AERO TAPE FREE CUT

Indoor · Static White

Features

- Small increment cuttable every 8.3mm(0.33in.) spacing of diode
- 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
AEROFC	**D2**-Dry (IP20)	**24V**-DC24V	**18K**-1800K **22K**-2200K **24K**-2400K **27K**-2700K **30K**-3000K **35K**-3500K **40K**-4000K **65K**-6500K	**120**-12W/M **140**-14W/M **190**-19W/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**	8.3mm (0.33in.)
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	12W/M	14W/M	19W/M
1800K	946	1099	1487
2200K	981	1139	1542
2400K	1015	1179	1596
2700K	1073	1246	1687
3000K	1108	1287	1741
3500K	1119	1300	1759
4000K	1154	1340	1814
6500K	1131	1313	1777
Max. Run Length (M)	8	6	6

Technical Details	
Width	10mm (0.39in.)
LED Quantity	120 LEDs/M (36 LEDs/ft)
Beam Angle	120°
Efficacy	95.7lm/W @4000K 14W
CRI	Ra≥90
LED MacAdam	3 steps
Average Life (L70)	> 54,000 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 (5.9in.),20 AWG (wire length made to order)



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



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

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Channel Compatibility

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

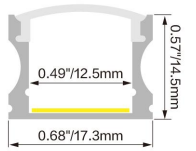
Lens Type & Light Transmission

CL Clear FR Frosted OP Opal

Surface

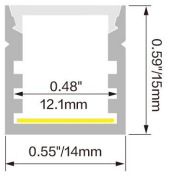
BE1202

CL 63% FR 58% OP 47%



BE1415

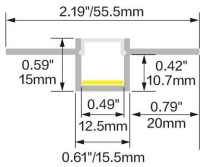
CL 54% FR 49% OP 40%



Mud-In

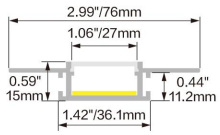
BE5615

CL 60% FR 55% OP 45%



BE7615

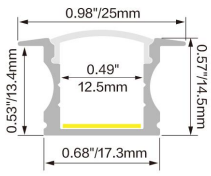
CL 72% FR 66% OP 54%



Recessed

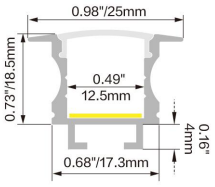
BE1201

CL 62% FR 56% OP 46%



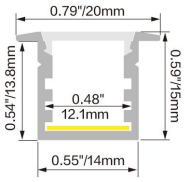
BE1207

CL 62% FR 57% OP 46%



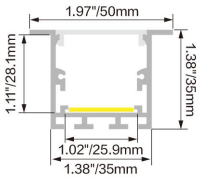
BE2015

CL 55% FR 50% OP 41%



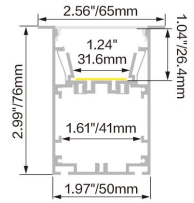
BE5035

CL 55% FR 50% OP 41%



BE6575

CL 65% FR 59% OP 48%



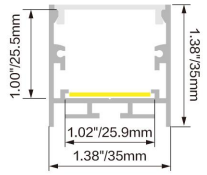
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Suspended

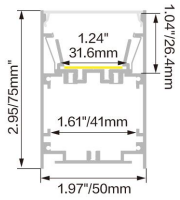
BE3535

CL 56% FR 51% OP 41%



BE5075

CL 64% FR 58% OP 48%

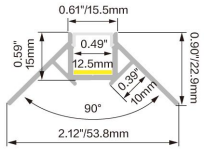


Specialty

BE5315

Borderless Outside Corner

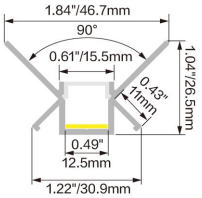
CL 58% FR 53% OP 43%



BE4615

Borderless Inside Corner

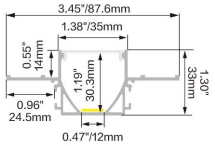
CL 59% FR 54% OP 44%



BE8833

Cove Recessed / Double-Layer Borderless

CL 58% FR 53% OP 43%



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 15cm (5.9in.) wire, for 10mm (0.39in.)tape, 2 pin



N6012-STSJ-2P-10
Strip to strip jumper connector with 15cm (5.9in.) 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

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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

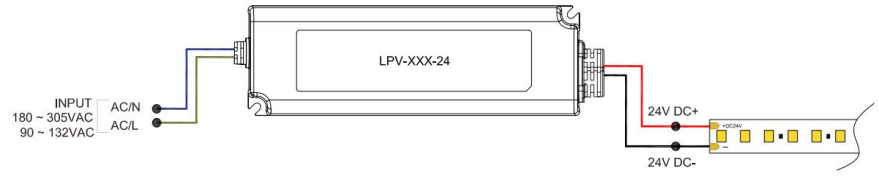
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm
PWM-120-24	120W	90-305VAC / 127-431VDC		Dry/Damp/IP67	191 * 63 * 37.5 mm

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

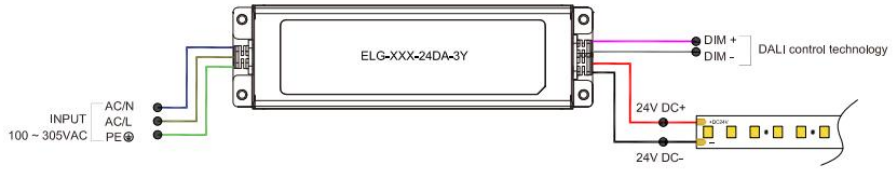
Non-dimmable



3 in 1-dimmable



DALI-dimmable



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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