Beamever

Designer's Custom Playground

AERO TAPE FREE CUT

Indoor · Static White

Features

- Small cutting increments for flexible installation
- IP20 rated, ideal for indoor non-condensing uses
- 5 years warranty

Date

Fixture type

Project name

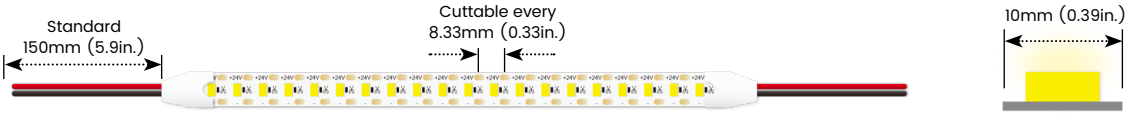
Project phase

Applications

Under cabinets, coves, shelves, bedrooms, offices, hallways, etc.



Dimensions



Order Code

Model	Environment	Voltage	CCT	Power
AEROFC	**D2**-Dry (IP20)	**24V**-DC24V	**18K**-1800K **22K**-2200K **24K**-2400K **27K**-2700K **30K**-3000K **35K**-3500K **40K**-4000K **65K**-6500K	**120**-12W/M **140**-14W/M **190**-19W/M

Assembly Builder

Left Feed Entry			
F	Front	**OW**	Open wire 150mm(5.9in.)
C	Closed	**MC**	Male connector with 200mm(7.87in.) cable
		FC	Female connector with 200mm(7.87in.) cable
		NA	Only for Closed Feed Entry

Assembly Builder

Right Feed Entry			
F	Front	**OW**	Open wire 150mm(5.9in.)
C	Closed	**MC**	Male connector with 200mm(7.87in.) cable
		FC	Female connector with 200mm(7.87in.) cable
		NA	Only for Closed Feed Entry

Length	
Increment	8.33mm (0.33in.)

*We will list the nearest actual manufacturing length on the quotation, based on your requested length.

Channel Order Code

Product Code	Colors*	Lens	Clip*	Length
Please select on the Extrusion Compatibility page	■ **S** Silver anodized □ **W** White lacquered ■ **B** Black anodized	**OP** Opal **FR** Frosted **CL** Clear	**MCL** Metal clip **PCL** Plastic clip **ACL** Adjustable angle clip	1m(3.28ft) 2m (6.56ft)

*For custom RAL colors, please inquire.
*Please refer to the Channel Compatibility page for compatible clip options.

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Indoor · Static White

Lumen Output (lm/m)

CCT	12W/M	14W/M	19W/M
1800K	945	1100	1485
2200K	980	1140	1540
2400K	1015	1180	1595
2700K	1070	1245	1685
3000K	1105	1285	1740
3500K	1120	1300	1760
4000K	1150	1340	1810
6500K	1130	1310	1775
Max. Run Length	8m	6m	6m

Techinical Details

Width	10mm (0.39in.)
LED Quantity	120 LEDs/M (36 LEDs/ft)
Beam Angle	120°
Efficacy	92lm/W @3000K 14W
CRI	Ra≥90
LED MacAdam	3 steps
Average Life (L70)	>54,000 hours
Max. Length Per Reel	50m(164ft)
Storage Temperature	-25°C~ 60°C
Ambient Temperature	-25°C~ 45°C

Feed Entry Options



F: Front

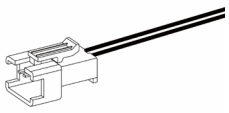


C: Closed

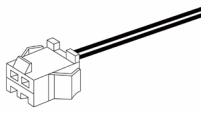
Connector Wire Options



OW: Open wire, **Dry only**
Standard 150mm(5.9in.),20 AWG,
wire length customizable



MC: Male connector, **Dry**
Standard 200mm(7.87in.), 20 AWG



FC: Female connector, **Dry**
Standard 200mm(7.87in.), 20 AWG

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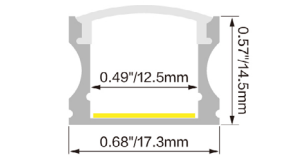
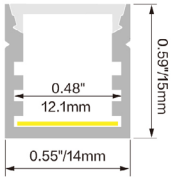
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Lens Type & Light Transmission		
CL Clear	FR Frosted	OP Opal

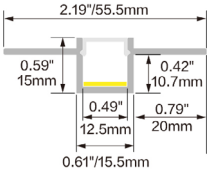
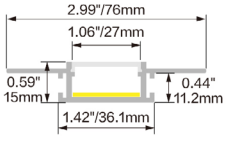
Channel Compatibility

*Non-standard option, please contact us for customization support.

Surface

BE1202	BE1415
CL 63% FR 58% OP 47%	CL 54% FR 49% OP 40%
	
Accommodates 1 LED strip	Accommodates 1 LED strip
Clip Options: Metal/Plastic/Adjustable angle clip	Clip Options: Metal clip

Mud-in

BE5615	BE7615
CL 60% FR 55% OP 45%	CL 72% FR 66% OP 54%
	
Accommodates 1 LED strip	Accommodates up to 2 LED strips
Clip Options: N/A	Clip Options: N/A

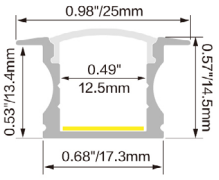
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Recessed

BE1201

CL 62% FR 56% OP 46%

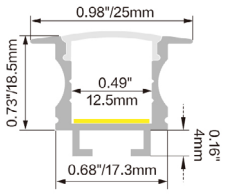


Accommodates 1 LED strip

Clip Options:
Metal/Plastic clip

BE1207

CL 62% FR 57% OP 46%

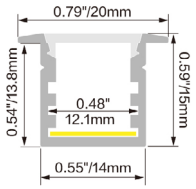


Accommodates 1 LED strip

Clip Options:
Spring clip

BE2015

CL 55% FR 50% OP 41%

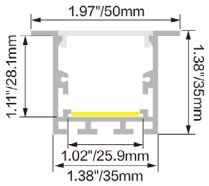


Accommodates 1 LED strip

Clip Options:
N/A

BE5035

CL 55% FR 50% OP 41%

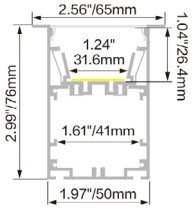


Accommodates up to 2 LED strips

Clip Options:
Spring clip

BE6575

CL 65% FR 59% OP 48%



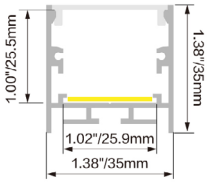
Accommodates up to 2 LED strips

Clip Options:
N/A

Suspended

BE3535

CL 56% FR 51% OP 41%

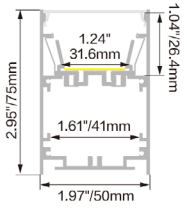


Accommodates up to 2 LED strips

Clip Options:
Metal clip

BE5075

CL 64% FR 58% OP 48%

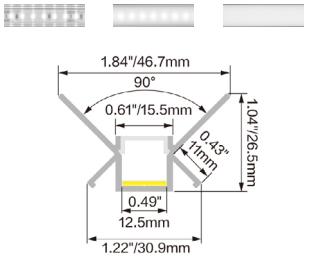
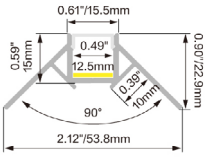
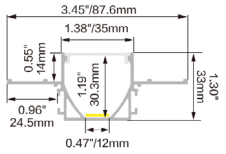


Accommodates up to 2 LED strips

Clip Options:
Metal clip

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Specialty		
BE4615 Borderless Inside Corner	**BE5315** Borderless Outside Corner	**BE8833** Cove Recessed / Double-Layer Borderless
CL 59% FR 54% OP 44%	CL 58% FR 53% OP 43%	CL 58% FR 53% OP 43%
		
Accommodates 1 LED strip	Accommodates 1 LED strip	Accommodates 1 LED strip
Clip Options: N/A	Clip Options: N/A	Clip Options: N/A

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Connectors (Optional, purchase for extra)

Max. Run Length - With Connector

Tape Power	12W/M	14W/M	19W/M
Max. Run Length	6.7m	5.7m	4.2m

*Note: Maximum current through the connector must not exceed 4A.



N6012-STCN-2P-10
Strip to cable connector without wire,
for 10mm (0.39in.) tape, 2 pin,IP20



N6012-STS-2P-10
Strip to strip connector,
for 10mm (0.39in.) tape, 2 pin,IP20



C6012-LC-2P-10
L-shaped corner connector,
for 10mm (0.39in.) tape, 2 pin,IP20



C6012-RC-2P-10
R-shaped corner connector,
for 10mm (0.39in.) tape, 2 pin,IP20



N6012-STC-2P-10
Strip to cable connector with 150mm (5.91in.) wire,
for 10mm (0.39in.) tape, 2 pin,IP20



N6012-STSJ-2P-10
Strip to strip jumper connector with 150mm(5.91in.) wire,
for 10mm (0.39in.) tape, 2 pin,IP20

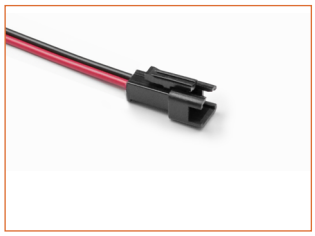


N6012-STDCB-2P-10
Strip to cable with black female connector,
for 10mm (0.39in.) tape, 2 pin,IP20

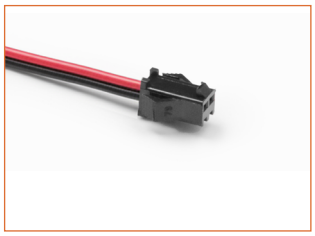


N6012-STDCW-2P-10
Strip to cable with white female connector,
for 10mm (0.39in.) tape, 2 pin,IP20

Additional Accessories (Optional, purchase for extra)



MC-2P-20
Male connector,
200mm (7.87in.) red&black cable,
2 pin, IP20, 20 AWG



FC-2P-20
Female connector,
200mm (7.87in.) red&black cable,
2 pin, IP20, 20 AWG



VHB
VHB 3M adhesive back tape, stronger stickiness

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Drivers

Non-dimmable

Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24A-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm
LRS-150-24	150W	85-132VAC / 170-264VAC	24V	Dry	159 * 97 * 30 mm

3 in 1-dimmable

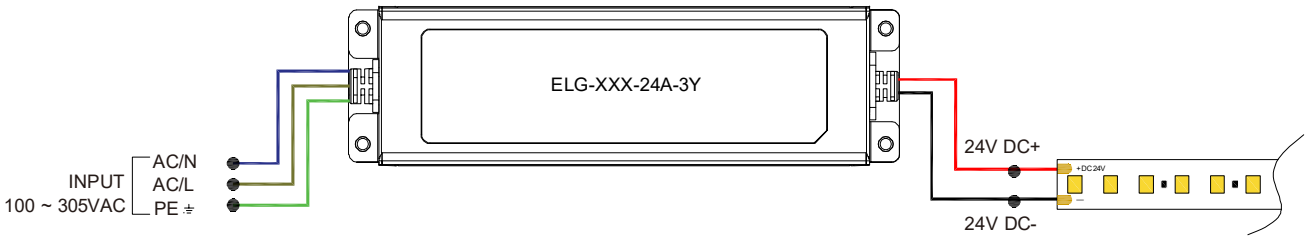
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

DALI-dimmable

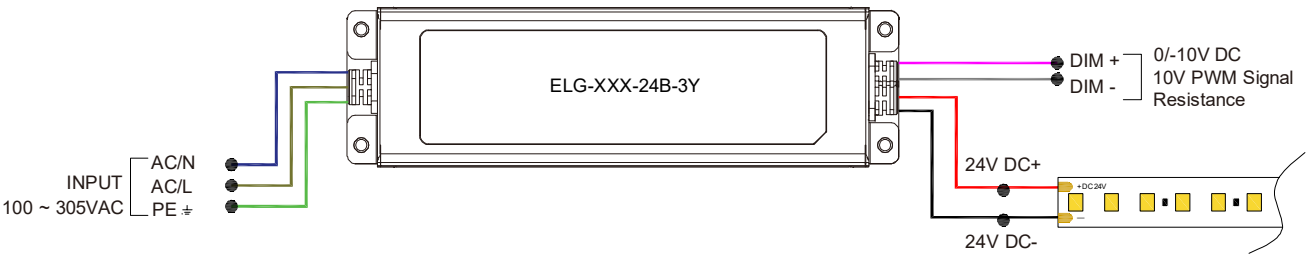
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

Wiring Diagram

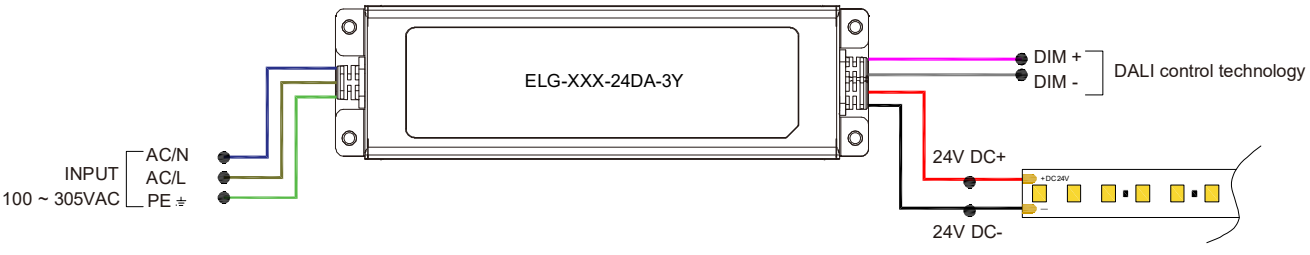
Non-dimmable



3 in 1-dimmable



DALI-dimmable



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24V Voltage Drop & Maximum Wire Length Chart

Based on 24V voltage with a 3% voltage drop allowance. Indicates the maximum wire length from the power supply to the start of the run.

Total load	8AWG	10AWG	12AWG	14AWG	16AWG	18AWG	20AWG	22AWG
10W / 0.4A	484.0m	304.5m	191.4m	120.4m	75.5m	47.5m	29.8m	18.5m
20W / 0.8A	242.0m	152.1m	95.7m	60.0m	37.8m	23.7m	14.9m	9.1m
30W / 1.3A	161.2m	101.5m	63.7m	39.9m	24.9m	15.8m	9.7m	6.1m
40W / 1.7A	121.0m	75.9m	47.8m	29.8m	18.9m	11.8m	7.3m	4.5m
50W / 2.1A	96.6m	60.6m	38.1m	24.0m	14.9m	9.4m	5.7m	3.6m
60W / 2.5A	80.4m	50.6m	31.7m	19.8m	12.5m	7.9m	4.8m	3.0m
70W / 2.9A	68.8m	43.2m	27.1m	17.0m	10.6m	6.7m	4.2m	2.4m
80W / 3.3A	60.3m	37.8m	23.7m	14.9m	9.4m	5.7m	3.6m	2.1m
90W / 3.8A	53.6m	33.8m	21.0m	13.1m	8.2m	5.1m	3.0m	1.8m
100W / 4.2A	48.1m	30.1m	18.9m	11.8m	7.3m	4.5m	2.7m	1.8m
110W / 4.6A	43.8m	27.4m	17.3m	10.6m	6.7m	4.2m	2.7m	1.5m
120W / 5.0A	40.2m	25.3m	15.8m	9.7m	6.1m	3.9m	2.4m	1.5m
130W / 5.4A	37.1m	23.1m	14.6m	9.1m	5.7m	3.6m	2.1m	1.2m
140W / 5.8A	34.4m	21.6m	13.4m	8.5m	5.1m	3.3m	2.1m	1.2m
150W / 6.3A	32.0m	20.1m	12.5m	7.9m	4.8m	3.0m	1.8m	1.2m
160W / 6.7A	30.1m	18.9m	11.8m	7.3m	4.5m	2.7m	1.8m	0.9m
170W / 7.1A	28.3m	17.6m	10.9m	7.0m	4.2m	2.7m	1.5m	0.9m
180W / 7.5A	26.8m	16.7m	10.3m	6.7m	3.9m	2.4m	1.5m	0.9m
190W / 7.9A	25.3m	15.8m	10.0m	6.0m	3.9m	2.4m	1.5m	0.9m
200W / 8.3A	24.0m	14.9m	9.4m	5.7m	3.6m	2.1m	1.2m	0.9m
210W / 8.8A	22.8m	14.3m	8.8m	5.4m	3.3m	2.1m	1.2m	0.6m
220W / 9.2A	21.9m	13.7m	8.5m	5.4m	3.3m	2.1m	1.2m	0.6m
230W / 9.6A	21.0m	13.1m	8.2m	5.1m	3.0m	1.8m	1.2m	0.6m
240W / 10.0A	20.1m	12.5m	7.9m	4.8m	3.0m	1.8m	1.2m	0.6m
250W / 10.4A	19.2m	12.1m	7.6m	4.5m	2.7m	1.8m	0.9m	0.6m