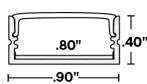
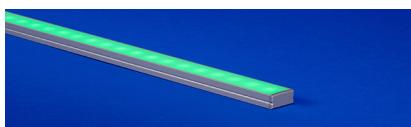




ESSENTIALS WIDE-FLAT (01) RGB

24VDC Linear Fixtures - Surface



- Wide, low-profile fixture for surface mount applications
- Choose from diffused, polar, frosted, or clear 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 allows for color changing applications
- Features 7 diodes per 2" cut point

1 PRODUCT	2 WATTS/FT	3 CCT	4 RATED	5 EFFICIENCY	6 LENS	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
WE1RGB	6.0	RGB		STD										

Sample Part Number: WE1RGB-6.0-RGB-DRY-STD-DF-P1-BW-BW-BK-CL2-SST-BK-48"-E

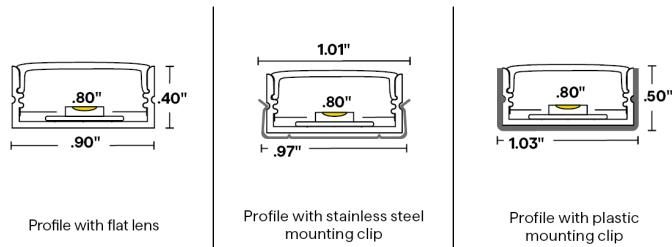
1 PRODUCT WE1RGB See following pages for compatible power supplies.	2 WATTS/FT 6.0 6.0W/ft	3 CCT RGB	4 RATED DRY IP20 DMP IP54 WET IP67 Can be suitable for exterior use, contact factory for more information	5 EFFICIENCY STD Standard	6 LENS DF Diffused PR Polar FR Frosted CL Clear For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages
7 WIRE INPUT/OUTPUT S1 Single 1 (Input only) - End Feed S2 Single 2 (Input only) - Bottom Feed S3 Single 3 (Input only) - Left Side Feed S4 Single 4 (Input only) - Right Side Feed P1 Pass Through 1 (Input/output) - End Feed P2 Pass Through 2 (Input/output) - Bottom Feed P3 Pass Through 3 (Input/output) - Left Side Feed P4 Pass Through 4 (Input/output) - Right 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"	9 CONNECTOR/WIRE OUT CLS Closed End (No feed)	10 WIRE COLOR WH White BK Black		
For continuous mounting, consider bottom or side feed	BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)			
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 match the exact length you specify, but they may have dim spots at the ends. Optimal fixtures are slightly shorter than the length specified, but provide full illumination from end to end. See Exact/Optimal Fixture Length charts.	



ESSENTIALS WIDE-FLAT (01) RGB

24VDC Linear Fixtures - Surface

1 PRODUCT - DIMENSIONS

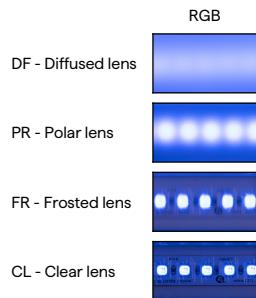


2 DELIVERED LUMENS

[Calculated L70 = 55000 hrs]
Tested with WE1RGB-6.0-RGB-DRY-STD

	Red		Green		Blue		All
	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	
CL	89	633	187	523	51	469	300
FR	86	633	182	523	50	469	292
PR	83	633	175	523	48	469	281
DF	76	633	159	523	44	469	255

6 DIODE VISIBILITY



PHOTOMETRIC PERFORMANCE

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

CL



Clear 97°

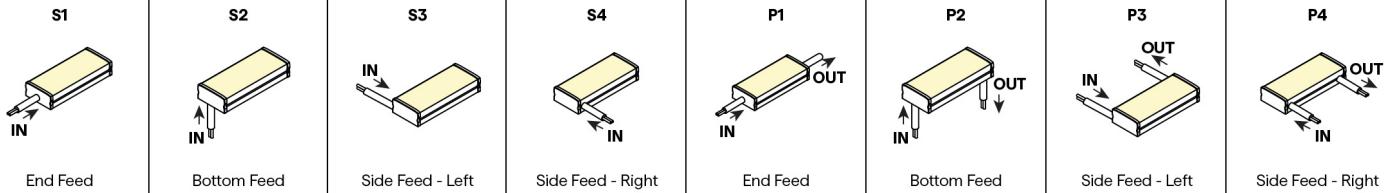


ESSENTIALS WIDE-FLAT (01) RGB

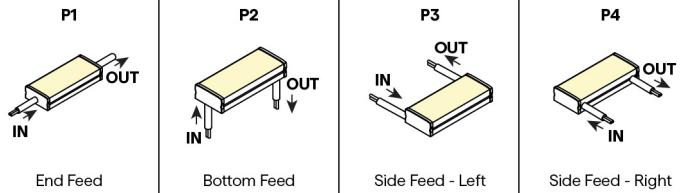
24VDC Linear Fixtures - Surface

7 WIRE INPUT/OUTPUT

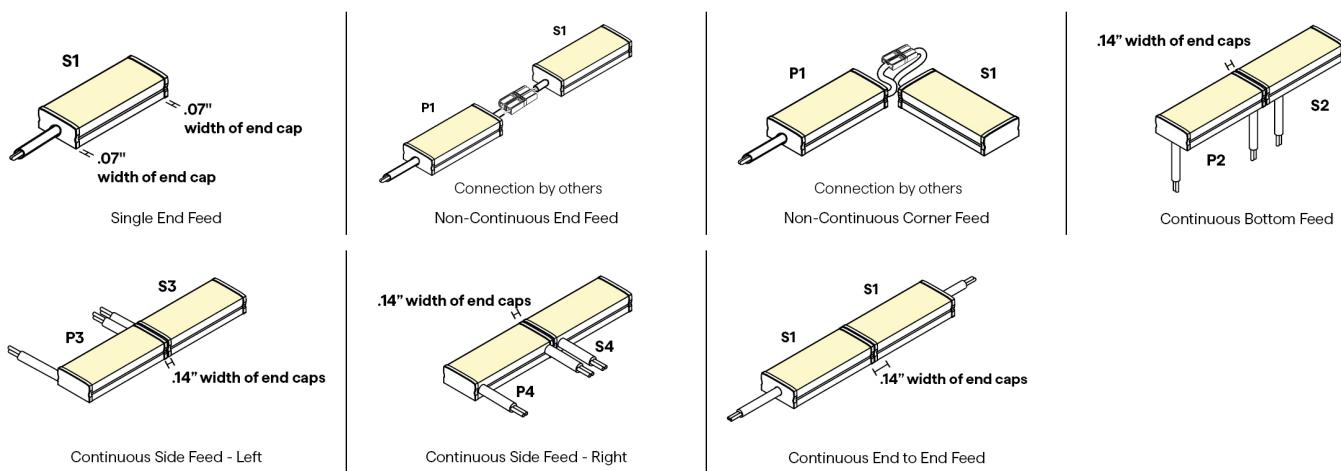
SINGLE (Input only)



PASS THROUGH (Input/Output)

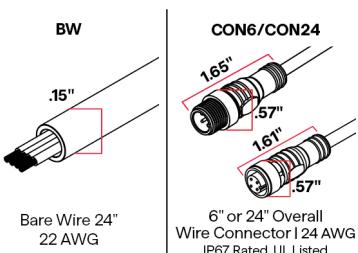


CONFIGURATION OPTIONS



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



10 WIRE COLOR



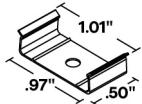


ESSENTIALS WIDE-FLAT (01) RGB

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

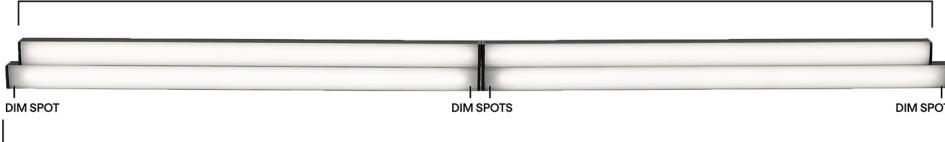
14 EXACT/OPTIMAL FIXTURE LENGTH

[E/O Length Calculator](#) →

[E/O Explained](#) →

Exact fixtures are the exact length specified. 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.

Optimal Fixtures



Exact Fixtures

RGB DRY DMP LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture S1 End Feed
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"	10.51"	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"



ESSENTIALS WIDE-FLAT (01) RGB

24VDC Linear Fixtures - Surface

RGB WET LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture	
	S1	End Feed
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	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"				

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
	RGB	RGB
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+DMX QOM-eLED+PS-DALI-DT8 QZ-DMX
1%	QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QZ-DALI-DT8
10%	Non-Dim Power Supply with RGB App Dongle	

DIMMING PROTOCOL	INDOOR	OUTDOOR
	RGB	RGB
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



ESSENTIALS WIDE-FLAT (01) RGB

24VDC Linear Fixtures - Surface

COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M	HINGE - HMB-L	HINGE - HMB-XL	Q-PIVOT	Q-ANGLE	QUOVA-STANDARD
1.41" .71"	1.46" 1.29"	1.46" 4"	.75" 1.03"	1.38" 2.23"	
Adjustable mounting bracket - Medium	Adjustable mounting bracket - Large	Adjustable mounting bracket - XLarge	Small mounting accessory	Adjustable mounting accessory	QUOVA Knife Edge

COMPATIBLE WIRING ACCESSORIES



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