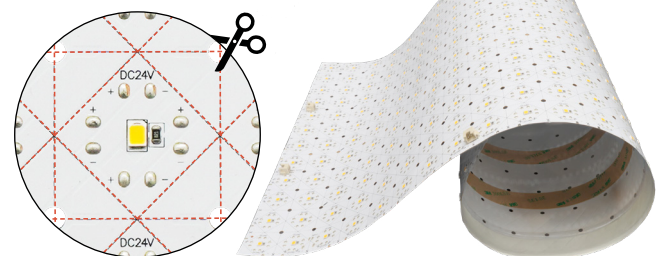


FLEXIBLE BACKLYTE

Flexible BackLyte is engineered to backlight translucent objects such as onyx, stone and resin panels – even in curved applications! Now with improved efficacy and lumen output, 24V Flexible BackLyte offers amazing light consistency and clarity. And each nominal 1 x 2 ft (304.8 x 609.6 mm) rectangular panel features small trimmable sections – single unit cutting that contains individual LEDs – to let you create custom shapes. Bend, cut and connect our Flexible BackLyte to match the size and shape of any project. Choose from Static White, Variable White or color changing RGBW.

- Single unit cutting for extreme precision
- Bend, trim and connect to create custom shapes
- With VHB tape
- Min. bending radius: 1.91 in. (48.5 mm)
- Static White (2700K, 3000K, 3500K, 4000K, 5000K, 6500K)
2 wattages: 11 W/sheet and 22 W/sheet
11 W/sheet (5.5 W/sq ft, 59.2 W/sq m):
825 lm/sq ft (8880.5 lm/sq m), 150 lm/W at 4000K
22 W/sheet (11 W/sq ft, 118.4 W/sq m):
1650 lm/sq ft (17761 lm/sq m), 150 lm/W at 4000K
12x24 single unit cutting:
1 in. (25.4 mm) squares or 0.71 in. (18 mm) diamonds
- Variable White (2200K-6500K)
18.6 W/sheet (9.3 W/sq ft, 100.11 W/sq m)
1346.5 lm/sq ft (14493.5 lm/sq m), 145 lm/W (all on)
Tune for brightness and CCT
11x22 single unit cutting:
1.09 in. (27.7 mm) squares or 0.77 in. (19.6 mm) diamonds
- RGBW (3000K, 4000K, 6000K)
48 W/sheet (24 W/sq ft, 258.34 W/sq m)
1281.5 lm/sq ft (13794 lm/sq m), 53 lm/W (all on)
10x20 single unit cutting: 1.2 in. (30.5 mm) squares



Single Unit Cutting



RoHS

IP20



ORDERING GUIDE

Category	Voltage	IP Rating	Wattage	Color or Color Temperature
FBL	24	20		
FBL - Flexible Backlyte	24 - 24 V	20 - IP20	11 - 11 W (static white only) 22 - 22 W (static white only) 18.6 - 18.6 W (variable white only) 48 - 48 W (RGBW only)	27 - 2700K VW - Variable White (2200K-6500K) 30 - 3000K RGB30 - RGB+3000K 35 - 3500K RGB40 - RGB+4000K 40 - 4000K RGB60 - RGB+6000K 50 - 5000K 65 - 6500K

Accessories:



1. 2 Pin Jumper Cable for Static White models (standard length: 1.57 in./40 mm)
Part #: FBLJUMPSW2

2. 3 Pin Jumper Cable for Variable White model (standard length: 1.57 in./40 mm)
Part #: FBLJUMPVW3

3. 5 Pin Jumper Cable for RGBW models (standard length: 4.52 in./115 mm)
Part #: FBLJUMPRGBW5

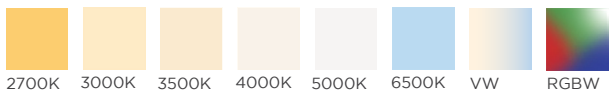


4. 2 Pin Power Feed to Bare Wire for Static White models (standard length: 11.81 in./300 mm)
Part #: FBLPOWERFEED2

5. 3 Pin Power Feed to Bare Wire for Variable White model (standard length: 11.81 in./300 mm)
Part #: FBLPOWERFEED3

6. 5 Pin Power Feed to Bare Wire for RGBW models (standard length: 11.81 in./300 mm)
Part #: FBLPOWERFEED5

AVAILABLE COLORS AND COLOR TEMPERATURES

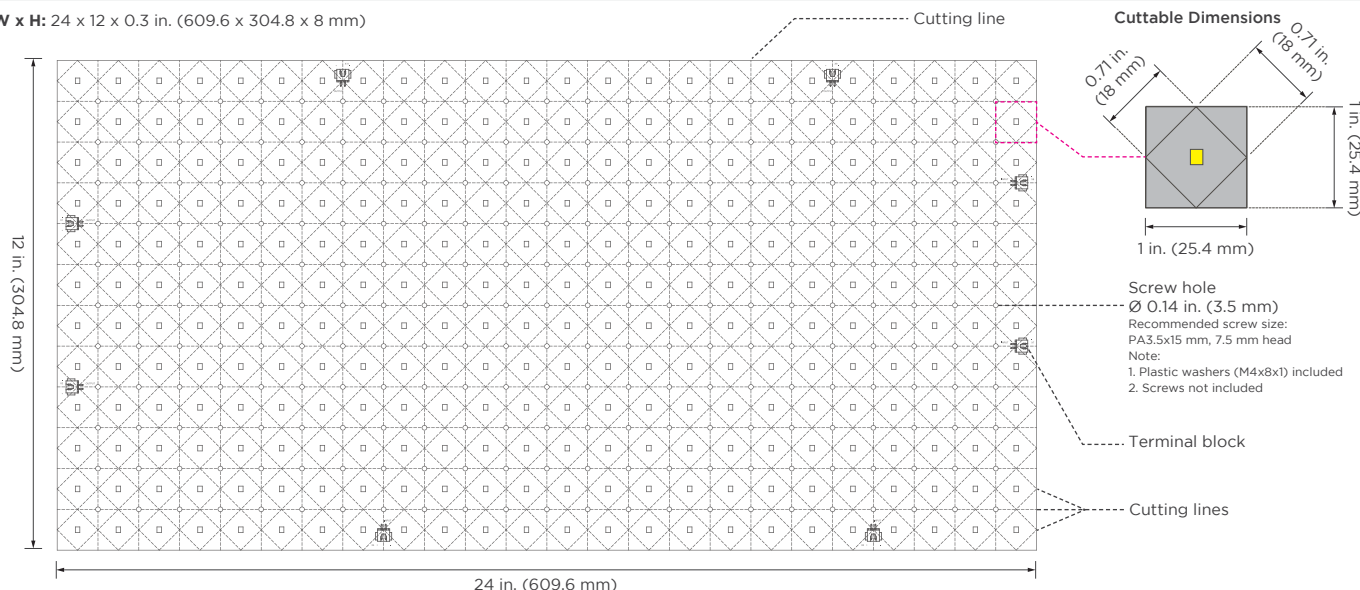


SPECIFICATIONS / DIMENSIONS / ACCESSORIES

Operating Voltage	24 VDC											
Type	Static White											
Power Consumption	11 W						22 W					
Color Temperature	2700K	3000K	3500K	4000K	5000K	6500K	2700K	3000K	3500K	4000K	5000K	6500K
Lumens per sqft	770	797.5	814	825	825	825	1540	1595	1628	1650	1650	1650
Lumens per sqm	8288	8584	8762	8880.5	8880.5	8880.5	16576	17168	17524	17761	17761	17761
Lumens per Watt	140	145	148	150	150	150	140	145	148	150	150	150
Max. # of Daisy Chained Fixtures	8						5					
Dimensions (L x W x H)	24 x 12 x 0.3 in. (609.6 x 304.8 x 8 mm)											
Horizontal/Vertical Cuttable Size	1 x 1 in. (25.4 x 25.4 mm)											
Diagonal Cuttable Size	0.71 x 0.71 in. (18 x 18 mm)											
Type	Variable White					RGBW						
Power Consumption	9.3 W	9.3 W	18.6 W			19.2 W	7.2 W	7.2 W	14.4 W		48 W	
Colors	2200K	6500K	All On			Red	Green	Blue	White		All On	
Lumens per sqft	650	697.5	1346.5			240	396	65	576		1282	
Lumens per sqm	6996.5	7508	14493.5			2583	4263	700	6200		13799	
Lumens per Watt	140	150	150			25	110	18	80		53	
Max. # of Daisy Chained Fixtures	5					2						
Dimensions (L x W x H)	24 x 12 x 0.3 in. (609.4 x 304.7 x 8 mm)					24 x 12 x 0.3 in. (610 x 305 x 8 mm)						
Horizontal/Vertical Cuttable Size	1.09 x 1.09 in. (27.7 x 27.7 mm)					1.2 x 1.2 in. (30.5 x 30.5 mm)						
Diagonal Cuttable Size	0.77 x 0.77 in. (19.6 x 19.6 mm)					n/a						
Protection Rating	IP20											
Static White Dimming	MLV / 0-10 Volt / ELV / DALI											
Color Changing Control	DMX / RF Remote Control											
Ambient Temperature	-4 — 140 °F (-20 — 60 °C)											
Storage Temperature	-13 — 158 °F (-25 — 70 °C)											
Min. Bending Radius	1.91 in. (48.5 mm)											
CRI (White LEDs)	90+ CRI											
Connector Types	2 Pin Jumper Cable (for static white models), 3 Pin Jumper Cable (for variable white model), 5 Pin Jumper Cable (for RGBW models)											
Constant Voltage	✓											
Warranty	3 years											

DIMENSIONS - STATIC WHITE MODELS

L x W x H: 24 x 12 x 0.3 in. (609.6 x 304.8 x 8 mm)



Acolyte does not warrant or represent that the information is free from errors or omission. The information may change without notice and Acolyte is not in any way liable for the accuracy of any information printed and stored or in any way interpreted or used.

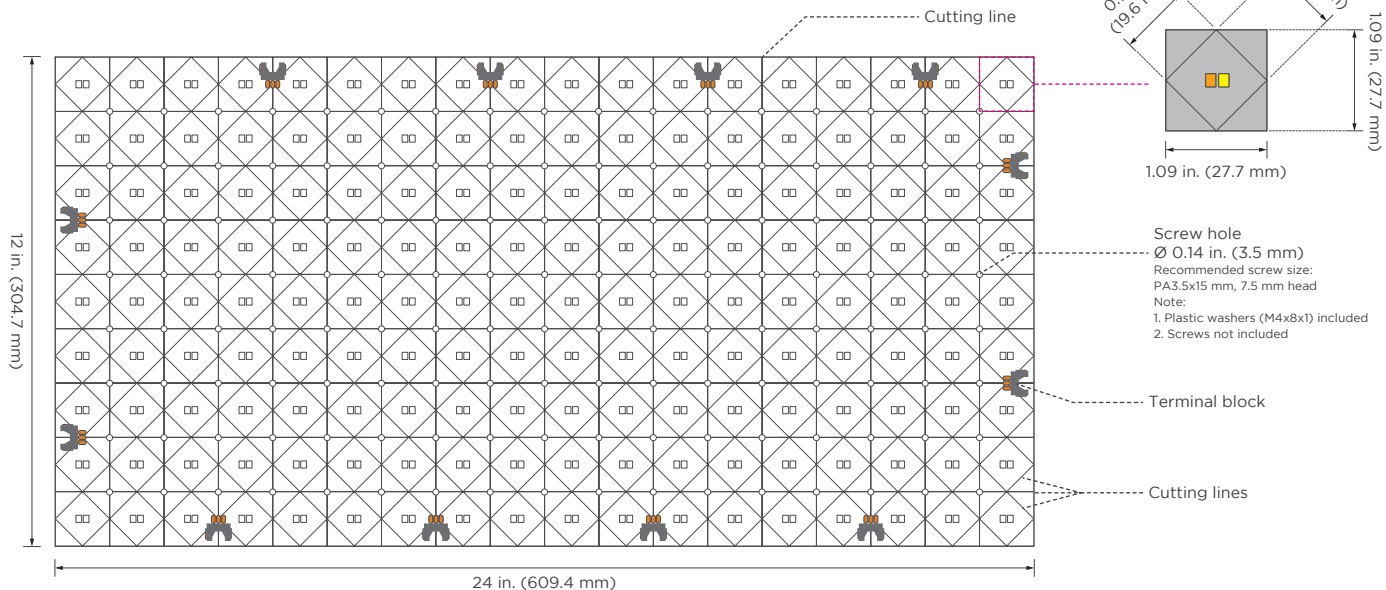
DIMENSIONS

DIMENSIONS - VARIABLE WHITE MODELS

L x W x H

24 x 12 x 0.3 in.

609.4 x 304.7 x 7 mm

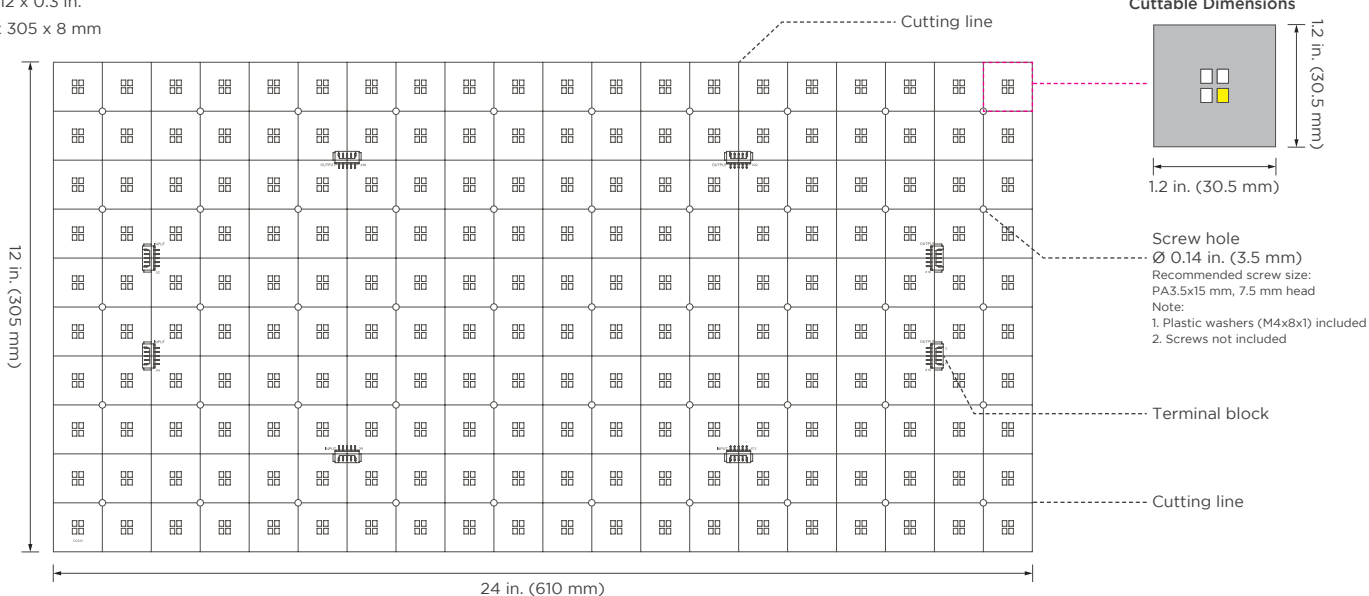


DIMENSIONS - RGBW MODELS

L x W x H

24 x 12 x 0.3 in.

610 x 305 x 8 mm



REV.06JUL2026

GLOBAL HQ

320 Murray Hill Pkwy
East Rutherford, NJ 07073
U.S.
T: (+1) 212 629 6830
E: Sales-US@GENLEDBrands.com

EUROPEAN HQ

Hogeweyselaan 119
1382 JK Weesp
Netherlands
T: (+31) 346 235 000
E: SalesEurope@GENLEDBrands.com

MEINA HQ

PO Box 371378, #823, Building 4EA
Dubai Airport Free Zone
Dubai, UAE
T: (+971) 4 701 7901
E: SalesMEINA@genledbrands.com

ASIA-PACIFIC HQ

Room 402, Building D
Shenxi Tongchuang Science and Technology Park
No. 16 Hongyin Road
Xingqiang Community, Xinhua Street
Guangming District, Shenzhen, China 518107
T: (+86) 755 8529 0710
E: Sales-Pacific@GENLEDBrands.com