AERO TAPE LONG RUN WET X

Outdoor · Static White

Features

- Long max run length up to 20m(65.6ft) from single power feed
- IP67 rated, ideal for outdoor uses
- 5 years warranty

Applications

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

Date

Fixture type

Project name

Project phase



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	Temp./Color	Power
AEROLR	**W7-**Wet(IP67)	**24V-**DC24V	**22K-**2200K	**050-**5W/M
			24K-2400K	**100-**10W/M
			27K-2700K	**150-**15W/M
			30K-3000K	
			35K-3500K	
			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, 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 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)

Temp./Color	5W/M	10W/M	15W/M
2200K	410	808	1206
2400K	425	837	1248
2700K	449	884	1319
3000K	463	913	1362
3500K	468	922	1376
4000K	482	951	1419
6500K	473	932	1390
Max. Run Length (M)	20m	15m	11m

Technical Details	
Width	12mm(0.47in.)
LED Quantity	140 LEDs/M(42 LEDs/ft)
Beam Angle	120°
Efficacy	95.1lm/W @4000K 10W
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℃

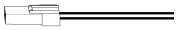
Feed Entry Options

F: Front

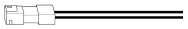
C: Closed

Connector Wire Options

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



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



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

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Channel Compatibility

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

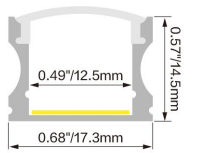
Lens Type & Light Transmission

CL Clear FR Frosted OP Opal

Surface

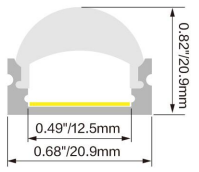
BE1202

CL 54% FR 50% OP 41%



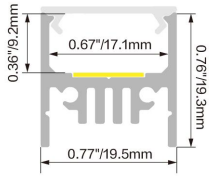
BE1303

CL 56% FR 51% OP 42%



BE1919

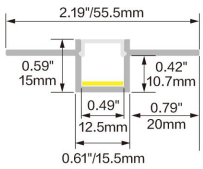
CL 68% FR 62% OP 50%



Mud-In

BE5615

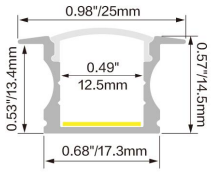
CL 51% FR 47% OP 38%



Recessed

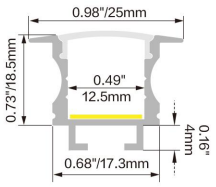
BE1201

CL 54% FR 50% OP 41%



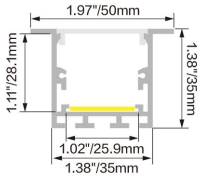
BE1207

CL 54% FR 49% OP 40%



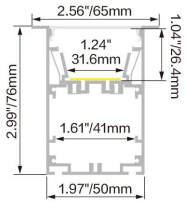
BE5035

CL 47% FR 43% OP 35%



BE6575

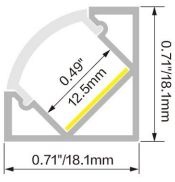
CL 57% FR 52% OP 43%



Corner

BE1203

CL 64% FR 59% OP 48%



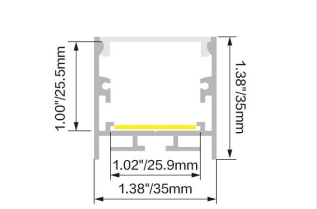
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Outdoor · Static White

Suspended

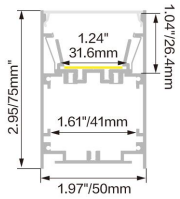
BE3535

CL 49% FR 45% OP 37%



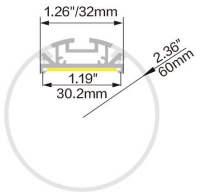
BE5075

CL 56% FR 51% OP 42%



BE60

CL 80% FR 73% OP 60%



Connectors & Additional Accessories (Optional, purchase for extra)

CL-12-67
Mounting clip, for 12mm(0.47in.) tape

SEC-C-12-67
Closed silicone end cap, for 0 12mm(0.47in.) tape, IP67

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

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

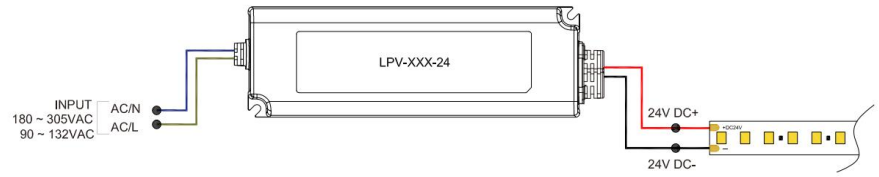
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm
PWM-120-24	120W	90-305VAC		Dry/Damp/IP67	191 * 63 * 37.5 mm

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

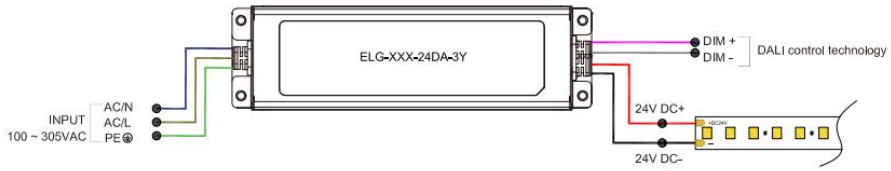
Non-dimmable



3 in 1-dimmable



DALI-dimmable



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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