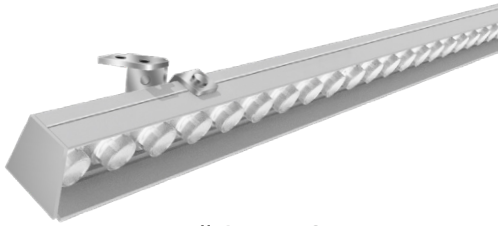


LED Wall Washer Linear Light - RGB Wall Grazer



Wall Grazer ES2321



Wall Grazer ES3021

The LED wall washer RGB linear light provides dynamic lighting effects for wall-washing or wall-grazing, offering a wide range of colors. It not only delivers uniform illumination but also creates a warm and inviting ambiance, making it ideal for enhancing parties, holidays, and event decorations. The RGB wall washer linear light can be used for various textured surfaces, such as bricks, stone, or wood. With its PC lens and silicone encapsulation, this light fixture ensures exceptional durability, reliability, and hassle-free installation.

Features

- Run up to 33ft without experiencing any voltage drop.
- Customizable in lengths.
- Easy to hide with its compact size.
- Easy to change both lighting angles and fixture-wall distance with adjustable mounting brackets.
- Emits up to 251lm/ft.
- Produce stunning wall-washing or wall-grazing effect.
- Long lifespan of 50,000 hours.
- Limited 5 years warranty.
- UL listed.

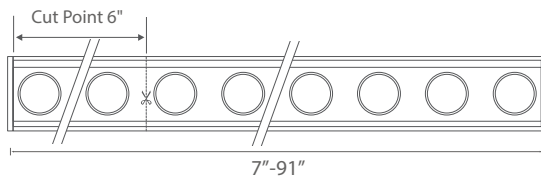


Specification

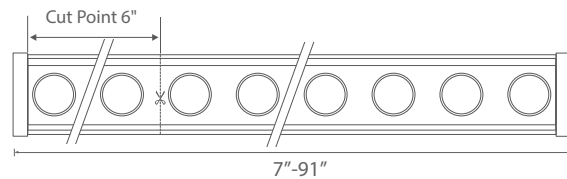
Series	ES2321	ES3021
Input Voltage	24VDC	
Color	RGB	
Brightness	251lm/ft	229lm/ft
Light Efficacy	41lm/W	37lm/W
Power Consumption	6W/ft	
LED Per ft	42 LEDs/ft	

Lead Wire	20AWG, 2ft, black, with female waterproof DC connector
Lead Wire Location	Back feed lead wire at the end
No Voltage Drop	33ft Max
Operating Temperature	-20°F~60°F
Lumen Maintenance	50,000 hrs
IP Rating	IP65 (Wet location)

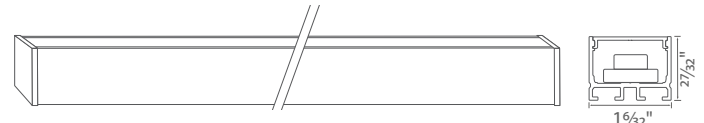
Dimension

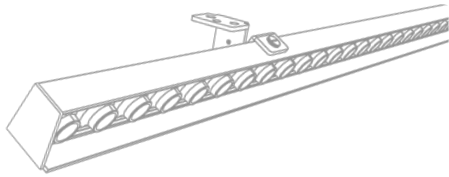


Wall Grazer ES2321

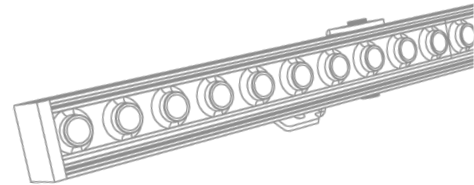


Wall Grazer ES3021





ES2321 is recommended for ceiling installations with its minimalist design.



ES3021 is suitable for low level installations with a closed design.

Order Information

	Series	Color Temperature	Wiring	Voltage	Beam Angle	Length																
GL -		RGB		24V	30																	
	WWLL-ES2321-2835-46 - Wall Washer Linear Light ES2321 WWLL-ES3021-2835-46 - Wall Washer Linear Light ES3021		SE-Single-ended DC plug waterproof connector BE-DC plug waterproof connector at both ends			<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">7-7"</td><td style="width: 50%;">55-55"</td></tr> <tr><td>13-13"</td><td>61-61"</td></tr> <tr><td>19-19"</td><td>67-67"</td></tr> <tr><td>25-25"</td><td>73-73"</td></tr> <tr><td>31-31"</td><td>79-79"</td></tr> <tr><td>37-37"</td><td>85-85"</td></tr> <tr><td>43-43"</td><td>91-91"</td></tr> <tr><td>49-49"</td><td></td></tr> </table>	7-7"	55-55"	13-13"	61-61"	19-19"	67-67"	25-25"	73-73"	31-31"	79-79"	37-37"	85-85"	43-43"	91-91"	49-49"	
7-7"	55-55"																					
13-13"	61-61"																					
19-19"	67-67"																					
25-25"	73-73"																					
31-31"	79-79"																					
37-37"	85-85"																					
43-43"	91-91"																					
49-49"																						

Min. length of individual product is 7"
Max. length of individual product is 91"

Voltage Drop Guidance Chart

The following table offers general guidelines for selecting the appropriate Wire Gauge based on the total load and the distance between the LED transformer and the starting point of the luminaire.

24V Voltage Drop & Wire Length Distance Table (3% Drop or 23.28V)

Wire Gauge (AWG)	10W 0.42A	20W 0.83A	30W 1.3A	40W 1.7A	50W 2.1A	60W 2.5A	70W 2.9A	80W 3.3A	90W 3.75A	100W 4.2A
20	85ft	43ft	27ft	21ft	17ft	14ft	12ft	11ft	9ft	8ft
18	134ft	68ft	45ft	33ft	27ft	22ft	19ft	17ft	15ft	14ft
16	215ft	109ft	72ft	54ft	43ft	36ft	31ft	27ft	24ft	22ft

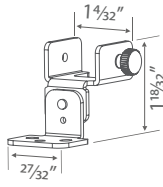
Step 1: Calculate the Total Load: Determine the power consumption of the LED light (e.g., 3W/ft). Multiply the light length (e.g., 10ft) by the power consumption to obtain the total load. For example, the total load is 3W/ft x 10ft = 30W.

Step 2: Determine the Distance from the Transformer to the Starting Point of the Light: Measure the distance between the transformer and the starting point of the light at the installation site. Assuming it is 40ft, round up to the nearest value on the table (Column 30W), which is 45ft.

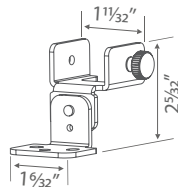
Step 3: Choose Suitable Wire Gauge: According to the table (Column 30W & Row 45ft), it's recommended to use 18AWG or thicker wires between the transformer and LED light to eliminate voltage drop.

Note: The table is calculated using a theoretical voltage drop formula and should be used as a reference only. Factors such as wire quality, LED light technology, and environmental conditions can also impact the final selection of wire gauge.

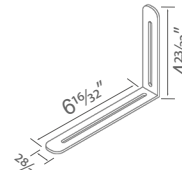
Connecting Accessories (Sold Separately)



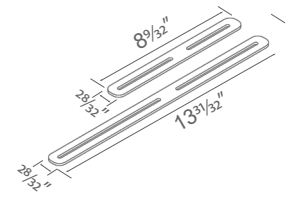
ES 2321
Adjustable Bracket



ES 3021
Adjustable Bracket

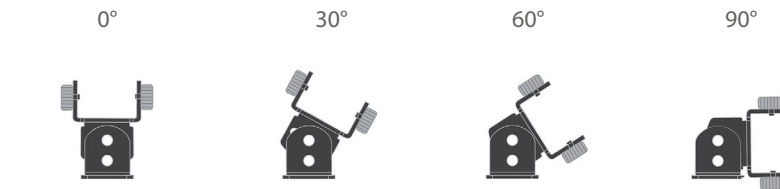


L Shape Bracket

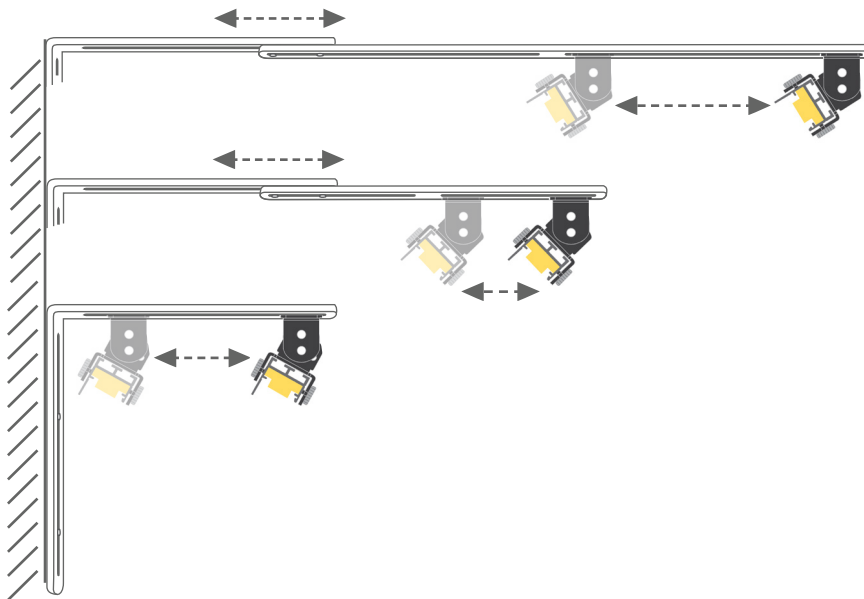


Straight Bracket
Extender

Freely Adjust the Angle and Distance

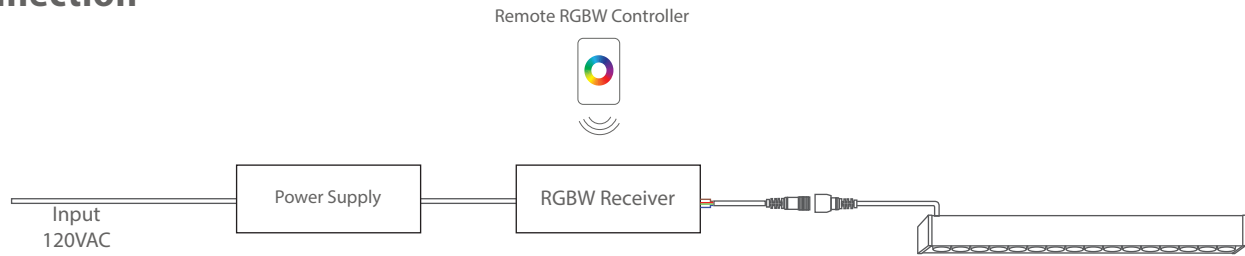


Adjustable brackets are available allowing you to easily change the lighting angles.

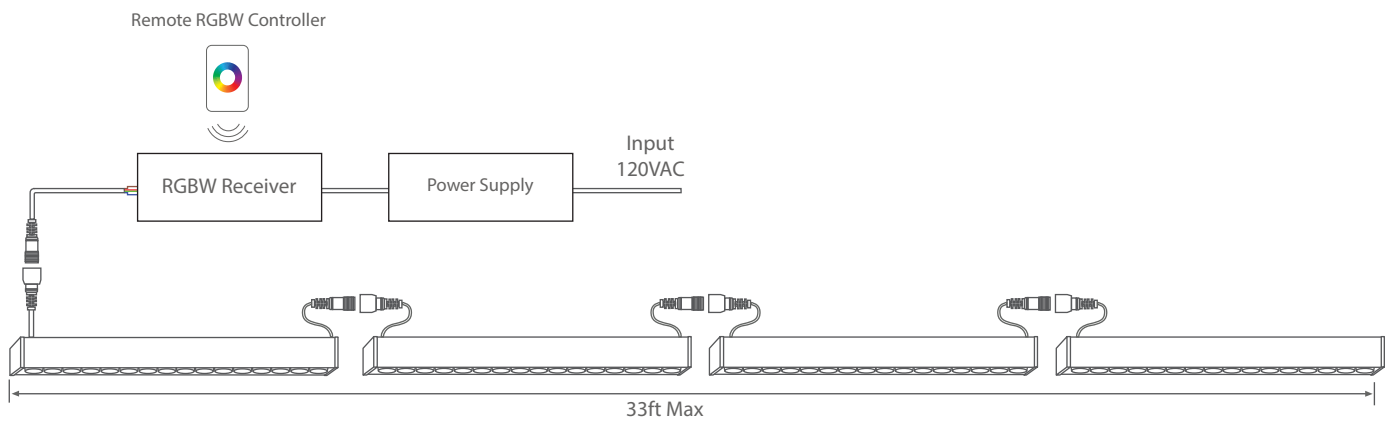


Extendable L-shaped brackets provide even more flexibility by allowing you to control the distance.

Connection

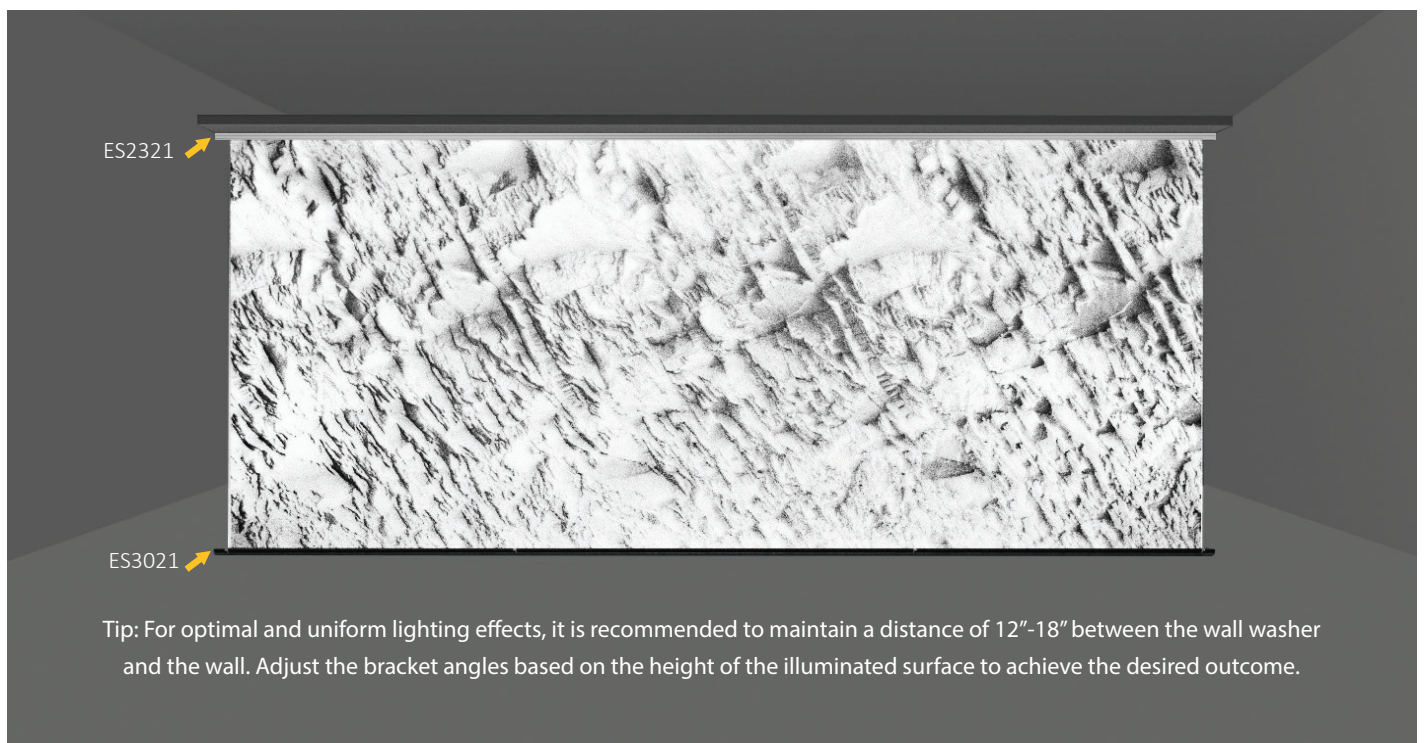


Wall wash linear light wiring connection with a Single Light Fixture

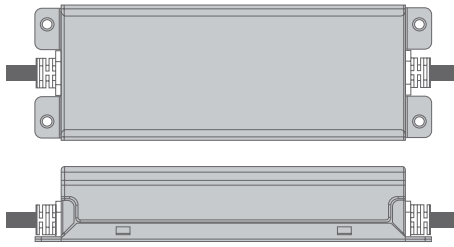


Wall wash linear light wiring connection with Multiple Light Fixtures
(Please contact us for the customized fixtures to be connected and extended)

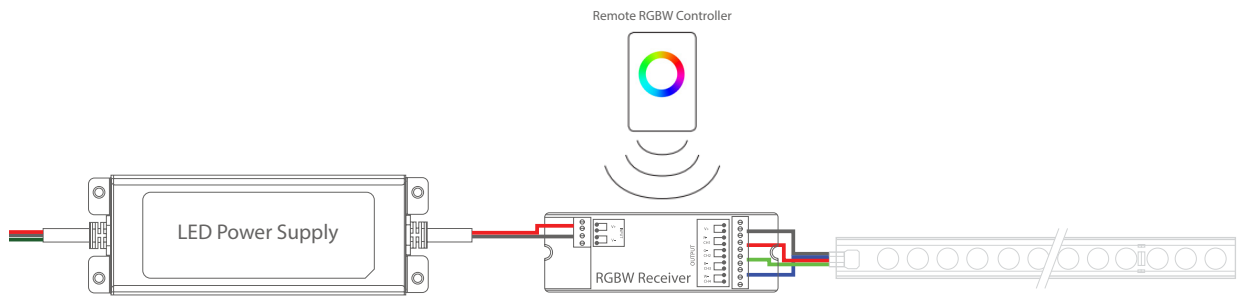
Illumination Diagram



Recommended LED Power Supply (Sold Separately)



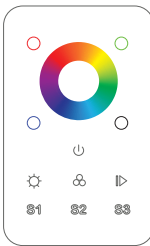
Model No.	Output Voltage	Wattage	Dimensions (L x W x H)	Certificates
XLG-100W-24V	24V	100W	5.51x2.48x1.26in	CE, RU
XLG-150W-24V	24V	150W	7.09x2.45x1.4in	CE, RU
XLG-200W-24V	24V	200W	7.83x2.48x1.4in	CE, RU
HLG-320W-24V	24V	320W	9.9x3.5x1.7in	CE, RU
HLG-600W-24V	24V	600W	11x5.7x1.9in	CE, RU



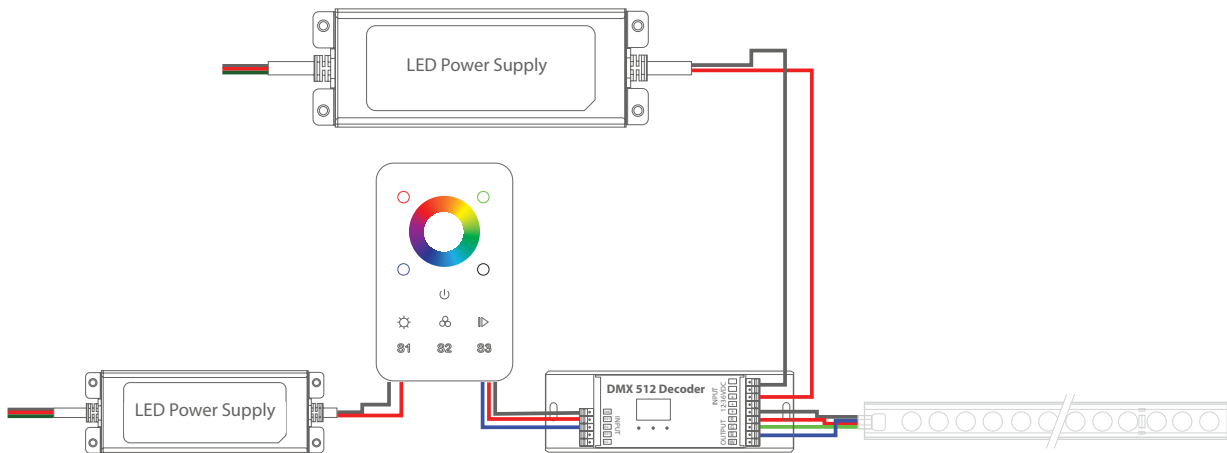
LED Power Supply Wiring Diagram (with RGBW Receiver)

Recommended Controller (Sold Separately)

DMX RGBW Wall Mount Controller



Product	Model No.	Dimensions (L x W x H)	Certificates
DMX 1Zone Controller	DMX-RGB-WM-T-1Z-W	4.7x2.9x1.1in	RU, TUV, CE, FC, ROHS
DMX 3Zone Controller	DMX-RGB-WM-T-3Z-W	4.7x2.9x1.1in	RU, TUV, CE, FC, ROHS
DMX Decoder	DMX-DEC-5A4CH	6.5x2.1x0.9in	RU, UL, TUV, CE, FC, ROHS



Non-Dimmable Transformer Wiring Diagram (with DMX RGBW Wall Mount Controller)

*This diagram is for references only. Please see the DMX RGB Wall Mount Controller Specification for a more accurate diagram.