AERO TAPE LONG RUN WET

Static White

Features

- Long max run length up to 20m(65.6ft) from single power feed
- IP65 rated, ideal for damp location and sheltered exterior
- 5 years warranty

Date | Fixture type

Project name | Project phase

Applications

Bathrooms, kitchens, balconies, roofs, soffits, awnings, etc.



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	CCT	Power
AEROLR	**W5**-Wet(IP65)	**24**-DC24V	**18**-1800K	**050**-5W/M
			22-2200K	**100**-10W/M
			24-2400K	**150**-15W/M
			27-2700K	
			30-3000K	
			35-3500K	
			40-4000K	
			65-6500K	

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, 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**	50mm (1.97in.)
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		

*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 Compatibility page	Extrusion ■ **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	5W/M	10W/M	15W/M
1800K	404	796	1188
2200K	419	825	1232
2400K	434	854	1275
2700K	458	903	1348
3000K	473	932	1391
3500K	478	942	1406
4000K	493	971	1449
6500K	483	952	1420
Max. Run Length (M)	20	15	11

.

Technical Details	
Width	12mm (0.47in.)
LED Quantity	140 LEDs/M (42 LEDs/ft)
Beam Angle	120°
Efficacy	97.1lm/W @4000K 10W
CRI	Ra≥90
LED MacAdam	3 steps
Average Life (L70)	> 54,000 hours
Max. Length Per Reel	50m (164ft)
Storage Temperature	-20℃~ 60℃
Ambient Temperature	-20℃~ 45℃

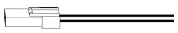
Feed Entry Options

F: Front

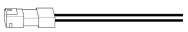
C: Closed

Connector Wire Options

OW: Open wire, **Dry only**
Standard 15cm (5.9in.), 20 AWG
(wire length made to order)



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.

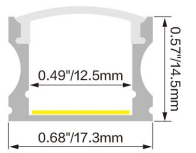
Lens Type & Light Transmission

CL Clear | FR Frosted | OP Opal

Surface

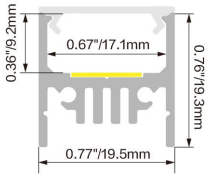
BE1202

CL 66% FR 60% OP 49%



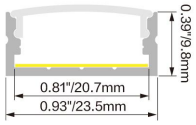
BE1919

CL 80% FR 73% OP 60%



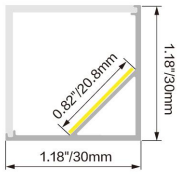
BE2002

CL 81% FR 74% OP 60%



BE3030-S

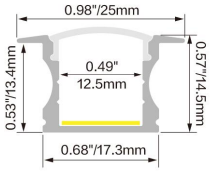
CL 85% FR 78% OP 64%



Recessed

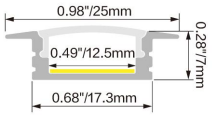
BE1201

CL 65% FR 60% OP 49%



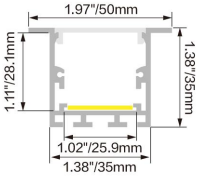
BE2001

CL 82% FR 75% OP 61%



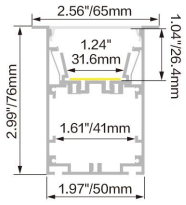
BE5035

CL 56% FR 51% OP 42%



BE6575

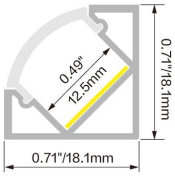
CL 66% FR 60% OP 49%



Corner

BE1203

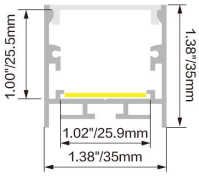
CL 76% FR 69% OP 57%



Suspended

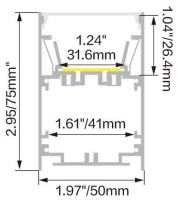
BE3535

CL 58% FR 53% OP 33%



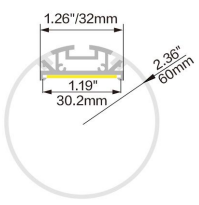
BE5075

CL 65% FR 60% OP 49%



BE60

CL 88% FR 80% OP 66%



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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

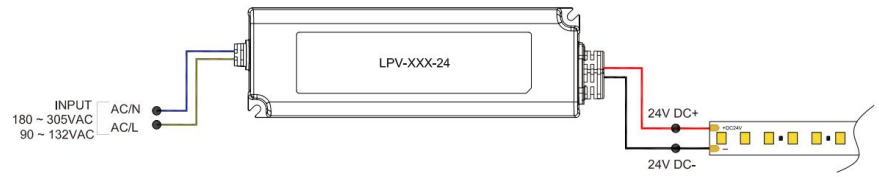
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm
PWM-120-24	120W	90-305VAC		Dry/Damp/IP67	191 * 63 * 37.5 mm

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

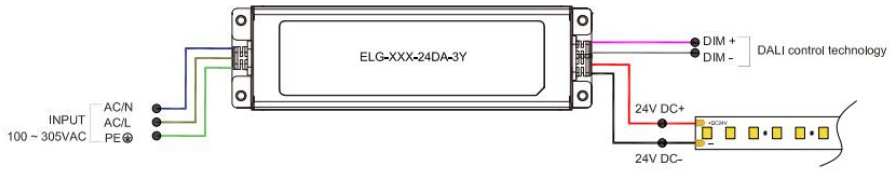
Non-dimmable



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