AERO TAPE HD DAMP

Indoor · Static White

Features

- High-density LED strips offer bright, uniform, flexible lighting
- Field cuttable
- Low voltage DC24V
- 400~2100 lumen outputs
- IP65 rated, ideal for indoor uses
- 5 years warranty

Date | Fixture type

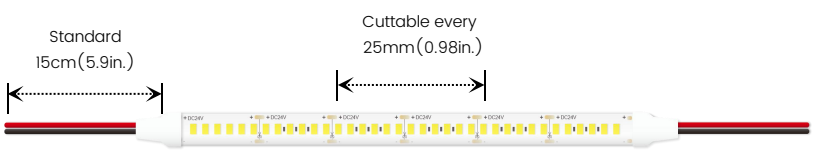
Project name | Project phase

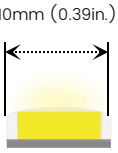
Applications

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



Dimensions





Order Code (For LED tape)

Series	Environment	Voltage	CCT	Power
AEROHD	**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 30cm (0.98ft) cable, 20 AWG
		FC	Female connector with 30cm (0.98ft) cable, 20 AWG
		NA	Only for Closed Feed Entry

Assembly Builder

		Right Feed Entry		Length	
F	Front	**OW**	Open wire 15cm (5.9in.), 20 AWG	**Increment**	25mm(0.98in.)
C	Closed	**MC**	Male connector with 30cm (0.98ft) cable, 20 AWG		
		FC	Female connector with 30cm (0.98ft) cable, 20 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	380	748	1117	1485	1853
2400K	394	775	1156	1537	1918
2700K	416	819	1222	1624	2027
3000K	429	845	1261	1677	2093
3500K	434	854	1274	1694	2114
4000K	447	880	1314	1747	2180
6500K	438	863	1287	1712	2136
Max. Run Length (M)	10	7	5	6	5

Technical Details	
Width	10mm (0.39in.)
LED Quantity	240 LEDs/M (72 LEDs/ft)
Beam Angle	120°
Efficacy	91.3lm/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℃

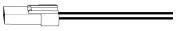
Feed Entry Options

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.

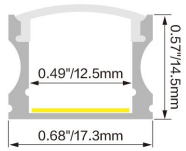
Lens Type & Light Transmission

CL Clear FR Frosted OP Opal

Surface

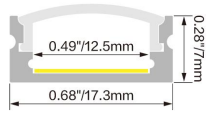
BE1202

CL 60% FR 55% OP 45%



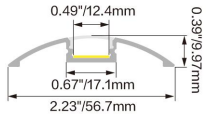
BE1205

CL 81% FR 74% OP 60%



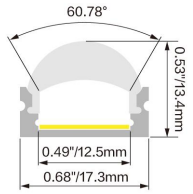
BE1206

CL 75% FR 68% OP 56%



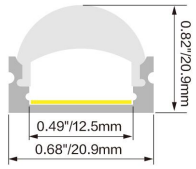
BE1302

CL 80% FR 73% OP 60%



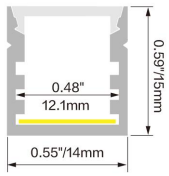
BE1303

CL 60% FR 55% OP 45%



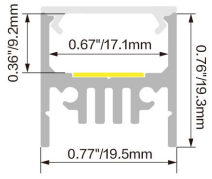
BE1415

CL 50% FR 46% OP 37%



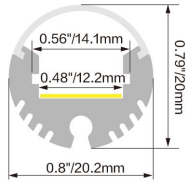
BE1919

CL 72% FR 66% OP 54%



BE2020

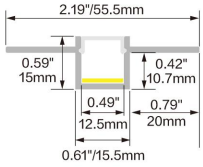
CL 74% FR 67% OP 55%



Mud-In

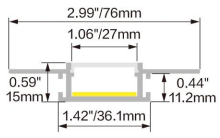
BE5615

CL 56% FR 51% OP 42%



BE7615

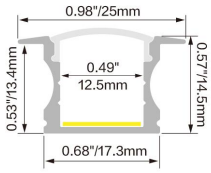
CL 68% FR 62% OP 51%



Recessed

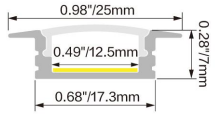
BE1201

CL 57% FR 52% OP 43%



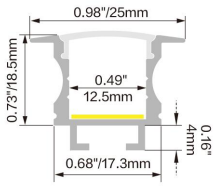
BE1204

CL 81% FR 74% OP 61%



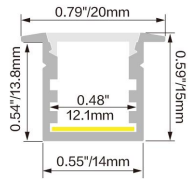
BE1207

CL 61% FR 56% OP 45%



BE2015

CL 52% FR 47% OP 39%

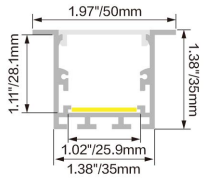


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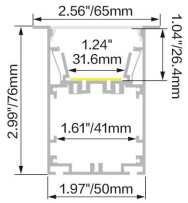
BE5035

CL 51% FR 47% OP 38%



BE6575

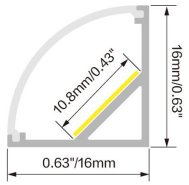
CL 63% FR 57% OP 47%



Corner

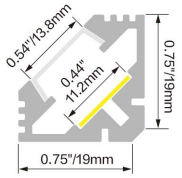
BE1002

CL 86% FR 78% OP 64%



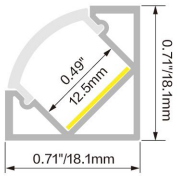
BE1101

CL 53% FR 49% OP 40%



BE1203

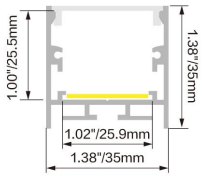
CL 71% FR 65% OP 53%



Suspended

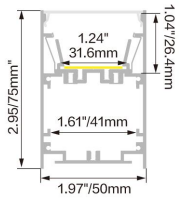
BE3535

CL 53% FR 49% OP 40%



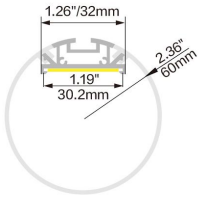
BE5075

CL 62% FR 56% OP 46%



BE60

CL 86% FR 79% OP 65%

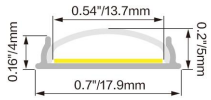


Specialty

BE1806

Bendable surface mounted

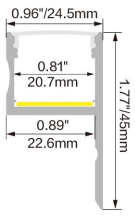
CL 87% FR 79% OP 65%



BE2009

Coves

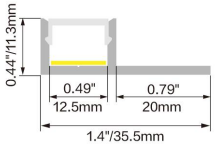
CL 55% FR 50% OP 41%



BE3511

Borderless Bi-Color Panel

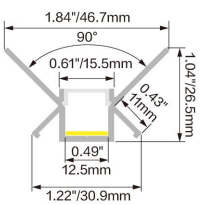
CL 63% FR 58% OP 47%



BE4615

Borderless Inside Corner

CL 56% FR 51% OP 42%

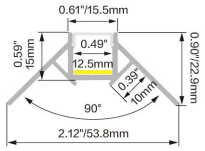


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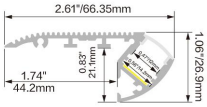
BE5315
Borderless Outside Corner

CL 55% FR 50% OP 41%



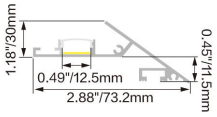
BE6728
Staircase

CL 51% FR 46% OP 38%



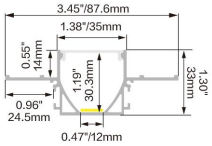
BE7030
Cove Recessed Borderless

OP 60%



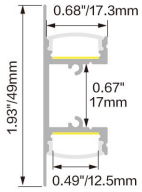
BE8833
Cove Recessed / Double-Layer Borderless

CL 58% FR 53% OP 43%



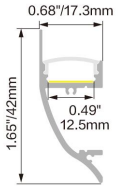
BE1402
Wall lighting

CL 54% FR 49% OP 40%



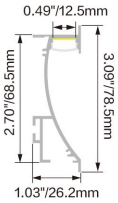
BE1403
Wall lighting

CL 73% FR 67% OP 55%



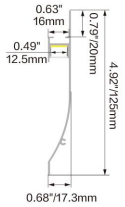
BE6916
Recessed

CL 57% FR 52% OP 43%



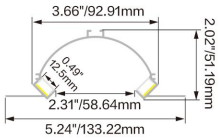
BE12017
Toekick

CL 48% FR 44% OP 36%



BE13350
Coves

CL 44% FR 40% OP 33%



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

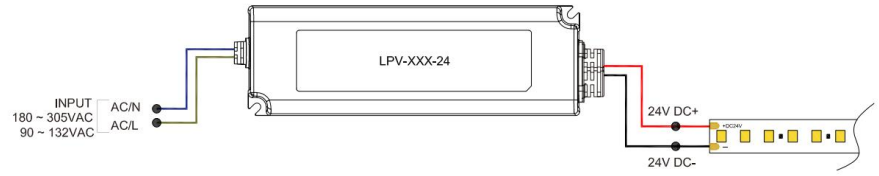
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm
PWM-120-24	120W	90-305VAC		Dry/Damp/IP67	191 * 63 * 37.5 mm

DALI control technology

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

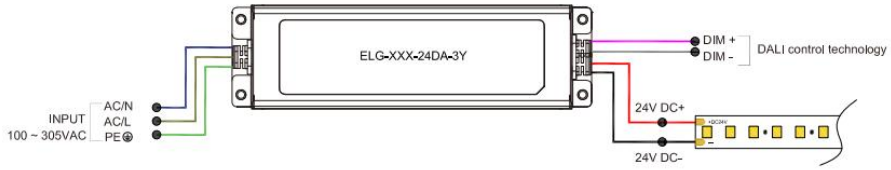
Non-dimmable



3 in 1-dimmable



DALI Control Technology



AERO TAPE HD 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