Beamever

Designer's Custom Playground

AERO TAPE HD WET X

Indoor · Static White

Features

- High density LED provides less visible diodes
- 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
AEROHD	**W7**-Wet (IP67)	**24V**-DC24V	**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	25mm (0.98in.)

*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	9.6W/M	14.4W/M	19.2W/M	24W/M
2200K	385	760	1140	1500	1870
2400K	400	780	1180	1550	1940
2700K	420	830	1230	1640	2050
3000K	435	850	1270	1690	2110
3500K	440	860	1300	1710	2140
4000K	450	890	1340	1760	2200
6500K	440	870	1300	1730	2160
Max. Run Length	10m	7m	5m	6m	5m

Techinical Details

Width	12mm (0.47in.)
LED Quantity	240 LEDs/M (72 LEDs/ft)
Beam Angle	120°
Efficacy	89lm/W @3000K 9.6W
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

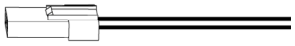


C: Closed

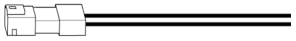
Connector Wire Options



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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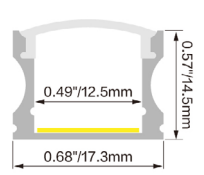
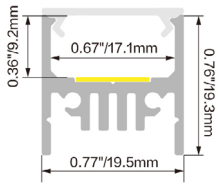
Channel Compatibility

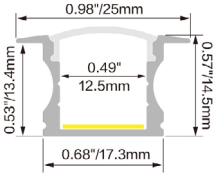
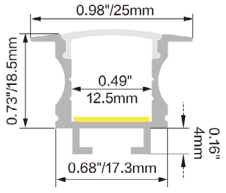
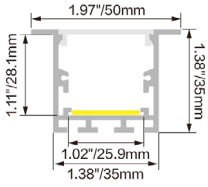
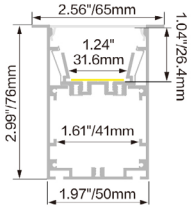
*Non-standard option, please contact us for customization support.

Lens Type & Light Transmission		
CL Clear	FR Frosted	OP Opal

Surface

BE1202	BE1919
CL 52% FR 48% OP 39%	CL 66% FR 60% OP 49%
	
Accommodates 1 LED strip	Accommodates 1 LED strip
Clip Options: Metal/Plastic/Adjustable angle clip	Clip Options: Metal clip

Recessed

BE1201	BE1207	BE5035	BE6575
CL 52% FR 48% OP 39%	CL 52% FR 47% OP 39%	CL 46% FR 42% OP 35%	CL 56% FR 51% OP 42%
			
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

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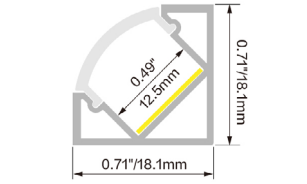
Corner

BE1203

CL 63% FR 57% OP 47%



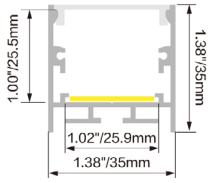
Accommodates 1 LED strip

Clip Options:
Metal/Plastic clip

Suspended

BE3535

CL 48% FR 44% OP 36%

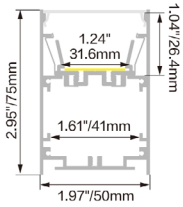


Accommodates up to 2 LED strips

Clip Options:
Metal clip

BE5075

CL 56% FR 51% OP 42%

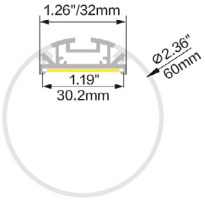


Accommodates up to 2 LED strips

Clip Options:
Metal clip

BE60

CL 78% FR 71% OP 58%



Accommodates up to 2 LED strips

Clip Options:
Metal clip

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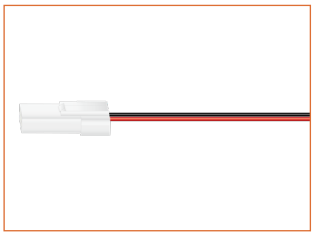
Connectors & Additional Accessories(Optional, purchase for extra)



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

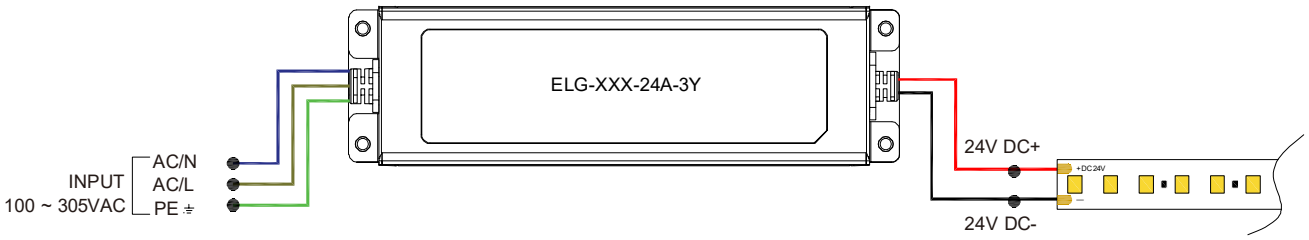
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

DALI-dimmable

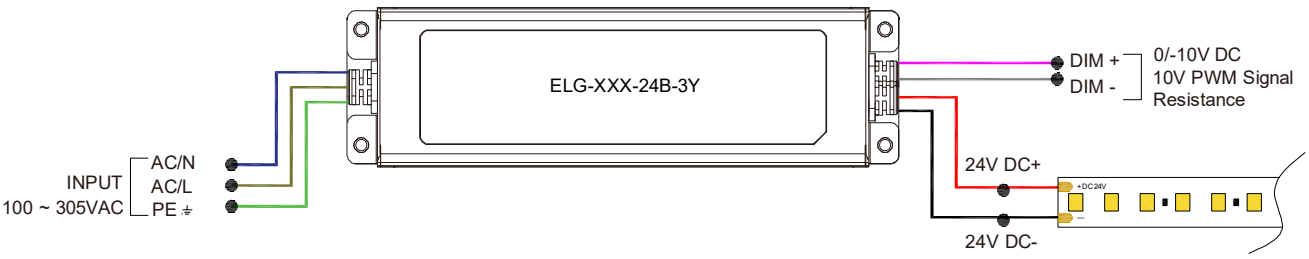
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

Wiring Diagram

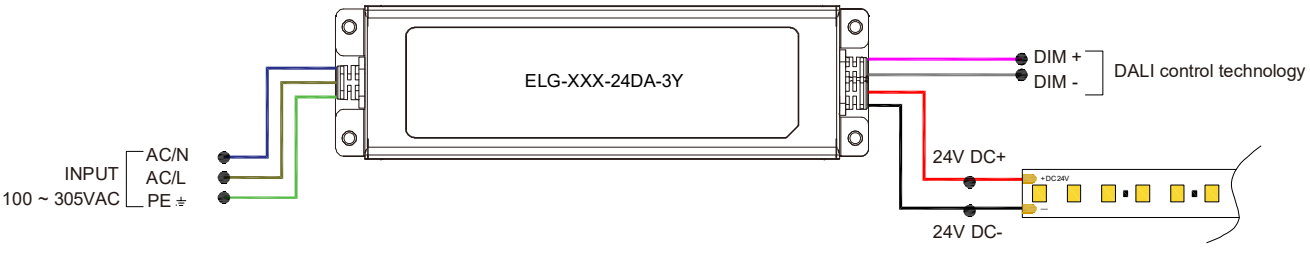
Non-dimmable



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