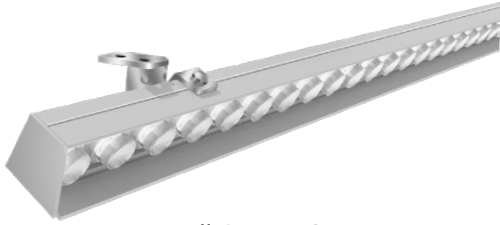


LED Wall Washer Linear Light - Single Color - Wall Grazer



Wall Grazer ES2321



Wall Grazer ES3021

The LED wall washer linear light offers a dynamic wall-washing or wall-grazing effect, producing a powerful and uniform illumination. It is designed to be used on various textured surfaces such as bricks, stones, or woods. 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.
- Produce stunning wall-washing or wall-grazing effect.
- Emits up to 638 lumens/ft.
- Easy to change both lighting angles and fixture-wall distance with adjustable mounting brackets.
- Available in various color options: candle white (2700K), warm white (3000K), natural white (4000K).
- Long lifespan of 50,000 hours.
- Limited 5 years warranty.
- UL listed.



Specification

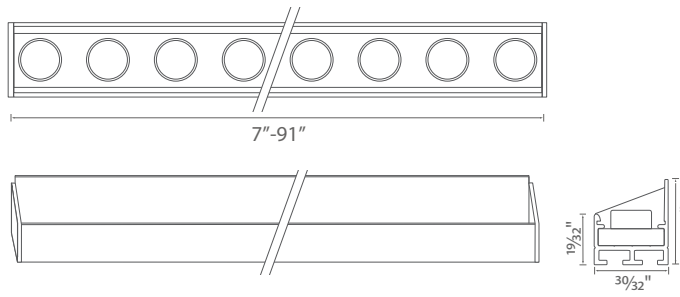
Input Voltage	24VDC		
Dimmable	PWM, Forward phase, Triac, 0-10V, MLV, ELV		
Color	2700K	3000K	4000K
Brightness	580lm/ft	609lm/ft	638lm/ft
Light Efficacy	100lm/W	105lm/W	110lm/W
Power Consumption	5.8W/ft		
CRI	90+		

LED Per ft	14 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)

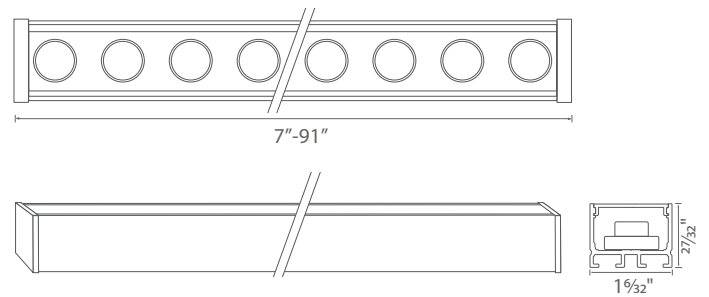
Order Information

Model	Series	Light Model	Color Temperature	Voltage	Beam Angle	Length
GL-WWLL Wall Washer Linear Light	ES2321 ES3021	2835-46	27K-2700K 30K-3000K 40K-4000K	24V	30-30°	7-7inches 13-13inches 19-19inches 25-25inches 31-31inches 37-37inches 43-43inches 49-49inches 55-55inches 61-61inches 67-67inches 73-73inches 79-79inches 85-85inches 91-91inches

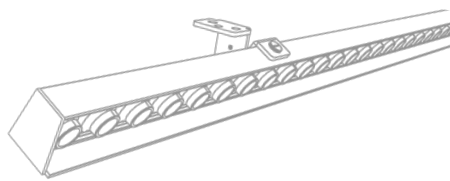
Dimension



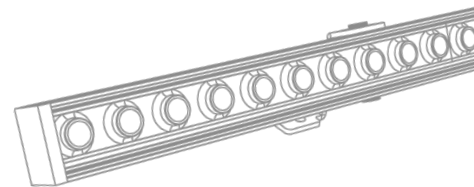
Wall Grazer ES2321



Wall Grazer ES3021



ES2321 is recommended for ceiling installations with its minimalist design.



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

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

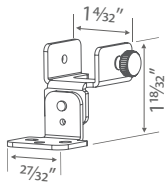
Step 1: Calculate the Total Load: Determine the power consumption of the LED light (e.g., 3W/ft). Multiply the light length (e.g., 10ft) by the power consumption to obtain the total load. For example, the total load is 3W/ft x 10ft = 30W.

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.

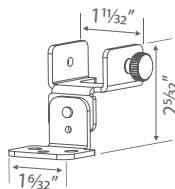
Step 3: Choose Suitable Wire Gauge: According to the table (Column 30W & Row 45ft), it's recommended to use 18AWG or thicker wires between the transformer and LED light to eliminate voltage drop.

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.

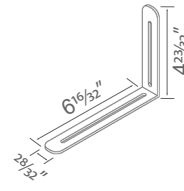
Connecting Accessories (Sold Separately)



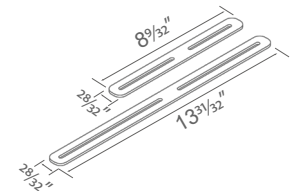
ES 2321
Adjustable Bracket



ES 3021
Adjustable Bracket

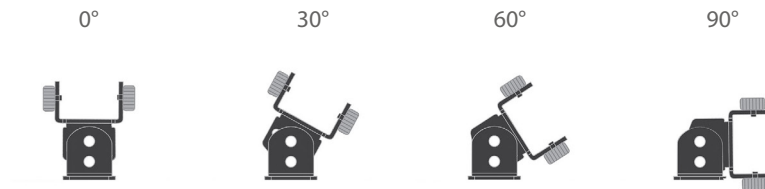


L Shape Bracket

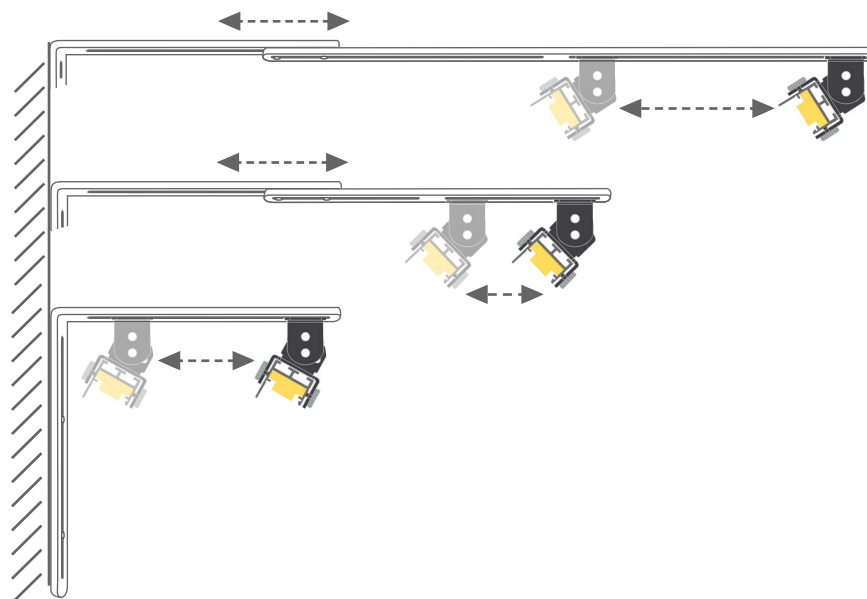


Straight Bracket
Extender

Freely Adjust the Angle and Distance

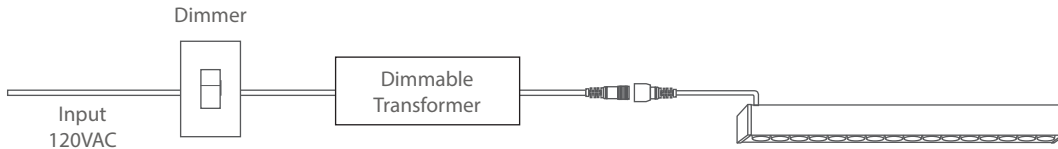


Adjustable brackets are available allowing you to easily change the lighting angles.

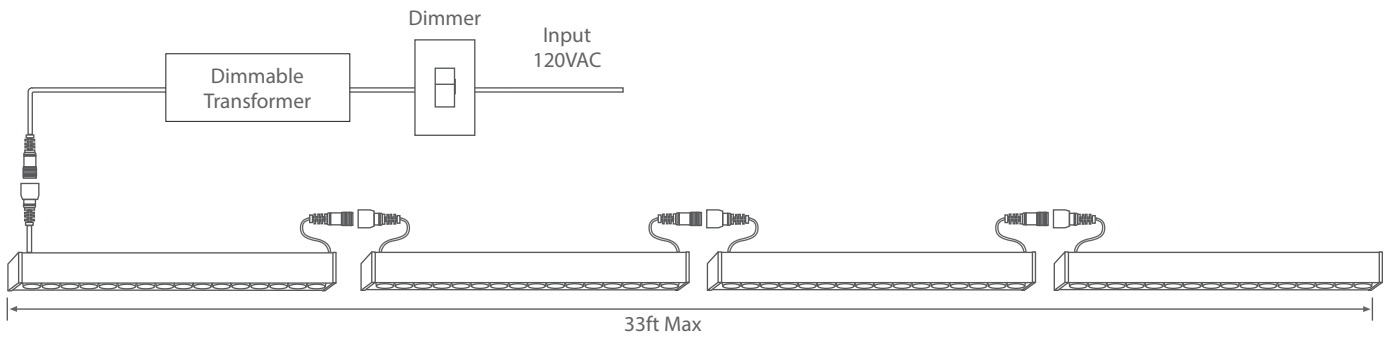


Extendable L-shaped brackets provide even more flexibility by allowing you to control the distance.

Connection

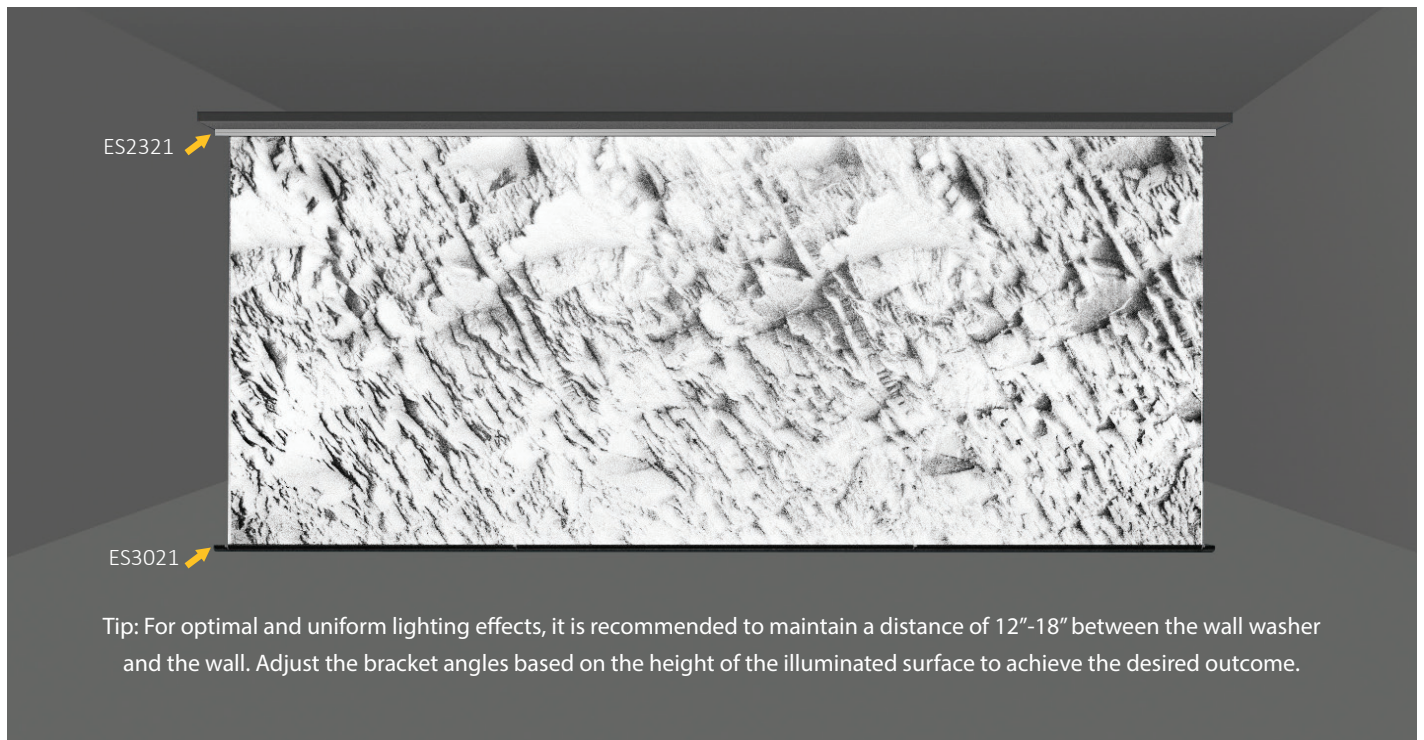


Wall wash linear light wiring connection with a Single Light Fixture



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

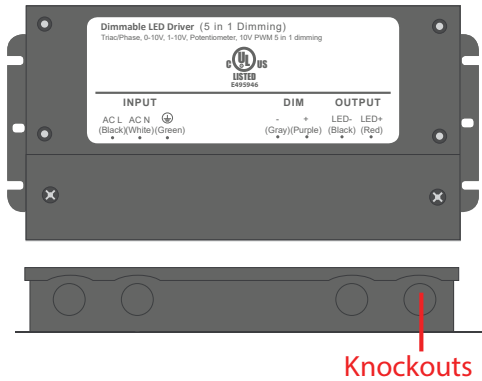
Illumination Diagram



Recommended Transformer (Sold Separately)

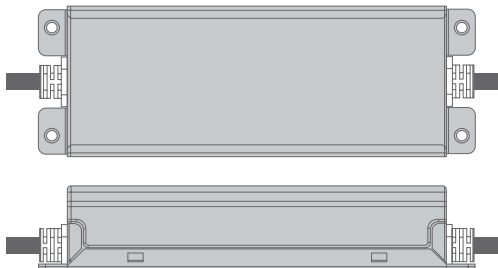
LED Dimmable Transformer - 5 in 1 dimming

G Series

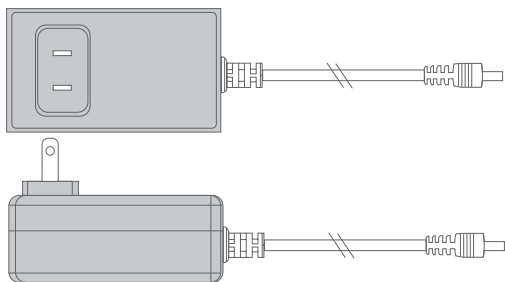


Model No.	Output Voltage	Wattage	Dimensions (L x W x H)	Certificates
G-60W-24V	24V	60W	7 ¹³ / ₃₂ "x3 ³ / ₄ "x1 ³ / ₄ "	FCC, UL, Class 2
G-96W-24V	24V	96W	8 ²¹ / ₃₂ "x3 ³ / ₄ "x1 ²³ / ₃₂ "	FCC, UL, Class 2
G-150W-24V	24V	150W	10 ⁹ / ₃₂ "x4 ⁵ / ₃₂ "x1 ¹⁵ / ₁₆ "	FCC, UL, Class 2
G-200W-24V	24V	200W	10 ⁹ / ₃₂ "x4 ⁵ / ₃₂ "x1 ¹⁵ / ₁₆ "	FCC, UL, Class 2
G-300W-24V	24V	300W	10 ⁹ / ₃₂ "x4 ⁵ / ₃₂ "x1 ¹⁵ / ₁₆ "	FCC, UL, Class 2

LED Non-Dimmable Transformer



Model No.	Output Voltage	Wattage	Dimensions (L x W x H)	Certificates
APV-8W-24V	24V	8W	2.30x1.20x0.90in	CE, RU, Class 2
APV-35W-24V	24V	35W	3.30x2.20x1.20in	CE, RU, Class 2
LPV-60W-24V	24V	60W	6.40x1.70x1.30in	CE, RU, Class 2
XLG-100W-24V	24V	100W	5.50x2.50x1.25in	CE, RU
XLG-150W-24V	24V	150W	5.51x2.48x1.26in	CE, RU
XLG-200W-24V	24V	200W	7.09x2.48x1.40in	CE, RU
HLG-320W-24V	24V	320W	9.90x3.50x1.70in	CE, RU
HLG-600W-24V	24V	600W	11.00x5.70x1.90in	CE, RU



Model No.	Output Voltage	Wattage	Dimensions (L x W x H)	Certificates
YHY-36W-24V	24V	36W	3.40x1.90x1.25in	UL, FCC, CE
YHY-60W-24V	24V	60W	4.50x1.90x1.20in	UL, FCC, CE
TPZ-96W-24V	24V	96W	7.00x3.10x1.80in	UL, FCC, CE