Beamever

AERO TAPE WAVE

Designer's Custom Playground

Indoor · Static White

Date

Fixture type

Project name

Project phase

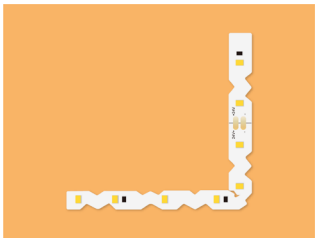
Features

- Side bending SMD tape for curved applications
- IP20 rated, ideal for indoor non-condensing uses
- 5 years warranty

Applications

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





Dimensions



Order Code

Model	Environment	Voltage	CCT	Power
AEROW	**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 **098**-9.8W/M **120**-12W/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	100mm (3.94in.)

*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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Lumen Output (lm/m)

CCT	4.8W/M	9.8W/M	12W/M
1800K	370	755	920
2200K	385	780	950
2400K	400	810	985
2700K	425	855	1040
3000K	438	884	1078
3500K	440	890	1089
4000K	455	920	1120
6500K	445	900	1100
Max. Run Length	8m	6m	5m

Techinical Details

Width	8mm (0.31in.)
LED Quantity	60 LEDs/M (18 LEDs/ft)
Beam Angle	120°
Efficacy	90lm/W @3000K 9.8W
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



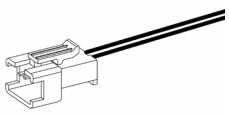
F: Front

C: Closed

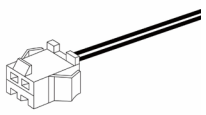
Connector Wire Options



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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Channel Compatibility

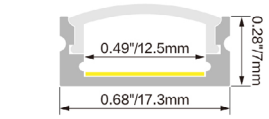
*Non-standard option, please contact us for customization support.

Lens Type & Light Transmission		
CL Clear	FR Frosted	OP Opal

Surface

BE1205

CL 83% FR 76% OP 62%



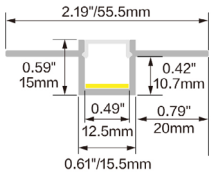
Accommodates 1 LED strip

Clip Options:
Metal/Plastic/Adjustable angle clip

Mud-in

BE5615

CL 60% FR 55% OP 45%

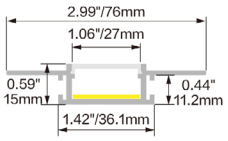


Accommodates 1 LED strip

Clip Options:
N/A

BE7615

CL 72% FR 66% OP 54%



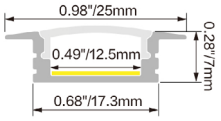
Accommodates up to 2 LED strips

Clip Options:
N/A

Recessed

BE1204

CL 84% FR 76% OP 63%

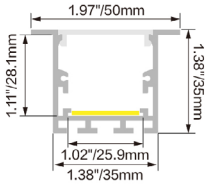


Accommodates 1 LED strip

Clip Options:
Metal/Plastic clip

BE5035

CL 54% FR 50% OP 41%

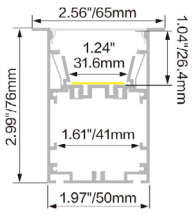


Accommodates up to 2 LED strips

Clip Options:
Spring clip

BE6575

CL 65% FR 59% OP 48%



Accommodates up to 2 LED strips

Clip Options:
N/A

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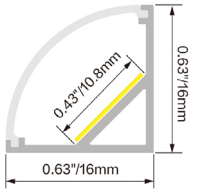
Corner

BE1002

CL 83% FR 76% OP 62%



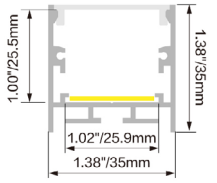
Accommodates 1 LED strip

Clip Options:
Metal/Plastic clip

Suspended

BE3535

CL 57% FR 52% OP 42%

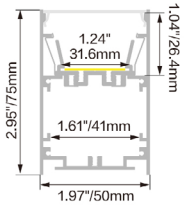


Accommodates up to 2 LED strips

Clip Options:
Metal clip

BE5075

CL 61% FR 55% OP 45%

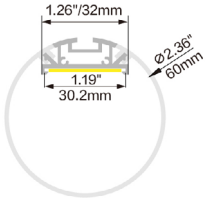


Accommodates up to 2 LED strips

Clip Options:
Metal clip

BE60

CL 86% FR 79% OP 64%



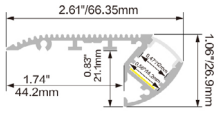
Accommodates up to 2 LED strips

Clip Options:
Metal clip

Specialty

BE6728
Staircase

CL 50% FR 46% OP 37%



Accommodates 1 LED strip

Clip Options:
N/A

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Connectors (Optional, purchase for extra)

Max. Run Length - With Connector

Tape Power	4.8W/M	9.8W/M	12W/M
Max. Run Length	8.0m	6.0m	5.0m

*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

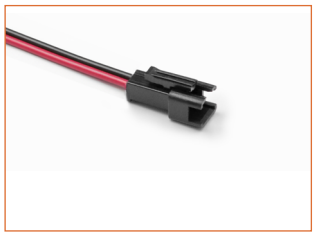


N6012-STDCB-2P-10
Strip to cable with black female connector,
for 10mm (0.39in.) tape, 2 pin,IP20

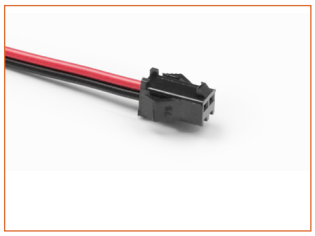


N6012-STDCW-2P-10
Strip to cable with white female connector,
for 10mm (0.39in.) tape, 2 pin,IP20

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

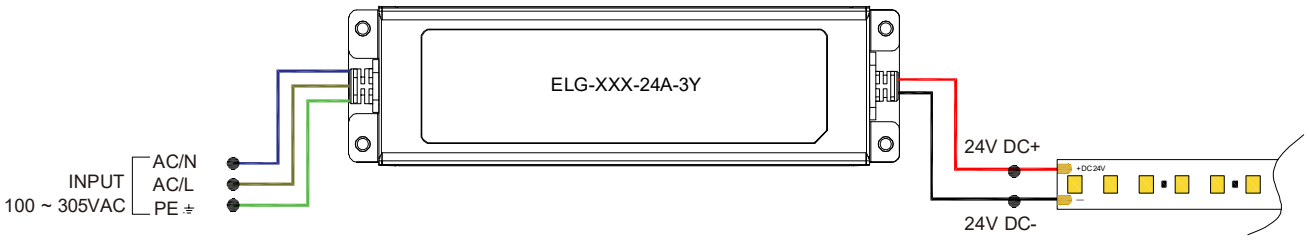
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

DALI-dimmable

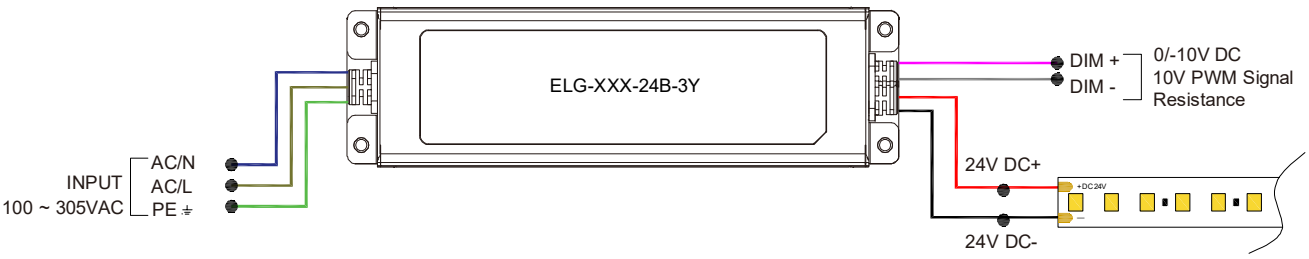
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

Wiring Diagram

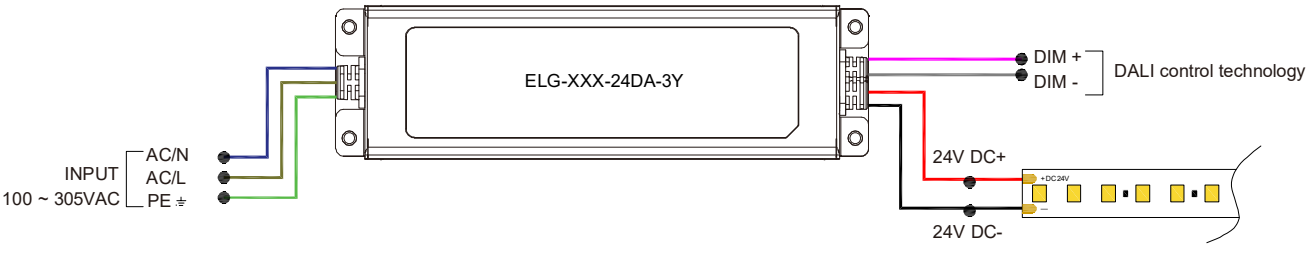
Non-dimmable



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