AERO TAPE HD WET X

Outdoor · Static White

Features

- High density LED provides less visible diodes
- IP67 rated, ideal for outdoor uses
- 5 years warranty

Applications

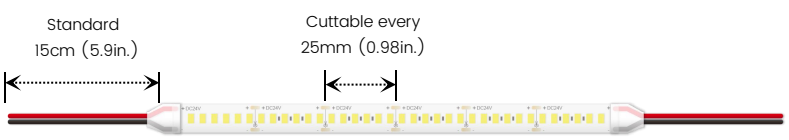
Gardens, parks, decks, patios, pathways, outdoor steps, etc.

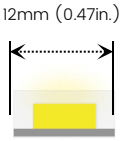
Date | Fixture type

Project name | Project phase



Dimensions





Order Code (For LED tape)

Series	Environment	Voltage	CCT	Power
AEROHD	W7-Wet X (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, 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	25mm (0.98in.)	
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	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	384	757	1141	1501	1873
2400K	398	783	1181	1554	1939
2700K	421	828	1235	1642	2049
3000K	434	854	1275	1695	2115
3500K	439	863	1302	1713	2137
4000K	452	890	1342	1766	2204
6500K	443	872	1301	1730	2159
Max. Run Length (M)	10	7	5	6	5

Technical Details	
Width	12mm (0.47in.)
LED Quantity	240 LEDs/M (72 LEDs/ft)
Beam Angle	120°
Efficacy	93.2lm/W @4000K 14.4W
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℃

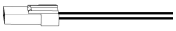
Feed Entry Options

F: Front

C: Closed

Connector Wire Options

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



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.

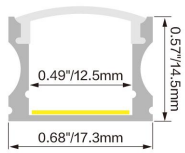
Lens Type & Light Transmission

CL Clear FR Frosted OP Opal

Surface

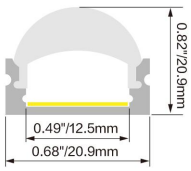
BE1202

CL 52% FR 48% OP 39%



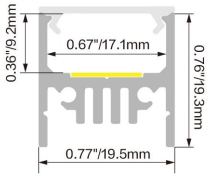
BE1303

CL 55% FR 50% OP 41%



BE1919

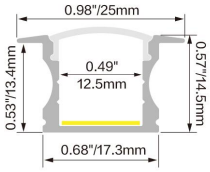
CL 66% FR 60% OP 49%



Recessed

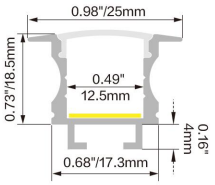
BE1201

CL 52% FR 48% OP 39%



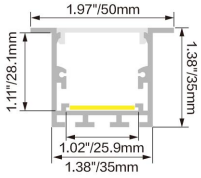
BE1207

CL 52% FR 47% OP 39%



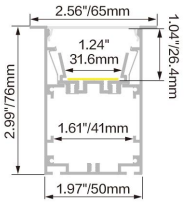
BE5035

CL 46% FR 42% OP 35%



BE6575

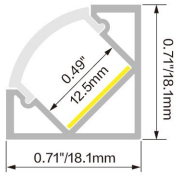
CL 56% FR 51% OP 42%



Corner

BE1203

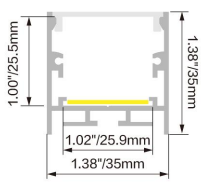
CL 63% FR 57% OP 47%



Suspended

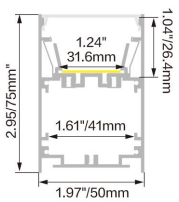
BE3535

CL 48% FR 44% OP 36%



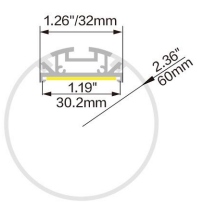
BE5075

CL 56% FR 51% OP 42%



BE60

CL 78% FR 71% OP 58%



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

SEC-C-12-67
Closed silicone end cap, for 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

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

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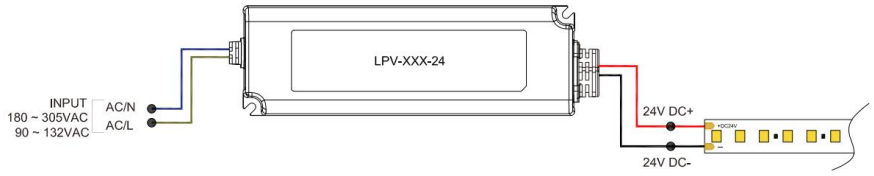
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm
PWM-120-24	120W	90-305VAC		Dry/Damp/IP67	191 * 63 * 37.5 mm

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

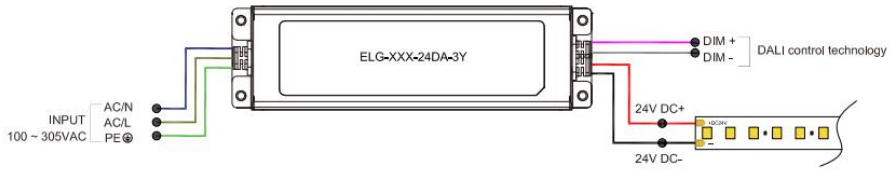
Non-dimmable



3 in 1-dimmable



DALI-dimmable



24V Voltage Drop & Maximum Wire Length Chart

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

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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