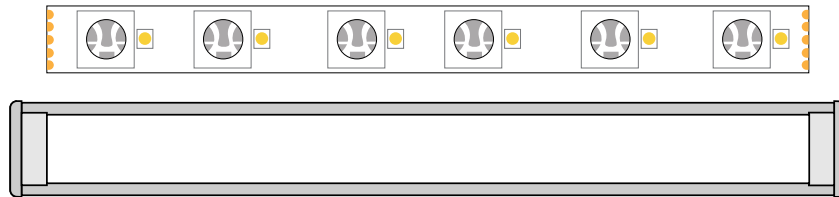


BUILDING A FIXTURE

- 1 Fill out the ordering code on the STRIP cutsheet, choosing "MATCH" for ILLUMINATED LENGTH (IN).

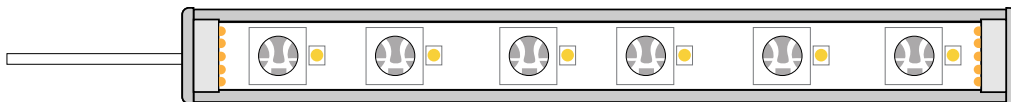
V/WATTS	RATED	CCT - LUMENS/CRI	CONNECTOR/ WIRE IN	CONNECTOR/ WIRE OUT	ILLUMINATED LENGTH (IN)
RGBW24/6.0	DRY	RGBW-27	BW	CLS	MATCH

The strip you just created will now be *fitted* and installed into an extrusion. The strip and extrusion will not be equal in length; the strip will stop just short of the extrusion's endcaps.



- 2 Fill out the ordering code for the EXTRUSION cutsheet and choose a non-encapsulated lens (Clear, Frosted, Polar, or Diffused).

PRODUCT	FINISH	MOUNTING	LENS	TYPE	FINISHED FIXTURE LENGTH (IN)
ARKA	ST	SST	CL	S1	12"



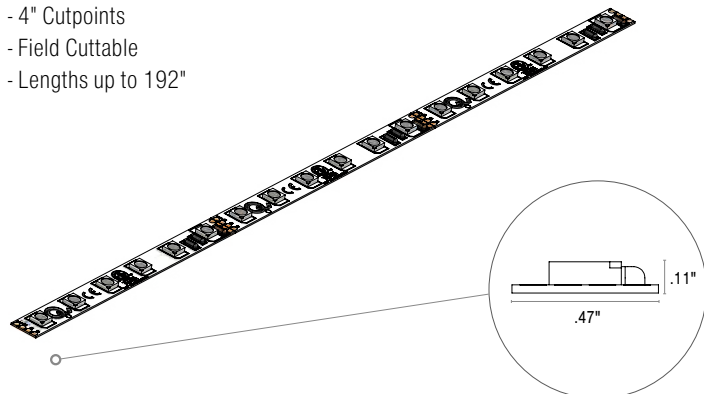
RESOURCE GUIDE - LINEAR & EXTRUSION STRIP - DYNAMIC COLOR - RGBW24/6.0



RATED

DRY

- 4" Cutpoints
- Field Cuttable
- Lengths up to 192"

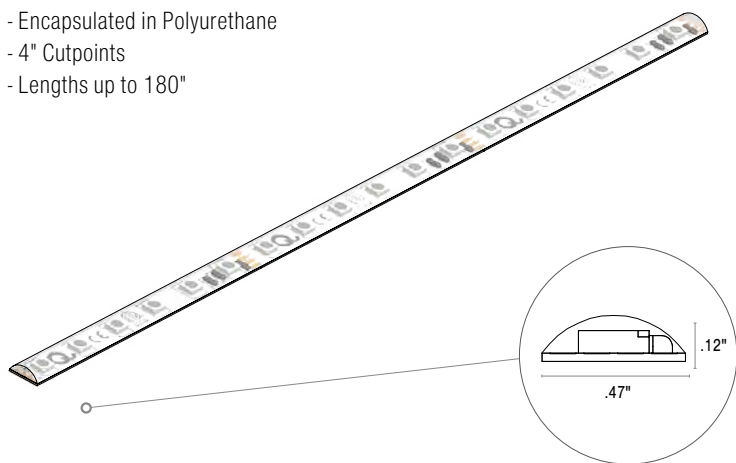


COMPATIBLE EXTRUSIONS



DAMP

- Encapsulated in Polyurethane
- 4" Cutpoints
- Lengths up to 180"

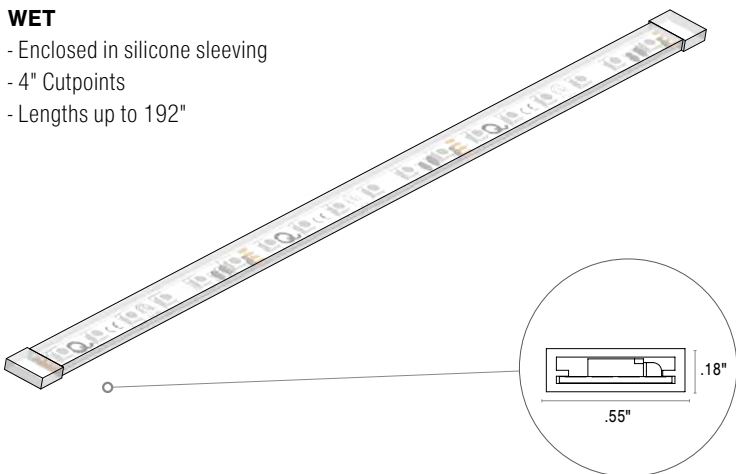


COMPATIBLE EXTRUSIONS



WET

- Enclosed in silicone sleeving
- 4" Cutpoints
- Lengths up to 192"



COMPATIBLE EXTRUSIONS



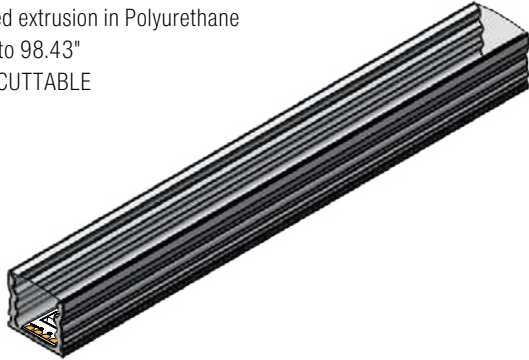
RESOURCE GUIDE - LINEAR & EXTRUSION STRIP - DYNAMIC COLOR - RGBW24/6.0



RATED

ENC

- Encapsulated extrusion in Polyurethane
- Lengths up to 98.43"
- NOT FIELD CUTTABLE



COMPATIBLE EXTRUSIONS:



RESOURCE GUIDE - COLOR DATA

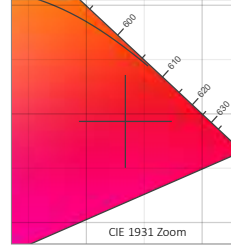
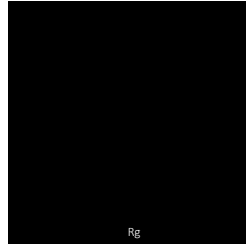
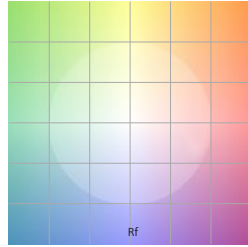
STRIP - DYNAMIC COLOR - RGBW24/6.0



RED



CRI: 0.0
CRI R9: 0.0
TM30 Rf: 0.0
TM30 Rg: 0.0
CQS: 0.0
X: 0.634
Y: 0.293
U: 0.483
V: 0.335
Δuv: n/a



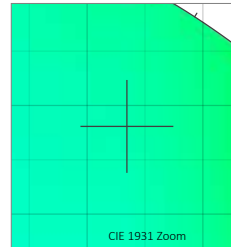
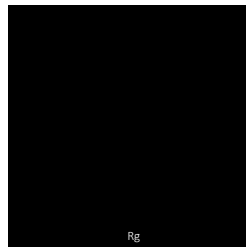
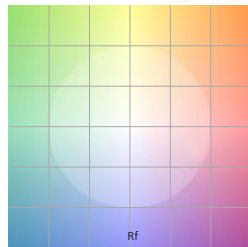
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TM30			
Hue Bin	R _f	Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%

GREEN



CRI: 0.0
CRI R9: 0.0
TM30 Rf: 0.0
TM30 Rg: 0.0
CQS: 0.0
X: 0.134
Y: 0.681
U: 0.049
V: 0.375
Δuv: n/a



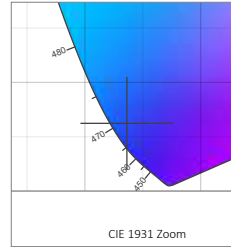
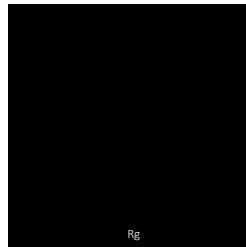
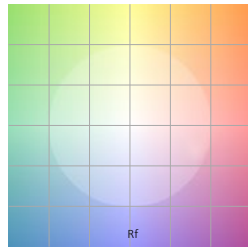
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TM30			
Hue Bin	R _f	Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%

BLUE



CRI: 0.0
CRI R9: 0.0
TM30 Rf: 0.0
TM30 Rg: 0.0
CQS: 0.0
X: 0.136
Y: 0.062
U: 0.157
V: 0.108
Δuv: n/a



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TM30			
Hue Bin	R _f	Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%

NOTES:

- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

RESOURCE GUIDE - COLOR DATA

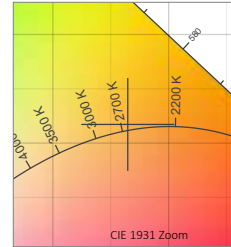
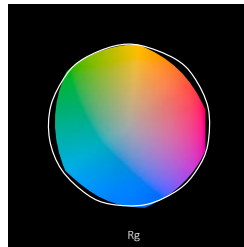
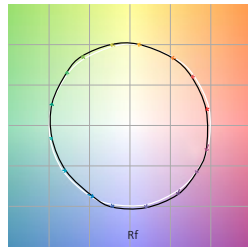
STRIP - DYNAMIC COLOR - RGBW24/6.0



2700K

2687 K

CRI: 92.9
 CRI R9: 67.0
 TM30 Rf: 91.7
 TM30 Rg: 100.4
 CQS: 90.7
 X: 0.465
 Y: 0.417
 U: 0.263
 V: 0.354
 Δuv: 0.0020



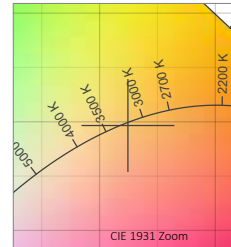
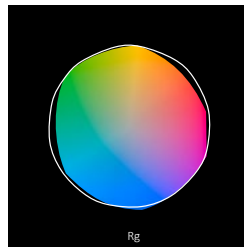
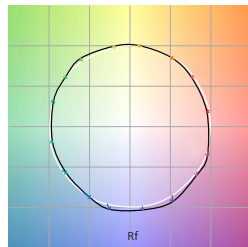
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
93.7	94.4	92.8	94.9	92.3	92.8	95.3	86.6	67.0	84.9	95.2	79.9	93.7	94.8	90.1	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
88.8	95.9	88.6	89.4	90.4	89.0	89.9	93.5	95.2	92.7	91.6	92.6	93.3	87.9	88.2	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91.6	92.9	89.1	92.0	93.5	92.8	92.7	95.2	94.6	92.3	88.6	89.5	92.7	90.2	91.8	88.5

TM30			
Hue Bin	R _f	Chroma	Hue
1	92	-4%	-1%
2	93	-3%	2%
3	89	-1%	5%
4	92	1%	4%
5	93	3%	4%
6	93	4%	1%
7	93	2%	-3%
8	95	0%	-3%
9	95	-2%	-1%
10	92	-3%	3%
11	89	-1%	7%
12	90	3%	3%
13	93	4%	-2%
14	90	4%	-5%
15	92	1%	-4%
16	89	-1%	-8%

3000K

3163 K

CRI: 93.6
 CRI R9: 74.2
 TM30 Rf: 90.6
 TM30 Rg: 101.7
 CQS: 90.8
 X: 0.424
 Y: 0.397
 U: 0.246
 V: 0.344
 Δuv: -0.0012



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
95.0	95.3	93.1	94.4	93.6	92.8	95.3	89.7	74.2	86.7	93.8	76.8	95.0	95.2	93.3	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
92.4	97.7	84.9	86.1	90.7	90.7	88.8	92.8	95.8	91.6	91.6	92.8	94.1	91.2	91.4	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.6	93.3	87.7	91.3	91.8	92.5	93.5	95.5	94.3	86.9	83.5	88.3	92.9	89.0	90.5	86.1

TM30			
Hue Bin	R _f	Chroma	Hue
1	93	-3%	-1%
2	93	-3%	2%
3	88	-1%	6%
4	91	1%	4%
5	92	1%	3%
6	93	4%	0%
7	94	0%	-3%
8	96	-1%	-2%
9	94	-2%	1%
10	87	-3%	6%
11	84	0%	10%
12	88	6%	4%
13	93	4%	-1%
14	89	7%	-4%
15	91	2%	-5%
16	86	1%	-10%

NOTES:

- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

RESOURCE GUIDE - CONNECTORS/WIRE

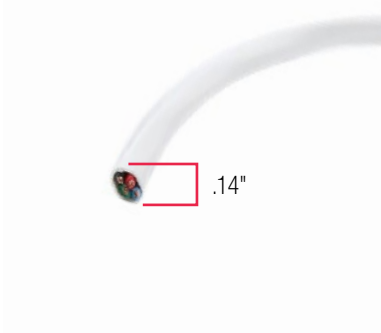
STRIP - DYNAMIC COLOR - RGBW24/6.0



CONNECTORS/WIRE

BARE WIRE

- Belden Wire
- Outdoor rated
- 24" Standard length



RESOURCE GUIDE - LUMEN MULTIPLIER STRIP IN EXTRUSION



FINISH

ST Satin finish **BK** Black finish **BZ** Bronze finish

LENS **CL** Clear **FR** Frosted **PR** Polar **DF** Diffused



ENC/CL Encapsulated in Clear

ENC/TL Encapsulated in Translucent

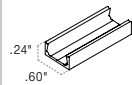
LUMEN MULTIPLIER FORMULA

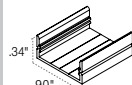
Bare LED Lumens x Extrusion Finish/Lens Value

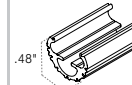
Example:

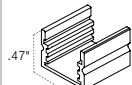
$$99 \text{ lm/ft} \times 0.95 = 94.05 \text{ lm/ft}$$

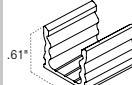
RGBW/6.0 at 3000K x ARKA Extrusion in Black with FR Lens

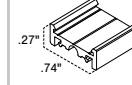
SLIM	Lens	Finish		
		Satin	Black	Bronze
		(ST)	(BK)	(BZ)
 .24" .60"	CL	0.91	0.83	Not Available
	DF	0.74	0.62	Available


WIDE	Lens	Finish		
		Satin	Black	Bronze
		(ST)	(BK)	(BZ)
 .34" .90"	CL	0.91	0.83	0.83
	PR	0.85	0.77	0.77
	DF	0.78	0.63	0.63

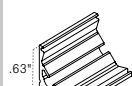
ROND	Lens	Finish		
		Satin	Black	Bronze
		(ST)	(BK)	(BZ)
 .48" .62"	CL	0.85	**	Not Available
	FR	0.80	**	Not Available
	DF	0.57	**	Available

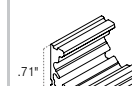
VEGA	Lens	Finish		
		Satin	Black	Bronze
		(ST)	(BK)	(BZ)
 .47" .61"	CL	1.00	Not Available	Not Available
	DF	0.74	0.62	Available


TORQ	Lens	Finish		
		Satin	Black	Bronze
		(ST)	(BK)	(BZ)
 .61" .70"	CL	0.87	0.80	0.80
	FR	0.73	0.75	0.75
	PR	0.71	0.73	0.73
	DF	0.61	0.39	0.39
	ENC/CL	0.65	0.80	0.80
ENC/TL	0.56	0.60	0.60	

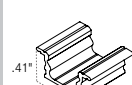
TRE3	Lens	Finish		
		Satin	Black	Bronze
		(ST)	(BK)	(BZ)
 .27" .74"	DF	0.81	Not Available	Not Available
	FR	0.80	**	Not Available

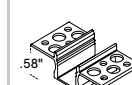
ARKA	Lens	Finish		
		Satin	Black	Bronze
		(ST)	(BK)	(BZ)
 .63" .63"	CL	0.97	0.96	0.96
	FR	0.93	0.95	0.95
	PR	0.90	0.92	0.92
	DF	0.82	0.69	0.69

TELA	Lens	Finish		
		Satin	Black	Bronze
		(ST)	(BK)	(BZ)
 .63" .63"	CL	0.87	0.86	0.86
	PR	0.88	0.88	0.88
	DF	0.82	0.81	0.81

VEVE	Lens	Finish		
		Satin	Black	Bronze
		(ST)	(BK)	(BZ)
 .71" .71"	CL	0.90	0.76	Not Available
	FR	0.81	0.67	Not Available
	PR	0.81	0.64	Available
	DF	0.72	0.50	Available

FLUR	Lens	Finish		
		Satin	Black	Bronze
		(ST)	(BK)	(BZ)
 .75" .70"	CL	0.83	0.60	Not Available
	FR	0.66	0.48	Not Available
	PR	0.62	0.42	Not Available
	DF	0.53	0.30	Available
	ENC/CL	0.64	0.47	Available
ENC/TL	0.49	0.36	Available	

LATO	Lens	Finish		
		Satin	Black	Bronze
		(ST)	(BK)	(BZ)
 .41" .70"	CL	0.91	0.74	0.74
	FR	0.81	0.66	0.66
	PR	0.81	0.64	0.64
	DF	0.71	0.50	0.50
	ENC/CL	0.78	0.71	0.71
ENC/TL	0.64	0.48	0.48	

MDIN	Lens	Finish		
		Satin	Black	Bronze
		(ST)	(BK)	(BZ)
 .58" 1.98"	DF	0.56	Not Available	Not Available
	FR	0.80	**	Not Available

NOTES: • Data subject to change, all data has +/- 5% tolerance

ACCESSORIES

STRIP RGBW24/6.0



MOUNTING

iQ-STRAP-10* QTY	iQ-CLIP-SS10 QTY	iQ-CLIP-SS12 QTY	iQ-CLIP-PL QTY	iQ-VHB-STD QTY	iQ-VHB-CON QTY
Sold: In packs of 10	Sold: Individually	Sold: Individually	Sold: Individually	Sold: In feet	Sold: In feet
Rubber Strap Fits DRY, DMP, WET	Metal Clip Fits DMP, WET	Metal Clip Fits DMP	Rubber Clip Fits DMP, WET	Adhere LED to smooth surface including extrusion	Adhere LED to concrete surface

*1 strap included with every 1 ft. of bare LED

KITS & WIRE

- iQ-LEAD-18-KIT** Includes (1) 18" Dry lead wire, (1) 1" heat shrink tubing, (1) 1/2" heat shrink tubing, (1) 6" solder
- iQ-JUMP-6-KIT** Includes (1) 6" Dry lead wire, (2) 1" heat shrink tubing, (2) 1/2" heat shrink tubing, (1) 6" solder
- iQ-LEAD-67-KIT** Includes (1) 18" lead wire, (1) 6" solder, (1) lead wire end cap, (1) end cap
- iQ-JUMP-67-KIT** Includes (1) 16" lead wire, (1) 6" solder, (2) lead wire end cap

iQ-LEAD-18-KIT	QTY	Sold individually
iQ-JUMP-6-KIT	QTY	Sold individually
iQ-LEAD-67-KIT	QTY	Sold individually
iQ-JUMP-67-KIT	QTY	Sold individually

PROJECT NAME	DATE	COMPANY	TYPE	NOTE