AERO TAPE DAMP

Indoor · Static White

Features

- Various output & CCT options
- IP65 rated, ideal for damp location and sheltered exterior
- 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	**D5**-Damp (IP65)	**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	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	4.8W/M	9.6W/M	14.4W/M	19.2W/M	24W/M
2200K	365	700	980	1260	1460
2400K	390	740	1030	1330	1540
2700K	410	780	1090	1410	1630
3000K	430	820	1150	1480	1710
3500K	450	850	1200	1540	1780
4000K	460	880	1230	1580	1830
6500K	440	840	1170	1510	1750
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	85lm/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

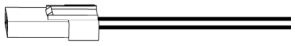


C: Closed

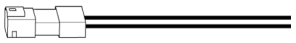
Connector Wire Options



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

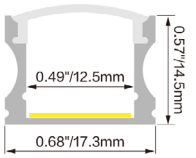
*Non-standard option, please contact us for customization support.

Lens Type & Light Transmission		
CL Clear	FR Frosted	OP Opal

Surface

BE1202

CL 58% FR 53% OP 44%

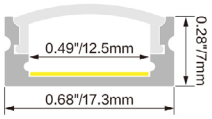


Accommodates 1 LED strip

Clip Options:
Metal/Plastic/Adjustable angle clip

BE1205

CL 78% FR 71% OP 58%

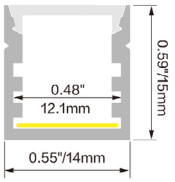


Accommodates 1 LED strip

Clip Options:
Metal/Plastic/Adjustable angle clip

BE1415

CL 49% FR 44% OP 36%

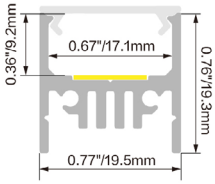


Accommodates 1 LED strip

Clip Options:
Metal clip

BE1919

CL 69% FR 63% OP 52%

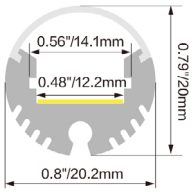


Accommodates 1 LED strip

Clip Options:
Metal clip

BE2020

CL 72% FR 66% OP 54%



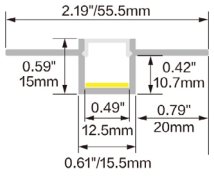
Accommodates 1 LED strip

Clip Options:
Metal clip

Mud-in

BE5615

CL 54% FR 49% OP 40%

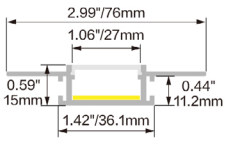


Accommodates 1 LED strip

Clip Options:
N/A

BE7615

CL 67% FR 61% OP 50%



Accommodates up to 2 LED strips

Clip Options:
N/A

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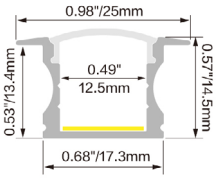
Recessed

BE1201

CL 56% FR 52% OP 42%

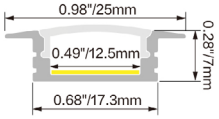


Accommodates 1 LED strip

Clip Options:
Metal/Plastic clip

BE1204

CL 77% FR 70% OP 57%

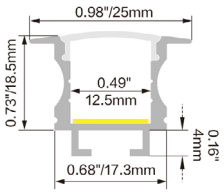


Accommodates 1 LED strip

Clip Options:
Metal/Plastic clip

BE1207

CL 57% FR 52% OP 42%

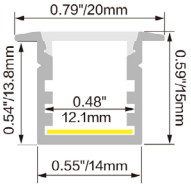


Accommodates 1 LED strip

Clip Options:
Spring clip

BE2015

CL 50% FR 46% OP 38%

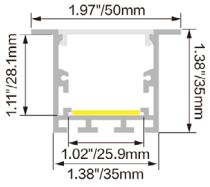


Accommodates 1 LED strip

Clip Options:
N/A

BE5035

CL 49% FR 45% OP 36%

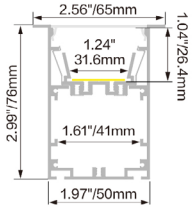


Accommodates up to 2 LED strips

Clip Options:
Spring clip

BE6575

CL 59% FR 54% OP 44%



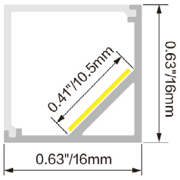
Accommodates up to 2 LED strips

Clip Options:
N/A

Corner

BE1001

CL 81% FR 74% OP 60%

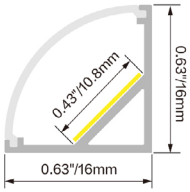


Accommodates 1 LED strip

Clip Options:
Metal/Plastic clip

BE1002

CL 80% FR 73% OP 60%

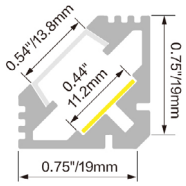


Accommodates 1 LED strip

Clip Options:
Metal/Plastic clip

BE1101

CL 52% FR 47% OP 39%

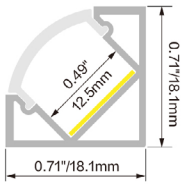


Accommodates 1 LED strip

Clip Options:
Metal clip

BE1203

CL 69% FR 63% OP 51%



Accommodates 1 LED strip

Clip Options:
Metal/Plastic clip

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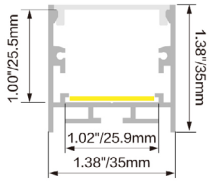
Suspended

BE3535

CL 51% FR 46% OP 38%

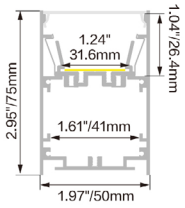


Accommodates up to 2 LED strips

Clip Options:
Metal clip

BE5075

CL 60% FR 54% OP 45%

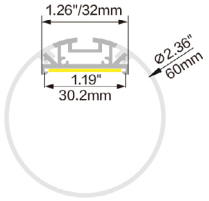


Accommodates up to 2 LED strips

Clip Options:
Metal clip

BE60

CL 84% FR 76% OP 62%



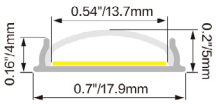
Accommodates up to 2 LED strips

Clip Options:
Metal clip

Specialty

BE1806
Bendable surface mounted

CL 79% FR 72% OP 59%

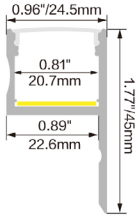


Accommodates 1 LED strip

Clip Options:
Metal clip

BE2009
Coves

CL 53% FR 48% OP 39%

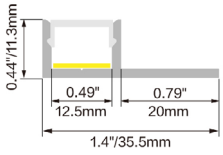


Accommodates 1 LED strip

Clip Options:
N/A

BE3511
Borderless Bi-Color Panel

CL 61% FR 55% OP 45%

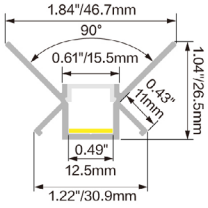


Accommodates 1 LED strip

Clip Options:
N/A

BE4615
Borderless Inside Corner

CL 54% FR 49% OP 40%

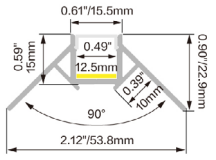


Accommodates 1 LED strip

Clip Options:
N/A

BE5315
Borderless Outside Corner

CL 54% FR 49% OP 40%

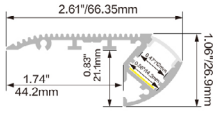


Accommodates 1 LED strip

Clip Options:
N/A

BE6728
Staircase

CL 51% FR 46% OP 38%

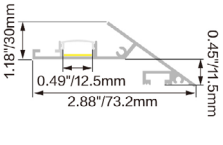


Accommodates 1 LED strip

Clip Options:
N/A

BE7030
Cove Recessed Borderless

OP 57%

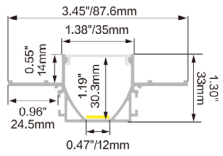


Accommodates 1 LED strip

Clip Options:
N/A

BE8833
Cove Recessed / Double-Layer Borderless

CL 55% FR 50% OP 41%



Accommodates 1 LED strip

Clip Options:
N/A

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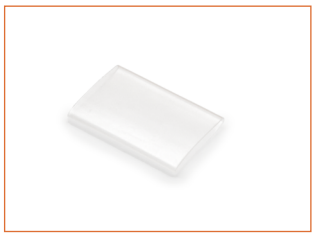
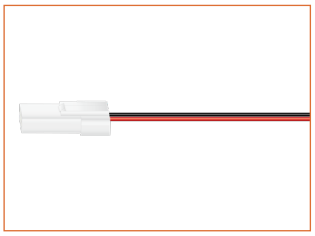
Connectors & Additional Accessories(Optional, purchase for extra)



CL-10
Mounting clip,
for 10mm (0.39in.) tape



SEC-C-10-65
Closed silicone end cap,
for 10mm (0.39in.) tape,
IP65 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

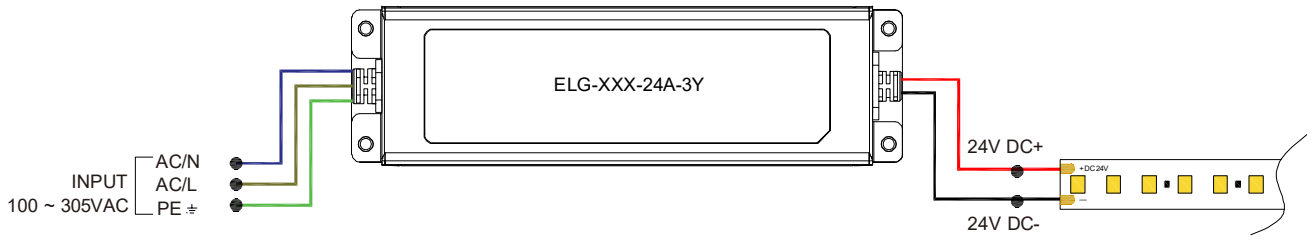
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

DALI-dimmable

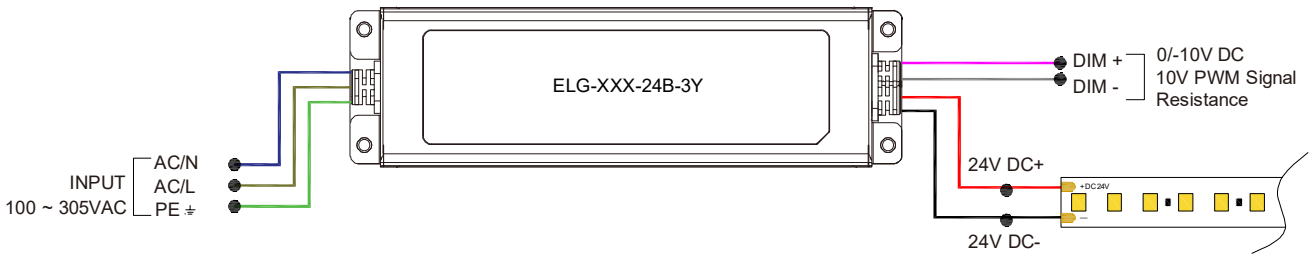
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

Wiring Diagram

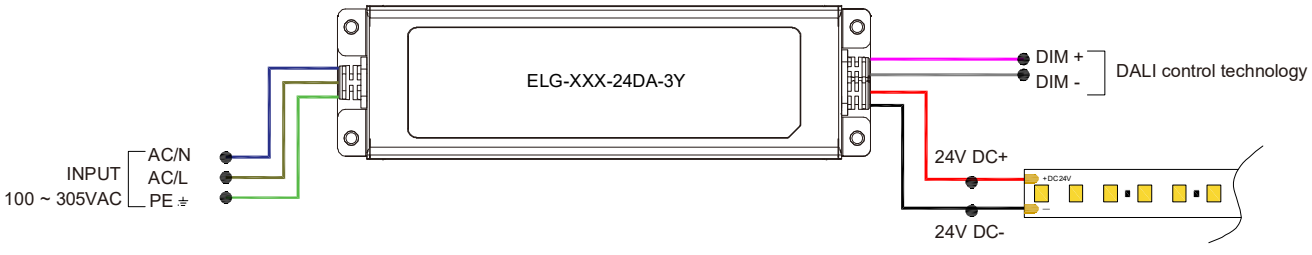
Non-dimmable



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