AERO TAPE DAMP Indoor · Static White

Features

- Max run length up to 5m (16.4ft) from single power feed
- Field cuttable
- Low voltage DC24V
- 300~1800 lumen outputs
- IP65 rated, ideal for indoor uses
- 5 years warranty

Date | Fixture type

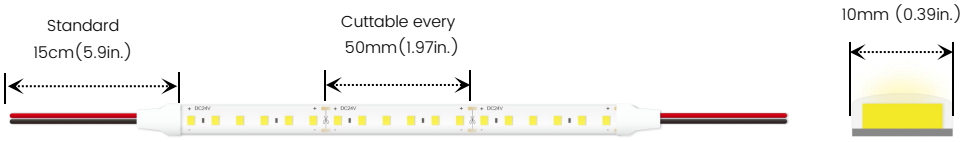
Project name | Project phase

Applications

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



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	CCT	Power
AERO	**D5**-Damp (IP65)	**24V**-DC24V	**22K**-2200K	**048**-4.8W/M
			24K-2400K	**096**-9.6W/M
			27K-2700K	**144**-14.4W/M
			30K-3000K	**192**-19.2W/M
			35K-3500K	**240**-24W/M
			40K-4000K	
			65K-6500K	

Assembly Builder

Left Feed Entry			
F	Front	**OW**	Open wire 15cm (5.9in.), 20 AWG
C	Closed	**MC**	Male connector with 20cm (0.66ft) cable, 22 AWG
		FC	Female connector with 20cm (0.66ft) cable, 22 AWG
		NA	Only for Closed Feed Entry

Assembly Builder

Right Feed Entry				Length	
F	Front	**OW**	Open wire 15cm (5.9in.), 20 AWG	**Increment**	50mm(1.97in.)
C	Closed	**MC**	Male connector with 20cm (0.66ft) cable, 22 AWG		
		FC	Female connector with 20cm (0.66ft) cable, 22 AWG		
		NA	Only for Closed Feed Entry		

*We will list the nearest actual manufacturing length on the quotation, based on your requested length.

Extrusion Order Code

Product Code	Colors	Lens	Lengths
Please select on the Extrusion Compatibility page	■ **S** = Silver anodized □ **W** = White lacquered ■ **B** = Black anodized	**OP** - Opal **FR** - Frosted **CL** - Clear	**1m** (3.28ft) **2m** (6.56ft)

*For custom RAL colors, please inquire.

*Extrusions are sold separately. Refer to corresponding spec sheets for ordering info on extrusions and their accessories (endcaps, mounting brackets, etc.)

Lumen Output (lm/m)

CCT	4.8W/M	9.6W/M	14.4W/M	19.2W/M	24W/M
2200K	366	697	978	1258	1458
2400K	387	738	1035	1332	1544
2700K	409	779	1093	1406	1629
3000K	430	820	1150	1480	1715
3500K	447	853	1196	1539	1784
4000K	460	877	1231	1584	1835
6500K	439	836	1173	1510	1749
Max. Run Length (M)	9	7	6	6	5

Technical Details	
Width	10mm (0.39in.)
LED Quantity	120 LEDs/M (36 LEDs/ft)
Beam Angle	120°
Efficacy	85.5lm/W @4000K 14.4W
CRI	Ra≥90
LED MacAdam	3 steps
Average Life (L70)	> 54,000 hours
Max. Length Per Reel	30m (98.4ft)
Storage Temperature	-20℃~ 60℃
Ambient Temperature	-20℃~ 45℃

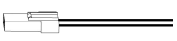
Feed Entry Options

F: Front

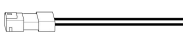
C: Closed

Connector Wire Options

OW: Open wire, **Dry only**
Standard 15cm(0.59in.), 20 AWG
(wire length customizable)



MC: Male connector, **Wet**,
Standard 20cm(0.66ft), 22 AWG



FC: Female connector, **Wet**,
Standard 20cm(0.66ft), 22 AWG

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Channel Compatibility

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

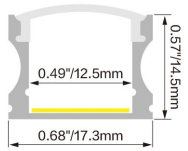
Lens Type & Light Transmission

CL Clear FR Frosted OP Opal

Surface

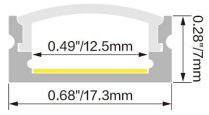
BE1202

CL 58% FR 53% OP 44%



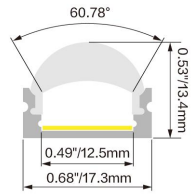
BE1205

CL 78% FR 71% OP 58%



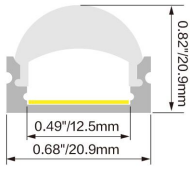
BE1302

CL 77% FR 70% OP 57%



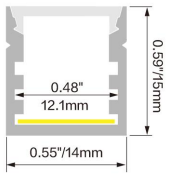
BE1303

CL 59% FR 54% OP 44%



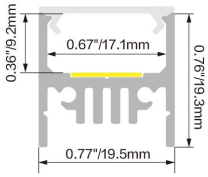
BE1415

CL 49% FR 44% OP 36%



BE1919

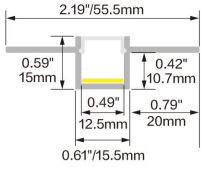
CL 69% FR 63% OP 52%



Mud-In

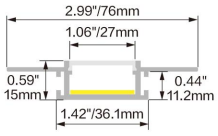
BE5615

CL 54% FR 49% OP 40%



BE7615

CL 67% FR 61% OP 50%

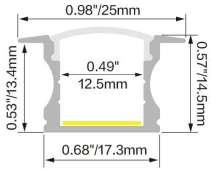


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Recessed

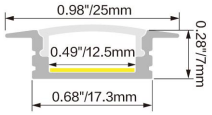
BE1201

CL 56% FR 52% OP 42%



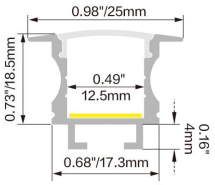
BE1204

CL 77% FR 70% OP 57%



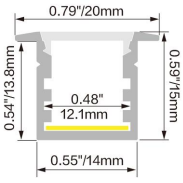
BE1207

CL 57% FR 52% OP 42%



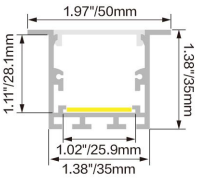
BE2015

CL 50% FR 46% OP 38%



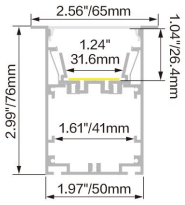
BE5035

CL 49% FR 45% OP 36%



BE6575

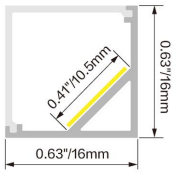
CL 59% FR 54% OP 44%



Corner

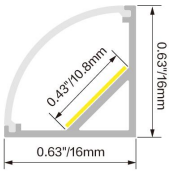
BE1001

CL 81% FR 74% OP 60%



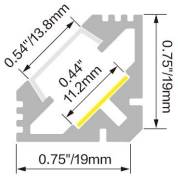
BE1002

CL 80% FR 73% OP 60%



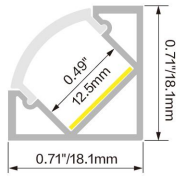
BE1101

CL 52% FR 47% OP 39%



BE1203

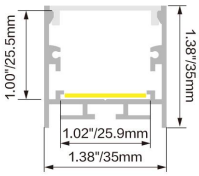
CL 69% FR 63% OP 51%



Suspended

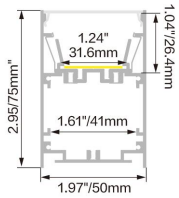
BE3535

CL 51% FR 46% OP 38%



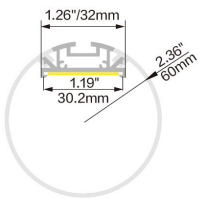
BE5075

CL 60% FR 54% OP 45%



BE60

CL 84% FR 76% OP 62%

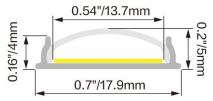


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Specialty

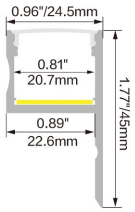
BE1806
Bendable surface mounted

CL 79% FR 72% OP 59%



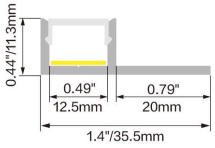
BE2009
Coves

CL 53% FR 48% OP 39%



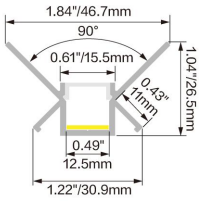
BE3511
Borderless Bi-Color Panel

CL 61% FR 55% OP 45%



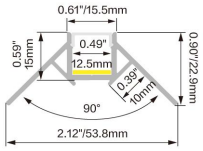
BE4615
Borderless Inside Corner

CL 54% FR 49% OP 40%



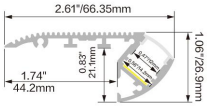
BE5315
Borderless Outside Corner

CL 54% FR 49% OP 40%



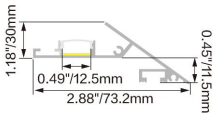
BE6728
Staircase

CL 51% FR 46% OP 38%



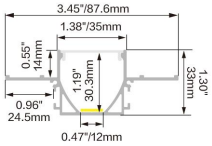
BE7030
Cove Recessed Borderless

OP 57%



BE8833
Cove Recessed / Double-Layer Borderless

CL 55% FR 50% OP 41%



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Connectors & Additional Accessories (Optional, purchase for extra)

CL-10-65
Mounting clip, for 10mm (0.39") tape,

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

JST-M-2P-67
Male connector with 20cm(0.66ft) white cable, 2 pin, IP67, Wet, 22 AWG

JST-F-2P-67
Female connector with 20cm(0.66ft) white cable, 2 pin, IP67, Wet, 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)
XLG-150-24-A	150W	100-305VAC	24V	Dry/Damp/IP67	180 * 63 * 35.5 mm
LPV-150-24	150W	180-305VAC		Dry/Damp/IP67	148 * 40 * 30 mm
LRS-150-24	150W	85-132VAC / 170-264VAC		Dry	99 * 97 * 30 mm

3 in 1-dimmable

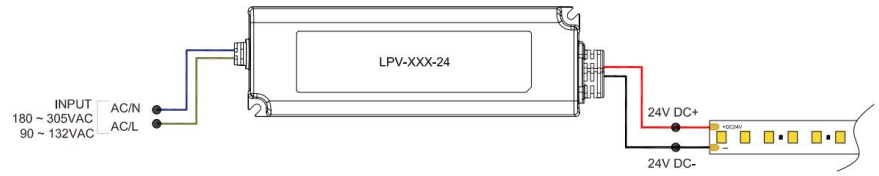
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm
PWM-120-24	120W	90-305VAC / 127-431VDC		Dry/Damp/IP67	191 * 63 * 37.5 mm

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

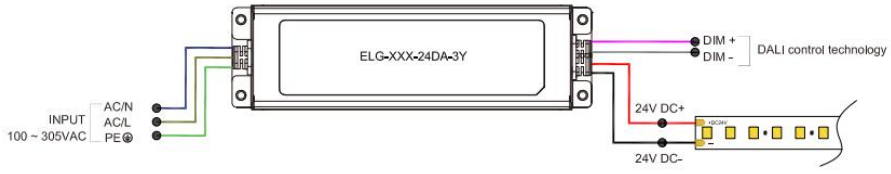
Non-dimmable



3 in 1-dimmable



DALI-dimmable



AERO TAPE DAMP Indoor · Static White

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