AERO TAPE ECO

Indoor · Static White

Features

- Budget friendly SMD tape with various output & CCT options
- IP20 rated, ideal for indoor non-condensing uses
- 5 years warranty

Date | Fixture type

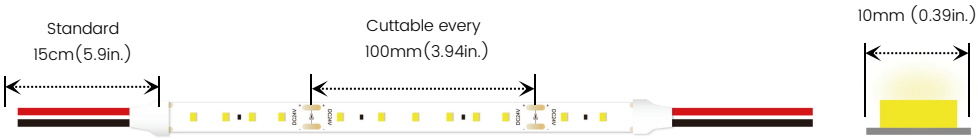
Project name | Project phase

Applications

Under cabinets, coves, shelves, bedrooms, offices, hallways, etc.



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	CCT	Power
AEROE	**D2-**Dry (IP20)	**24V**-DC24V	**18K**-1800K **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

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, 20 AWG
		FC	Female connector with 20cm (0.66ft) 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**	100mm(3.94in.)
C	Closed	**MC**	Male connector with 20cm (0.66ft) cable, 20 AWG		
		FC	Female connector with 20cm (0.66ft) cable, 20 AWG		
		NA	Only for Closed Feed Entry		

*For customizations, please inquire.

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.)

CCT	4.8W/M	9.6W/M	14.4W/M
1800K	387	766	1145
2200K	402	794	1187
2400K	416	822	1229
2700K	439	869	1298
3000K	454	896	1340
3500K	458	906	1354
4000K	473	934	1396
6500K	463	916	1368
Max. Run Length (M)	11	8	6

Technical Details	
Width	10mm(0.39in.)
LED Quantity	60 LEDs/M(18 LEDs/ft)
Beam Angle	120°
Efficacy	97lm/W @4000K 14.4W
CRI	Ra≥90
LED MacAdam	3 steps
Average Life (L70)	> 50,000 hours
Max. Length Per Reel	50m(164ft)
Storage Temperature	-25℃~ 60℃
Ambient Temperature	-25℃~ 45℃

Feed Entry Options

F: Front



C: Closed



Connector Wire Options

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



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



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

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Channel Compatibility

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

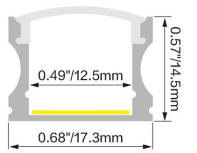
Lens Type & Light Transmission

CL Clear FR Frosted OP Opal

Surface

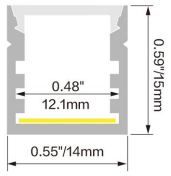
BE1202

CL 63% FR 58% OP 47%



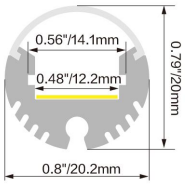
BE1415

CL 54% FR 49% OP 40%



BE2020

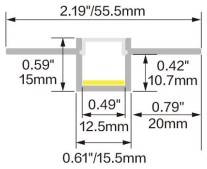
CL 79% FR 72% OP 59%



Mud-In

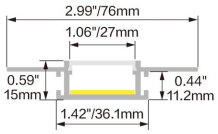
BE5615

CL 59% FR 54% OP 44%



BE7615

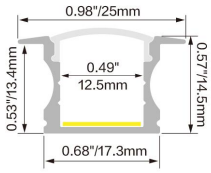
CL 71% FR 65% OP 53%



Recessed

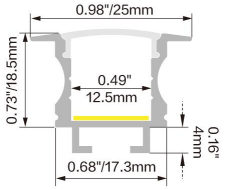
BE1201

CL 63% FR 57% OP 47%



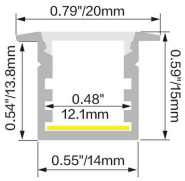
BE1207

CL 62% FR 57% OP 47%



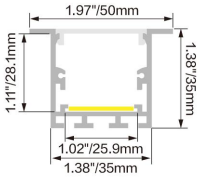
BE2015

CL 55% FR 51% OP 41%



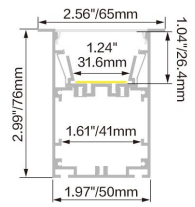
BE5035

CL 53% FR 48% OP 40%



BE6575

CL 65% FR 59% OP 48%



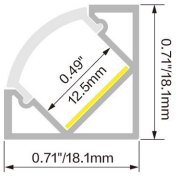
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Corner

BE1203

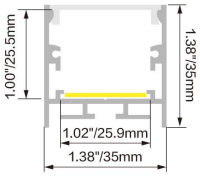
CL 73% FR 67% OP 55%



Suspended

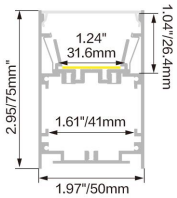
BE3535

CL 55% FR 50% OP 41%



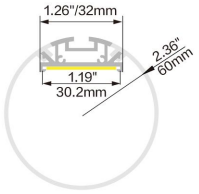
BE5075

CL 63% FR 57% OP 47%



BE60

CL 86% FR 79% OP 64%

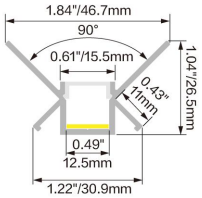


Specialty

BE4615

Borderless Inside Corner

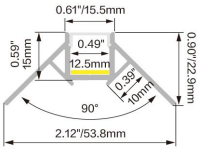
CL 59% FR 54% OP 44%



BE5315

Borderless Outside Corner

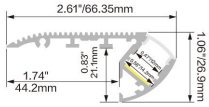
CL 59% FR 54% OP 44%



BE6728

Staircase

CL 54% FR 49% OP 40%



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Connectors & Additional Accessories (Optional, purchase for extra)

N6012-STCN-2P-10
Strip to cable connector without wire, for 10mm (0.39in.) tape, 2 pin



N6012-STC-2P-10
Strip to cable connector with 5.91in. (15cm) wire, for 10mm (0.39in.) tape, 2 pin



N6012-STSJ-2P-10
Strip to strip jumper connector with 5.91in. (15cm) wire, for 10mm (0.39in.) tape, 2 pin



N6012-STDCB-2P-10
Strip to cable with black male & female connector, for 10mm (0.39in.) tape, 2 pin



N6012-STDCW-2P-10
Strip to cable with white male & female connector, for 10mm (0.39in.) tape, 2 pin

N6012-STS-2P-10
Strip to strip connector, for 10mm (0.39in.) tape, 2 pin



C6012-LC-2P-10
L-shaped corner connector, for 10mm (0.39in.) tape, 2 pin



C6012-RC-2P-10
R-shaped corner connector, for 10mm (0.39in.) tape, 2 pin



MC-2P-20
Male SM connector with 20cm(0.66ft) cable, 2pin, IP20,Dry, 20AWG



FC-2P-20
Female SM connector with 20cm(0.66ft) cable, 2pin, IP20, Dry, 20AWG



VHB
VHB 3M adhesive back tape, stronger stickiness

Drivers

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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

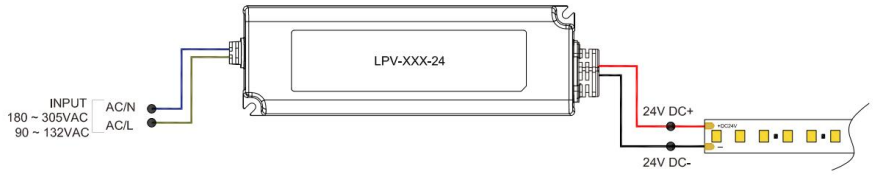
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm
PWM-120-24	120W	90-305VAC		Dry/Damp/IP67	191 * 63 * 37.5 mm

DALI-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

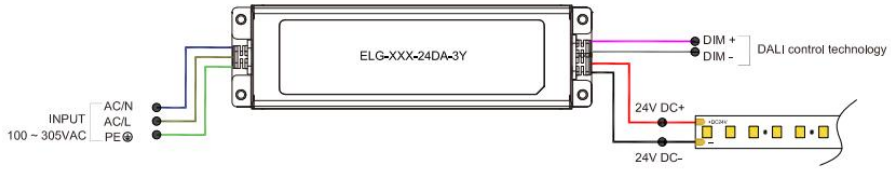
Non-dimmable



3 in 1-dimmable



DALI-dimmable



24V Voltage Drop & Maximum Wire Length Chart

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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