Beamever

Designer's Custom Playground

AERO TAPE LONG RUN WET X

Indoor · Static White

Features

- Long max run length up to 20m from single power feed
- IP67 rated, ideal for outdoor uses
- 5 years warranty

Date

Fixture type

Project name

Project phase

Applications

Gardens, parks, decks, patios, pathways, outdoor steps, etc.



Dimensions



Order Code

Model	Environment	Voltage	CCT	Power
AEROLR	**W7**-Wet (IP67)	**24V**-DC24V	**22K**-2200K **24K**-2400K **27K**-2700K **30K**-3000K **35K**-3500K **40K**-4000K **65K**-6500K	**050**-5W/M **100**-10W/M **150**-15W/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.

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Lumen Output (lm/m)

CCT	5W/M	10W/M	15W/M
2200K	505	1005	1500
2400K	525	1040	1555
2700K	555	1100	1640
3000K	575	1135	1695
3500K	580	1145	1710
4000K	595	1180	1765
6500K	585	1155	1730
Max. Run Length	20m	15m	11m

Techinical Details

Width	12mm (0.47in.)
LED Quantity	140 LEDs/M (42 LEDs/ft)
Beam Angle	120°
Efficacy	114lm/W @3000K 10W
CRI	Ra≥90
LED MacAdam	3 steps
Average Life (L70)	>54,000 hours
Max. Length Per Reel	30m(98.4ft)
Storage Temperature	-25°C~ 60°C
Ambient Temperature	-25°C~ 45°C

Feed Entry Options



F: Front

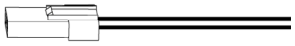


C: Closed

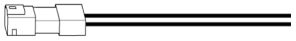
Connector Wire Options



OW: Open wire, **Dry only**
Standard 150mm(5.9in.),22 AWG,
wire length customizable



MC: Male connector, **Wet**
Standard 200mm(7.87in.), 22 AWG



FC: Female connector, **Wet**
Standard 200mm(7.87in.), 22 AWG

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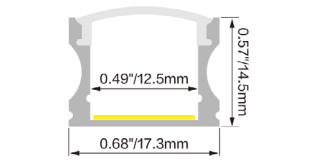
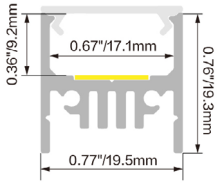
Channel Compatibility

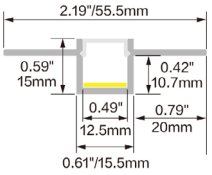
*Non-standard option, please contact us for customization support.

Lens Type & Light Transmission		
CL Clear	FR Frosted	OP Opal

Surface

BE1202	BE1919
CL 54% FR 50% OP 41%	CL 68% FR 62% OP 50%
	
Accommodates 1 LED strip	Accommodates 1 LED strip
Clip Options: Metal/Plastic/Adjustable angle clip	Clip Options: Metal clip

Mud-in

BE5615
CL 51% FR 47% OP 38%

Accommodates 1 LED strip
Clip Options: N/A

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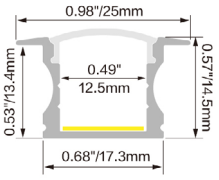
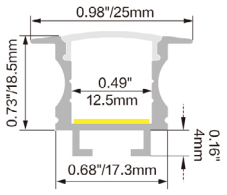
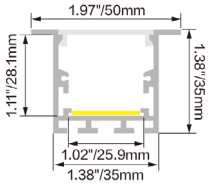
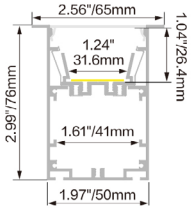
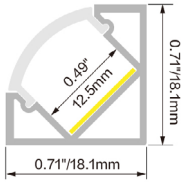
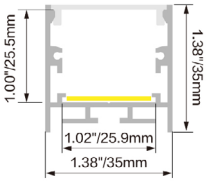
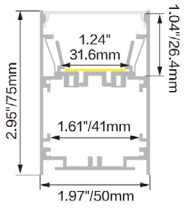
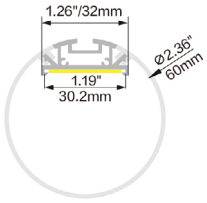
Recessed

BE1201	BE1207	BE5035	BE6575
CL 54% FR 50% OP 41%	CL 54% FR 49% OP 40%	CL 47% FR 43% OP 35%	CL 57% FR 52% OP 43%
			
Accommodates 1 LED strip	Accommodates 1 LED strip	Accommodates up to 2 LED strips	Accommodates up to 2 LED strips
Clip Options: Metal/Plastic clip	Clip Options: Spring clip	Clip Options: Spring clip	Clip Options: N/A

Corner

BE1203
CL 64% FR 59% OP 48%

Accommodates 1 LED strip
Clip Options: Metal/Plastic clip

Suspended

BE3535	BE5075	BE60
CL 49% FR 45% OP 37%	CL 56% FR 51% OP 42%	CL 80% FR 73% OP 60%
		
Accommodates up to 2 LED strips	Accommodates up to 2 LED strips	Accommodates up to 2 LED strips
Clip Options: Metal clip	Clip Options: Metal clip	Clip Options: Metal clip

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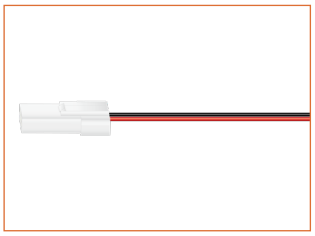
Connectors & Additional Accessories(Optional, purchase for extra)



CL-12
Mounting clip,
for 12mm (0.47in.) tape



SEC-C-12-67
Closed silicone end cap,
for 12mm (0.47in.) tape,
IP67 with glue sealing



JST-M-2P-67
Male connector,
200mm(7.87in.) red&black cable,
2 pin, IP67, 22 AWG



JST-F-2P-67
Female connector,
200mm(7.87in.) red&black cable,
2 pin, IP67, 22 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

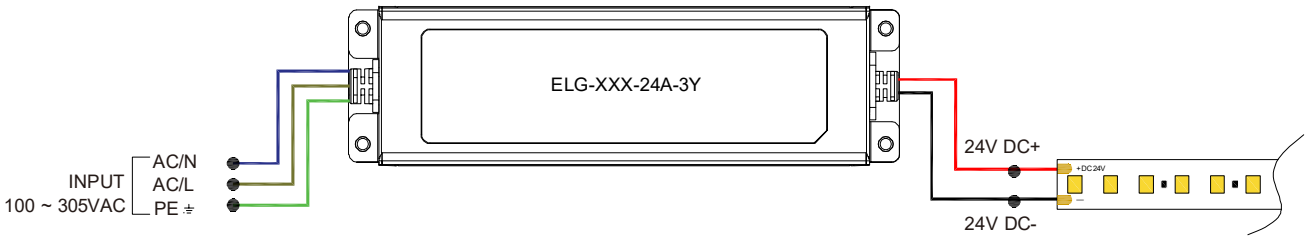
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

DALI-dimmable

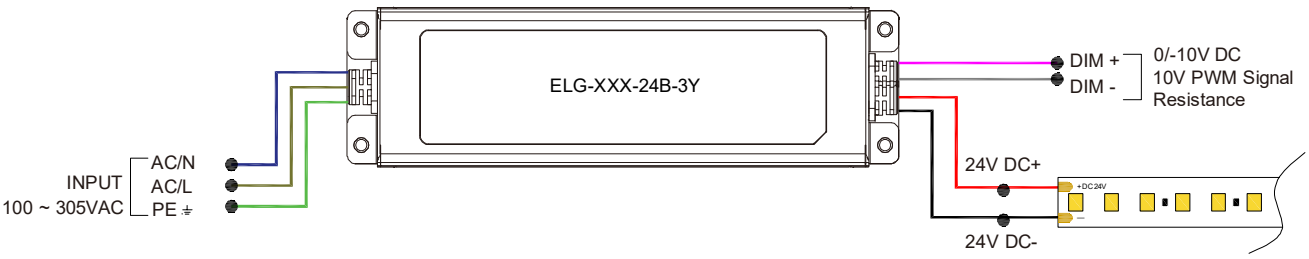
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

Wiring Diagram

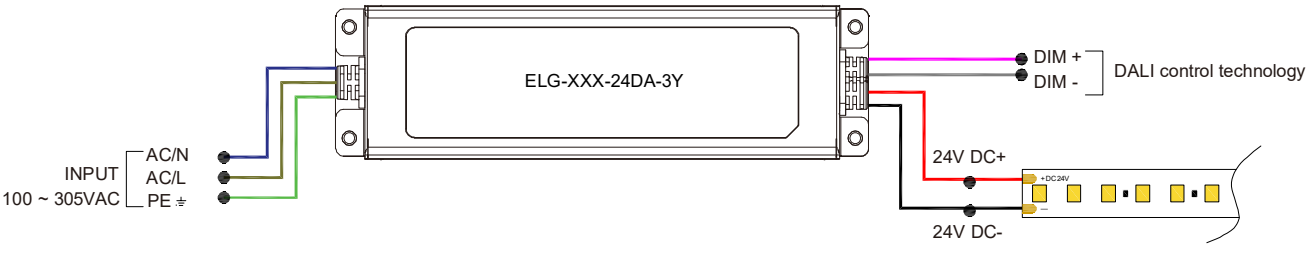
Non-dimmable



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