AERO TAPE WET X

Outdoor · Static White

Features

- Various output & CCT options
- IP67 rated, ideal for outdoor uses
- 5 years warranty

Date | Fixture type

Project name | Project phase

Applications

Gardens, parks, decks, patios, pathways, outdoor steps, etc.



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	CCT	Power
AERO	**W7**-Wet (IP67)	**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	**OP** - Opal	**1m**(3.28ft)
	□ **W** = White lacquered	**FR** - Frosted	**2m** (6.56ft)
	■ **B** = Black anodized	**CL** - Clear	

*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	340	638	925	1165	1386
2400K	360	675	979	1233	1467
2700K	380	713	1034	1302	1549
3000K	400	750	1088	1370	1630
3500K	416	780	1132	1425	1695
4000K	428	803	1164	1466	1744
6500K	408	765	1110	1397	1663
Max. Run Length (M)	9	7	6	6	5

Technical Details	
Width	12mm(0.47in.)
LED Quantity	120 LEDs/M (36 LEDs/ft)
Beam Angle	120°
Efficacy	80.8lm/W @4000K 14.4W
CRI	Ra≥90
LED MacAdam	3 steps
Average Life (L70)	> 54,000 hours
Max. Length Per Reel	30M (98.4')
Storage Temperature	-20℃~ 60℃
Ambient Temperature	-20℃~ 45℃

Feed Entry Options

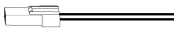
F: Front



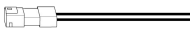
C: Closed

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.

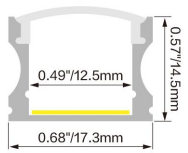
Lens Type & Light Transmission

CL Clear FR Frosted OP Opal

Surface

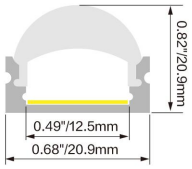
BE1202

CL 55% FR 50% OP 41%



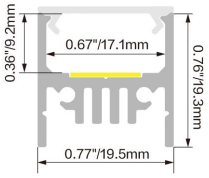
BE1303

CL 55% FR 50% OP 41%



BE1919

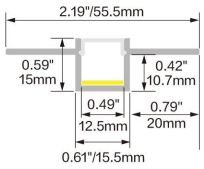
CL 67% FR 61% OP 50%



Mud-In

BE5615

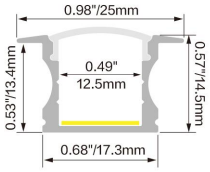
CL 49% FR 45% OP 37%



Recessed

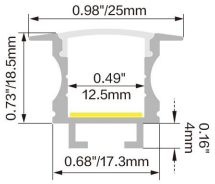
BE1201

CL 53% FR 49% OP 40%



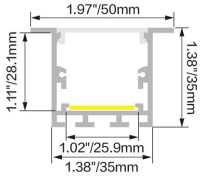
BE1207

CL 52% FR 48% OP 39%



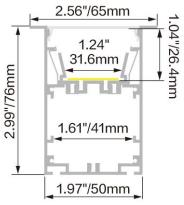
BE5035

CL 46% FR 42% OP 35%



BE6575

CL 56% FR 51% OP 42%



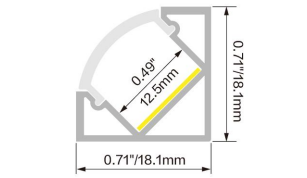
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Corner

BE1203

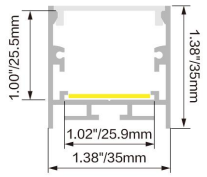
CL 64% FR 59% OP 48%



Suspended

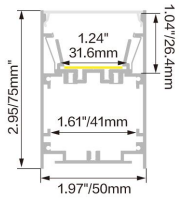
BE3535

CL 48% FR 44% OP 36%



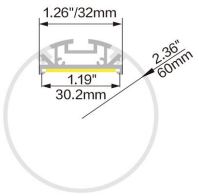
BE5075

CL 55% FR 51% OP 41%



BE60

CL 78% FR 72% OP 59%



Connectors & Additional Accessories (Optional, purchase for extra)

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

JST-F-2P-67
Female connector with 20cm (0.66') white cable, 2 pin, IP67, Wet, 22 AWG



VHB
VHB 3M adhesive back tape, stronger stickiness

CL-12-67
Mounting clip, for 12mm (0.39') tape

SEC-C-12-67
Closed silicone end cap, for 12mm (0.39') tape, IP67

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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

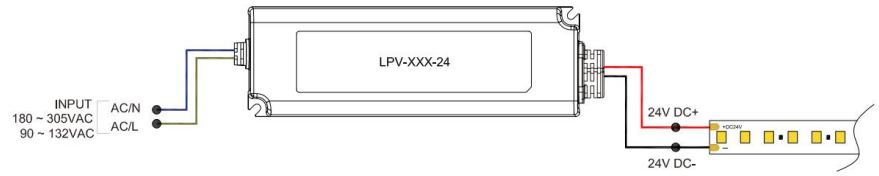
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm
PWM-120-24	120W	90-305VAC		Dry/Damp/IP67	191 * 63 * 37.5 mm

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

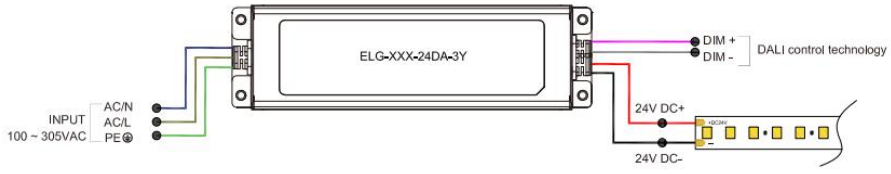
Non-dimmable



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