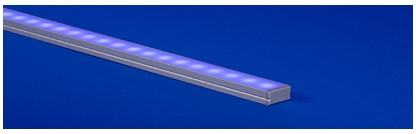
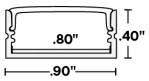
ESSENTIALS WIDE-FLAT (01) RGBW

24VDC Linear Fixtures - Surface





- Wide, low-profile fixture for surface mount applications
- Choose from diffused, polar, or frosted lens options for varying diode visibility and beam angles
- Mounting options include stainless steel or plastic clip
- Features painted end caps to match extrusion finish
- Side, back, and end feed wiring configurations available
- Can be suitable for exterior use when specified as wet, contact factory for more information
- Red, Green, and Blue LED paired with a specifiable white LED allow for color changing applications

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1 PRODUCT	2 WATTS/ FT	3 CCT	4 RATED	5 EFFICIENCY	6 LENS
WE1RGBW				STD	

ADDITIONAL INFORMATION REQUIRED TO ORDER

7 WIRE INPUT/ OUTPUT	8 CONNECTOR/ WIRE IN	9 CONNECTOR/ WIRE OUT	10 WIRE COLOR	11 WIRE TYPE	12 MOUNTING	13 FINISH	14 LENGTH (IN)	15 EXACT/ OPTIMAL

Sample Part Number: **WE1RGBW-6.0-30-DRY-STD-DF-P1-BW-BW-BK-CL2-SST-BK-48"-E**

1 PRODUCT

WE1RGBW

See following pages for compatible power supplies.

2 WATTS/FT

6.0	6.0W/ft
4.0HE	4.0W/ft HE

3 CCT

27	RGBW-2700K
30	RGBW-3000K

27	RGBW-2700K
30	RGBW-3000K
35	RGBW-3500K
40	RGBW-4000K

4 RATED

DRY	IP20
DMP	IP54
WET	IP67

Can be suitable for exterior use, contact factory for more information

5 EFFICIENCY

STD	Standard

6 LENS

DF	Diffused
PR	Polar
FR	Frosted

For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages

7 WIRE INPUT/OUTPUT

SINGLE (Input only)

S1	End Feed
S2	Bottom Feed
S3	Left Side Feed
S4	Right Side Feed

PASS THROUGH (Input/output)

P1	End Feed
P2	Bottom Feed
P3	Left Side Feed
P4	Right Side Feed

For continuous mounting, consider bottom or side feed

8 CONNECTOR/WIRE IN

BW	Bare Wire (Standard 24")
CON6	Connector 6"
CON24	Connector 24"

BW	Bare Wire (Standard 24")
CON6	Connector 6"
CON24	Connector 24"

BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

9 CONNECTOR/WIRE OUT

CLS	Closed End (No feed)

BW	Bare Wire (Standard 24")
CON6	Connector 6"
CON24	Connector 24"

BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

10 WIRE COLOR

WH	White
BK	Black

11 WIRE TYPE

CL2	Class 2
CL2P	Plenum Rated

CL2P only available with bare wire leads (BW)

12 MOUNTING

SST	Stainless Steel
PL	Plastic Clip

13 FINISH

ST	Satin
BK	Black
BZ	Bronze
CU	Custom

Custom finishes require a longer lead time, consult factory

14 LENGTH (IN)

Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".

15 EXACT/OPTIMAL

O	Optimal Illumination
E	Exact Specified Length

Exact fixtures are the exact length specified +0 -1/8". Optimal fixtures' length is rounded down with illumination end to end. See Exact/Optimal Fixture Length charts.

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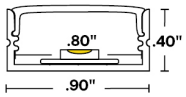
Specification subject to change. Rev-10-05-26

5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance

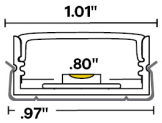
ESSENTIALS WIDE-FLAT (01) RGBW

24VDC Linear Fixtures - Surface

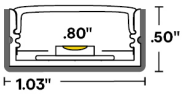
1 PRODUCT - DIMENSIONS



Profile with flat lens



Profile with stainless steel mounting clip



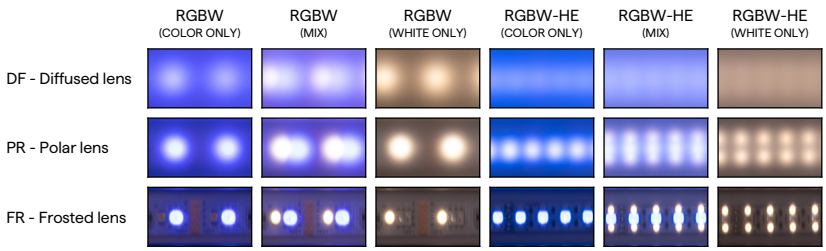
Profile with plastic mounting clip

2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]
Tested with WE1RGBW-**-30-DRY-STD

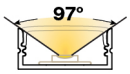
	6.0 W/FT								4.0HE W/FT							
	Red		Green		Blue		3000K		Red		Green		Blue		3000K	
	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	CRI	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	CRI
FR	40	631	107	513	32	464	137	93	35	629	134	516	29	465	82	97
PR	39	631	103	513	31	464	132	93	34	629	129	516	28	465	79	97
DF	35	631	94	513	28	464	120	93	31	629	117	516	25	465	72	97

6 DIODE VISIBILITY



PHOTOMETRIC PERFORMANCE

Nominal beam spread shown, beam spread varies based on light engine. For more detailed information, see photometric data.



97°

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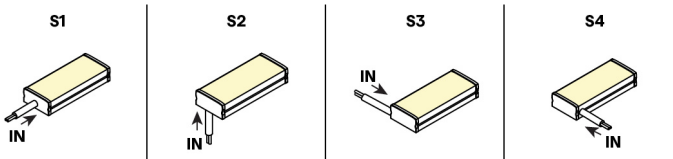
Specification subject to change. Rev-10-05-26

ESSENTIALS WIDE-FLAT (01) RGBW

24VDC Linear Fixtures - Surface

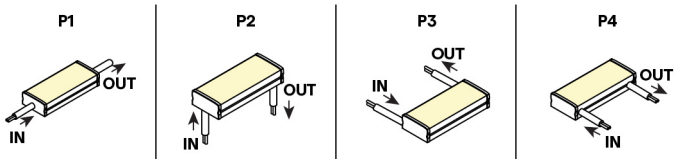
7 WIRE INPUT/OUTPUT

SINGLE (Input only)



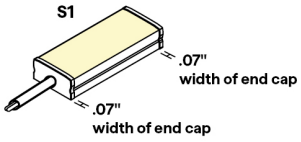
End Feed | Bottom Feed | Side Feed - Left | Side Feed - Right

PASS THROUGH (Input/Output)

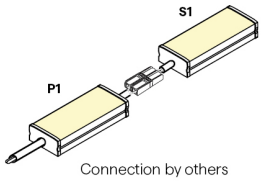


End Feed | Bottom Feed | Side Feed - Left | Side Feed - Right

CONFIGURATION OPTIONS

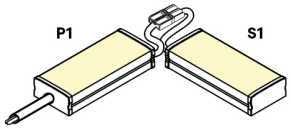


Single End Feed



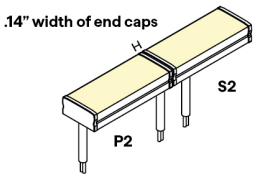
Connection by others

Non-Continuous End Feed

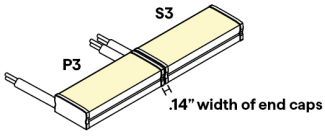


Connection by others

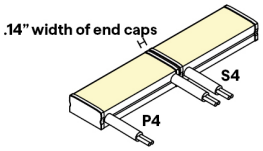
Non-Continuous Corner Feed



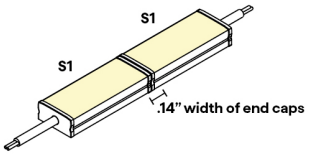
Continuous Bottom Feed



Continuous Side Feed - Left



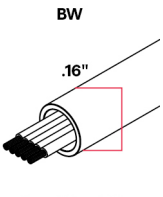
Continuous Side Feed - Right



Continuous End to End Feed

8/9 CONNECTOR/WIRE – IN/OUT

Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out

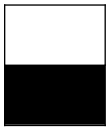


Bare Wire 24"
22 AWG



6" or 24" Overall
Wire Connector | 24 AWG
IP67 Rated, UL Listed

10 WIRE COLOR



White

Black

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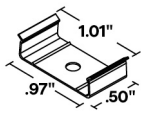
Specification subject to change. Rev-10-05-26

ESSENTIALS WIDE-FLAT (01) RGBW

24VDC Linear Fixtures - Surface

12 MOUNTING

SST



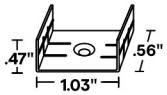
Stainless Steel Clip

2 clips provided for 4' or less; 4 clips provided for greater than 4'

To order separately use SST-09

Each clip comes with a #4 x 5/8" Flat Head SS

PL



Plastic Clip

Black clip standard with black extrusion

2 clips provided for 4' or less; 4 clips provided for greater than 4'

To order separately use PLC-03

Each clip comes with a #4 x 5/8" Flat Head SS

13 FINISH



Satin

Black

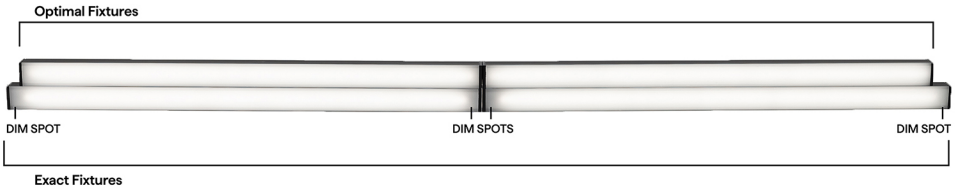
Bronze

Custom finishes require a longer lead time, consult factory

14 EXACT/OPTIMAL FIXTURE LENGTH

E/O Length Calculator → E/O Explained →

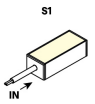
Exact fixtures are the exact length specified +0 -1/8". Optimal fixtures' length is rounded down based on LED cut points to allow the fixture to be illuminated end to end. For runs with multiple fixtures that need to fill a specific length, it's recommended to order all optimal fixtures with an exact fixture at the end of the run.



RGBW-HE DRY DMP LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture
12"	1"
13"	0.5"
14"	1"
15"	0.5"
16"	1"
17"	0.5"
18"	1"
19"	0.5"
20"	1"
21"	0.5"
22"	1"
23"	0.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"



OPTIMAL LENGTH

Requested Nominal Length	S1 & S2		P1 & P2		S3 & S4		P3 & P4	
	S1 End Feed	S2 Bottom Feed	P1 End Feed	P2 Bottom Feed	S3 Side Feed - Left	S4 Side Feed - Right	P3 Side Feed - Left	P4 Side Feed - Right
12"	10.51"		10.86"		10.41"		10.51"	
13"	12.51"		12.86"		12.41"		12.51"	
14"	12.51"		12.86"		12.41"		12.51"	
15"	14.51"		14.86"		14.41"		14.51"	
16"	14.51"		14.86"		14.41"		14.51"	
17"	16.51"		16.86"		16.41"		16.51"	
18"	16.51"		16.86"		16.41"		16.51"	
19"	18.51"		18.86"		18.41"		18.51"	
20"	18.51"		18.86"		18.41"		18.51"	
21"	20.51"		20.86"		20.41"		20.51"	
22"	20.51"		20.86"		20.41"		20.51"	
23"	22.51"		22.86"		22.41"		22.51"	
24"	22.51"		22.86"		22.41"		22.51"	
36"	34.51"		34.86"		34.41"		34.51"	
48"	46.51"		46.86"		46.41"		46.51"	
60"	58.51"		58.86"		58.41"		58.51"	
72"	70.51"		70.86"		70.41"		70.51"	
84"	82.51"		82.86"		82.41"		82.51"	
96"	94.51"		94.86"		94.41"		94.51"	

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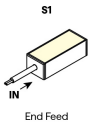
Specification subject to change. Rev-10-05-26

ESSENTIALS WIDE-FLAT (01) RGBW

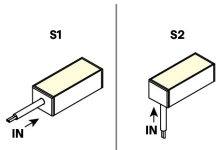
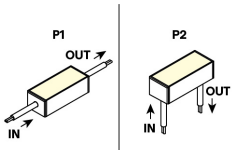
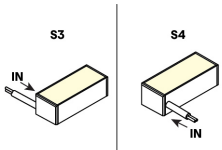
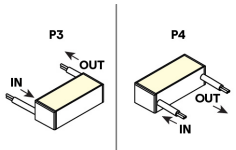
24VDC Linear Fixtures - Surface

RGBW-HE WET LENGTHS BY INCH

EXACT LENGTH

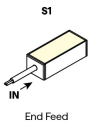
Requested Length	Potential dim spot on either end of a S1 fixture 
12"	1"
13"	0.5"
14"	1"
15"	0.5"
16"	1"
17"	0.5"
18"	1"
19"	0.5"
20"	1"
21"	0.5"
22"	1"
23"	0.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

OPTIMAL LENGTH

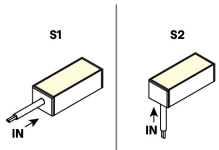
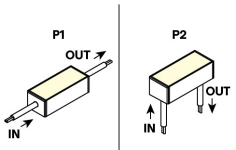
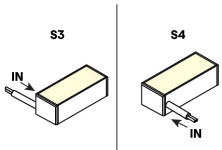
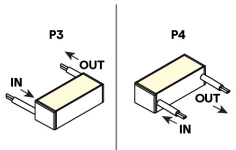
Requested Nominal Length	S1 & S2 	P1 & P2 	S3 & S4 	P3 & P4 
12"	10.66"	11.06"	10.56"	10.76"
13"	12.66"	11.06"	12.56"	12.76"
14"	12.66"	13.06"	12.56"	12.76"
15"	14.66"	13.06"	14.56"	14.76"
16"	14.66"	15.06"	14.56"	14.76"
17"	16.66"	15.06"	16.56"	16.76"
18"	16.66"	17.06"	16.56"	16.76"
19"	18.66"	17.06"	18.56"	18.76"
20"	18.66"	19.06"	18.56"	18.76"
21"	20.66"	19.06"	20.56"	20.76"
22"	20.66"	21.06"	20.56"	20.76"
23"	22.66"	21.06"	22.56"	22.76"
24"	22.66"	23.06"	22.56"	22.76"
36"	34.66"	35.06"	34.56"	34.76"
48"	46.66"	47.06"	46.56"	46.76"
60"	58.66"	59.06"	58.56"	58.76"
72"	70.66"	71.06"	70.56"	70.76"
84"	82.66"	83.06"	82.56"	82.76"
96"	94.66"	95.06"	94.56"	94.76"

RGBW DRY DMP LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture 
12"	2"
13"	0.5"
14"	1"
15"	1.5"
16"	2"
17"	0.5"
18"	1"
19"	1.5"
20"	2"
21"	0.5"
22"	1"
23"	1.5"
24"	2"
36"	2"
48"	2"
60"	2"
72"	2"
84"	2"
96"	2"

OPTIMAL LENGTH

Requested Nominal Length	S1 & S2 	P1 & P2 	S3 & S4 	P3 & P4 
12"	8.51"	8.86"	8.41"	8.51"
13"	12.51"	12.86"	12.41"	12.51"
14"	12.51"	12.86"	12.41"	12.51"
15"	12.51"	12.86"	12.41"	12.51"
16"	12.51"	12.86"	12.41"	12.51"
17"	16.51"	16.86"	16.41"	16.51"
18"	16.51"	16.86"	16.41"	16.51"
19"	16.51"	16.86"	16.41"	16.51"
20"	16.51"	16.86"	16.41"	16.51"
21"	20.51"	20.86"	20.41"	20.51"
22"	20.51"	20.86"	20.41"	20.51"
23"	20.51"	20.86"	20.41"	20.51"
24"	20.51"	20.86"	20.41"	20.51"
36"	32.51"	32.86"	32.41"	32.51"
48"	44.51"	44.86"	44.41"	44.51"
60"	56.51"	56.86"	56.41"	56.51"
72"	68.51"	68.86"	68.41"	68.51"
84"	80.51"	80.86"	80.41"	80.51"
96"	92.51"	92.86"	92.41"	92.51"

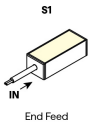
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ESSENTIALS WIDE-FLAT (01) RGBW

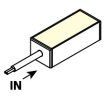
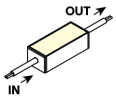
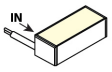
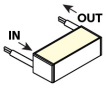
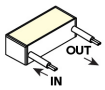
24VDC Linear Fixtures - Surface

RGBW WET LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture 
12"	2"
13"	0.5"
14"	1"
15"	1.5"
16"	2"
17"	0.5"
18"	1"
19"	1.5"
20"	2"
21"	0.5"
22"	1"
23"	1.5"
24"	2"
36"	2"
48"	2"
60"	2"
72"	2"
84"	2"
96"	2"

OPTIMAL LENGTH

Requested Nominal Length	S1 & S2		P1 & P2		S3 & S4		P3 & P4	
	S1  End Feed	S2  Bottom Feed	P1  End Feed	P2  Bottom Feed	S3  Side Feed - Left	S4  Side Feed - Right	P3  Side Feed - Left	P4  Side Feed - Right
12"	8.66"		9.06"		8.56"		8.76"	
13"	12.66"		9.06"		12.56"		12.76"	
14"	12.66"		13.06"		12.56"		12.76"	
15"	12.66"		13.06"		12.56"		12.76"	
16"	12.66"		13.06"		12.56"		12.76"	
17"	16.66"		13.06"		16.56"		16.76"	
18"	16.66"		17.06"		16.56"		16.76"	
19"	16.66"		17.06"		16.56"		16.76"	
20"	16.66"		17.06"		16.56"		16.76"	
21"	20.66"		17.06"		20.56"		20.76"	
22"	20.66"		21.06"		20.56"		20.76"	
23"	20.66"		21.06"		20.56"		20.76"	
24"	20.66"		21.06"		20.56"		20.76"	
36"	32.66"		33.06"		32.56"		32.76"	
48"	44.66"		45.06"		44.56"		44.76"	
60"	56.66"		57.06"		56.56"		56.76"	
72"	68.66"		69.06"		68.56"		68.76"	
84"	80.66"		81.06"		80.56"		80.76"	
96"	92.66"		93.06"		92.56"		92.76"	

COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

DIM TO LEVEL	INDOOR	OUTDOOR
	RGBW, RGBW-HE	RGBW, RGBW-HE
0.1%	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DMX QTM-eLED+DALI-DT8 QTM-eLED+DMX QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DALI-DT8 QOM-eLED+DALI-DT8-PS QOM-eLED+DMX QZ-DMX
1%	QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QZ-DALI-DT8
10%	Non-Dim Power Supply with RGBW App Dongle	

DIMMING PROTOCOL	INDOOR	OUTDOOR
	RGBW, RGBW-HE	RGBW, RGBW-HE
DMX	QTM-eLED+DMX QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DMX QZ-DMX
DALI-2: DT8	QT-CAB-eLED+DALI-DT8 QTM-eLED+DALI-DT8 QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8 QZ-DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with RGBW App Dongle	

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ESSENTIALS WIDE-FLAT (01) RGBW

24VDC Linear Fixtures - Surface

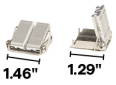
COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M



Adjustable mounting bracket - Medium

HINGE - HMB-L



Adjustable mounting bracket - Large

HINGE - HMB-XL



Adjustable mounting bracket - XLarge

Q-PIVOT



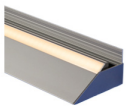
Small mounting accessory

Q-ANGLE



Adjustable mounting accessory

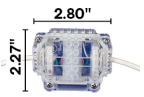
QUOVA-STANDARD



QUOVA Knife Edge

COMPATIBLE WIRING ACCESSORIES

Q-mini-J5



UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP

Read and write DMX addresses and adjust voltage

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