Beamever

AERO TAPE

Designer's Custom Playground

Indoor · Static White

Features

- Various output & CCT options
- IP20 rated, ideal for indoor non-condensing uses
- 5 years warranty

Date

Fixture type

Project name

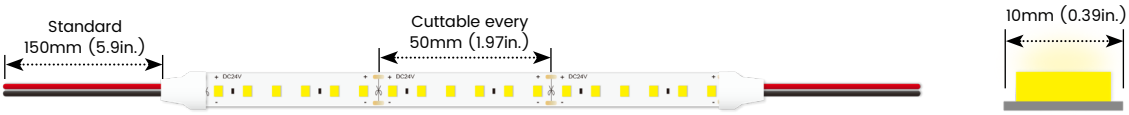
Project phase

Applications

Under cabinets, coves, shelves, backlighting, bedrooms, stairs, etc.



Dimensions



Order Code

Model	Environment	Voltage	CCT	Power
AERO	**D2**-Dry (IP20)	**24V**-DC24V	**18K**-1800K **22K**-2200K **24K**-2400K **27K**-2700K **30K**-3000K **35K**-3500K **40K**-4000K **65K**-6500K	**048**-4.8W/M **096**-9.6W/M **144**-14.4W/M **192**-19.2W/M **240**-24W/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	50mm (1.97in.)

*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.

AERO TAPE

Indoor · Static White

Lumen Output (lm/m)

CCT	4.8W/M	9.6W/M	14.4W/M	19.2W/M	24W/M
1800K	375	710	1010	1270	1500
2200K	400	750	1070	1350	1590
2400K	420	800	1130	1430	1690
2700K	445	850	1200	1510	1780
3000K	460	890	1260	1600	1870
3500K	490	920	1310	1660	1950
4000K	500	950	1350	1710	2010
6500K	480	900	1280	1630	1910
Max. Run Length	9m	7m	6m	6m	5m

Techinical Details

Width	10mm (0.39in.)
LED Quantity	120 LEDs/M (36 LEDs/ft)
Beam Angle	120°
Efficacy	93lm/W @3000K 9.6W
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

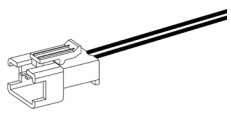


C: Closed

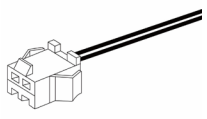
Connector Wire Options



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

Channel Compatibility

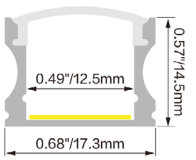
*Non-standard option, please contact us for customization support.

Lens Type & Light Transmission		
CL Clear	FR Frosted	OP Opal

Surface

BE1202

CL 64% FR 58% OP 47%

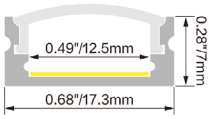


Accommodates 1 LED strip

Clip Options:
Metal/Plastic/Adjustable angle clip

BE1205

CL 85% FR 78% OP 64%

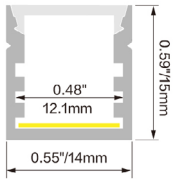


Accommodates 1 LED strip

Clip Options:
Metal/Plastic/Adjustable angle clip

BE1415

CL 55% FR 50% OP 41%

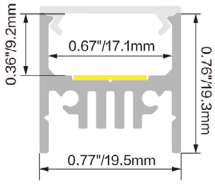


Accommodates 1 LED strip

Clip Options:
Metal clip

BE1919

CL 76% FR 70% OP 57%

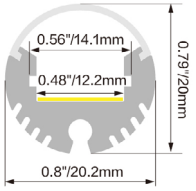


Accommodates 1 LED strip

Clip Options:
Metal clip

BE2020

CL 78% FR 72% OP 59%



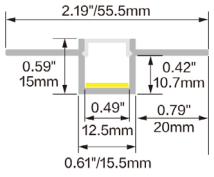
Accommodates 1 LED strip

Clip Options:
Metal clip

Mud-in

BE5615

CL 60% FR 54% OP 44%

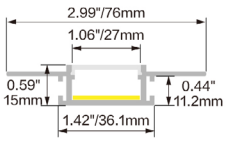


Accommodates 1 LED strip

Clip Options:
N/A

BE7615

CL 72% FR 66% OP 54%



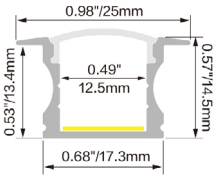
Accommodates up to 2 LED strips

Clip Options:
N/A

Recessed

BE1201

CL 61% FR 56% OP 46%

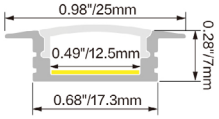


Accommodates 1 LED strip

Clip Options:
Metal/Plastic clip

BE1204

CL 84% FR 77% OP 63%

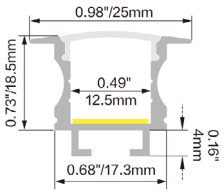


Accommodates 1 LED strip

Clip Options:
Metal/Plastic clip

BE1207

CL 62% FR 56% OP 46%

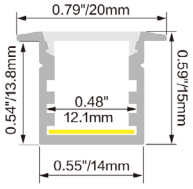


Accommodates 1 LED strip

Clip Options:
Spring clip

BE2015

CL 57% FR 52% OP 43%

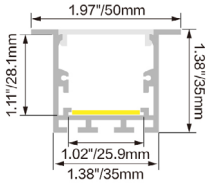


Accommodates 1 LED strip

Clip Options:
N/A

BE5035

CL 55% FR 50% OP 41%

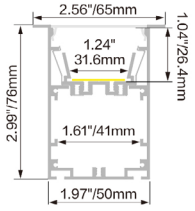


Accommodates up to 2 LED strips

Clip Options:
Spring clip

BE6575

CL 65% FR 60% OP 49%



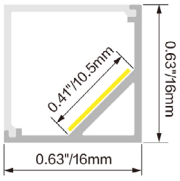
Accommodates up to 2 LED strips

Clip Options:
N/A

Corner

BE1001

CL 86% FR 78% OP 64%

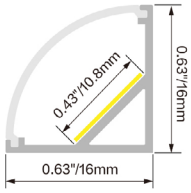


Accommodates 1 LED strip

Clip Options:
Metal/Plastic clip

BE1002

CL 87% FR 80% OP 65%

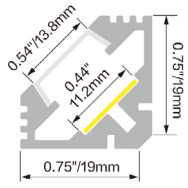


Accommodates 1 LED strip

Clip Options:
Metal/Plastic clip

BE1101

CL 59% FR 54% OP 44%

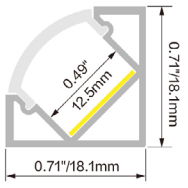


Accommodates 1 LED strip

Clip Options:
Metal clip

BE1203

CL 76% FR 69% OP 57%



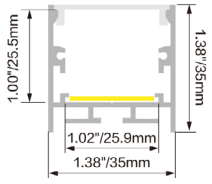
Accommodates 1 LED strip

Clip Options:
Metal/Plastic clip

Suspended

BE3535

CL 56% FR 51% OP 42%

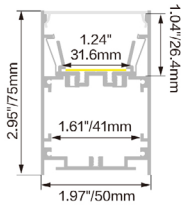


Accommodates up to 2 LED strips

Clip Options:
Metal clip

BE5075

CL 65% FR 59% OP 48%

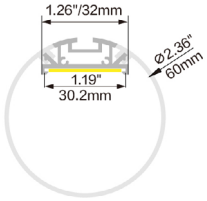


Accommodates up to 2 LED strips

Clip Options:
Metal clip

BE60

CL 88% FR 80% OP 65%



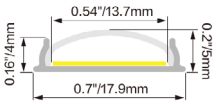
Accommodates up to 2 LED strips

Clip Options:
Metal clip

Specialty

BE1806
Bendable surface mounted

CL 89% FR 81% OP 66%

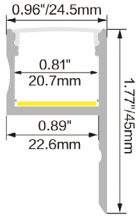


Accommodates 1 LED strip

Clip Options:
Metal clip

BE2009
Coves

CL 57% FR 52% OP 43%

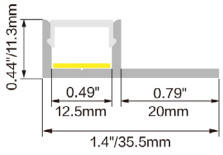


Accommodates 1 LED strip

Clip Options:
N/A

BE3511
Borderless Bi-Color Panel

CL 68% FR 62% OP 51%

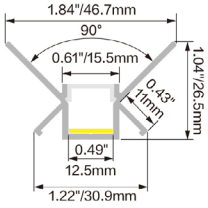


Accommodates 1 LED strip

Clip Options:
N/A

BE4615
Borderless Inside Corner

CL 60% FR 54% OP 44%

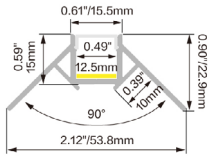


Accommodates 1 LED strip

Clip Options:
N/A

BE5315
Borderless Outside Corner

CL 59% FR 54% OP 44%

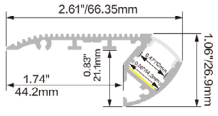


Accommodates 1 LED strip

Clip Options:
N/A

BE6728
Staircase

CL 54% FR 50% OP 41%

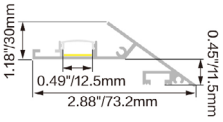


Accommodates 1 LED strip

Clip Options:
N/A

BE7030
Cove Recessed Borderless

OP 62%

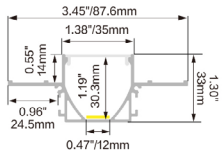


Accommodates 1 LED strip

Clip Options:
N/A

BE8833
Cove Recessed / Double-Layer Borderless

CL 58% FR 53% OP 44%



Accommodates 1 LED strip

Clip Options:
N/A

Connectors (Optional, purchase for extra)

Max. Run Length - With Connector

Tape Power	4.8W/M	9.6W/M	14.4W/M	19.2W/M	24W/M
Max. Run Length	9.0m	7.0m	5.6m	4.2m	3.3m

*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

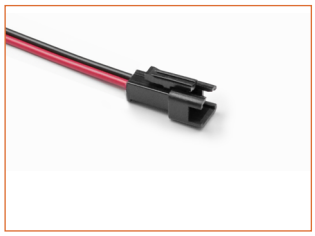


N6012-STDCB-2P-10
Strip to cable with black female connector,
for 10mm (0.39in.) tape, 2 pin,IP20

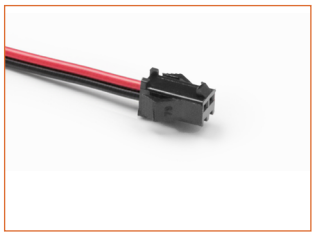


N6012-STDCW-2P-10
Strip to cable with white female connector,
for 10mm (0.39in.) tape, 2 pin,IP20

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

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

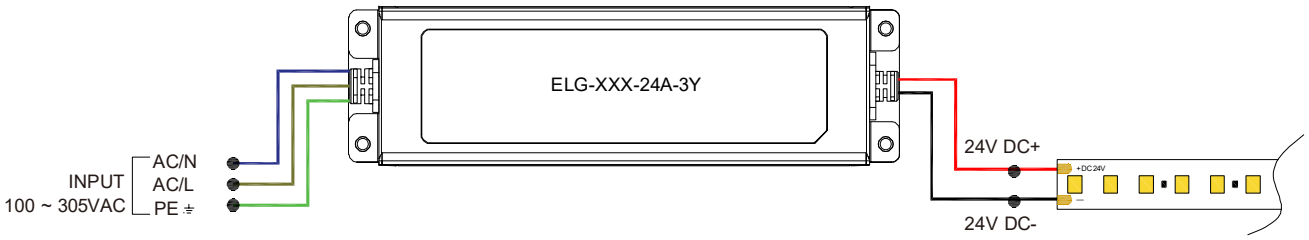
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

DALI-dimmable

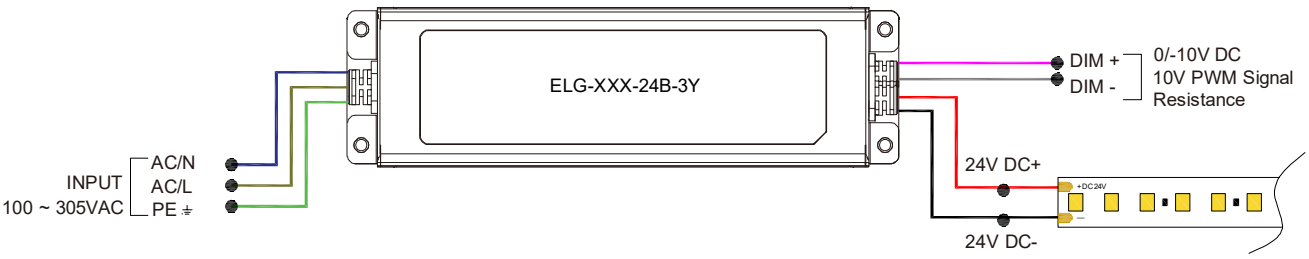
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

Wiring Diagram

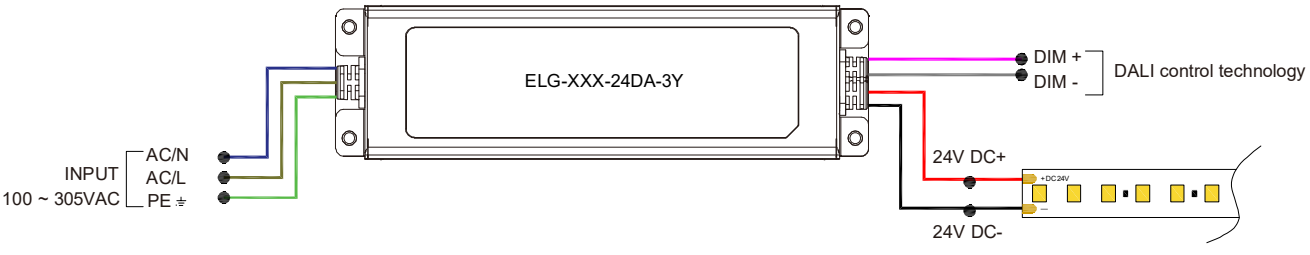
Non-dimmable



3 in 1-dimmable



DALI-dimmable



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