AERO TAPE HD

Indoor · Static White

Features

- High density LED provides less visible diodes
- IP20 rated, ideal for indoor non-condensing uses
- 5 years warranty

Applications

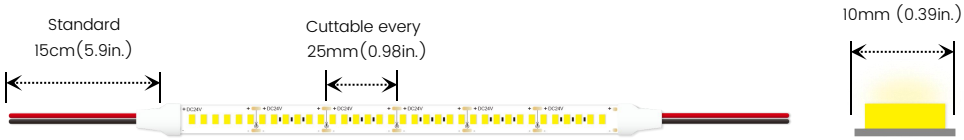
Under cabinets, coves, shelves, bedrooms, offices, hallways, etc.

Date | Fixture type

Project name | Project phase



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	CCT	Power
AEROHD	**D2-**Dry (IP20)	**24V**-DC24V	**18K**-1800K **22K**-2200K **24K**-2400K **27K**-2700K **30K**-3000K **35K**-3500K **40K**-4000K **65K**-6500K	**048-**4.8W/M **096-**9.6W/M **144-**14.4W/M **192-**19.2W/M **240-**24W/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**	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		

*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** **2M**

*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
1800K	399	785	1171	1557	1943
2200K	413	813	1214	1614	2014
2400K	428	842	1256	1671	2085
2700K	452	890	1328	1766	2204
3000K	467	919	1371	1823	2275
3500K	472	928	1385	1842	2298
4000K	486	957	1428	1899	2369
6500K	477	938	1399	1861	2322
Max. Run Length (M)	10	7	5	6	5

Technical Details	
Width	10mm(0.39in.)
LED Quantity	240 LEDs/M (72 LEDs/ft)
Beam Angle	120°
Efficacy	99.2lm/W @4000K 14.4W
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(0.59in.), 20 AWG
(wire length customizable)



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



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

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Channel Compatibility

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

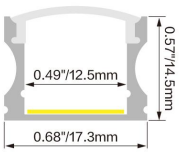
Lens Type & Light Transmission

CL Clear FR Frosted OP Opal

Surface

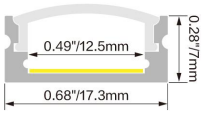
BE1202

CL 63% FR 58% OP 47%



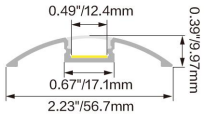
BE1205

CL 84% FR 76% OP 63%



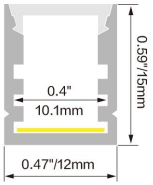
BE1206

CL 78% FR 72% OP 59%



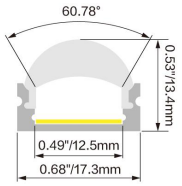
BE1215

CL 55% FR 50% OP 41%



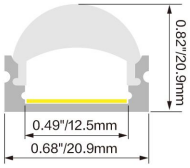
BE1302

CL 83% FR 76% OP 62%



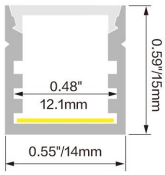
BE1303

CL 65% FR 59% OP 48%



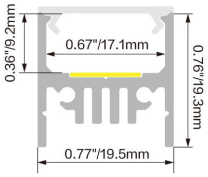
BE1415

CL 53% FR 48% OP 39%



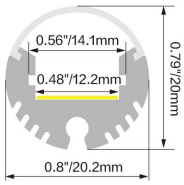
BE1919

CL 76% FR 69% OP 57%



BE2020

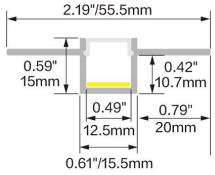
CL 77% FR 70% OP 58%



Mud-In

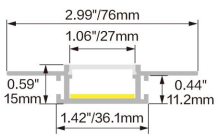
BE5615

CL 59% FR 54% OP 44%



BE7615

CL 71% FR 65% OP 53%



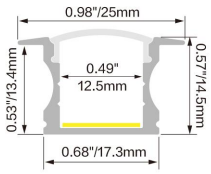
Recessed

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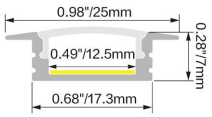
BE1201

CL 62% FR 56% OP 46%



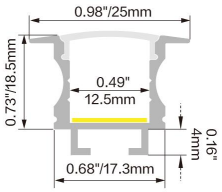
BE1204

CL 83% FR 76% OP 62%



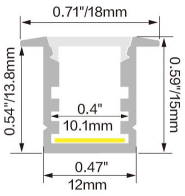
BE1207

CL 61% FR 55% OP 45%



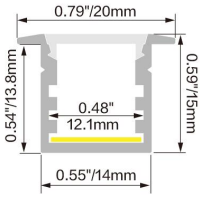
BE1815

CL 51% FR 46% OP 38%



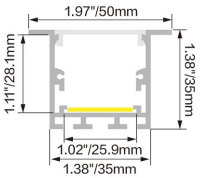
BE2015

CL 54% FR 50% OP 41%



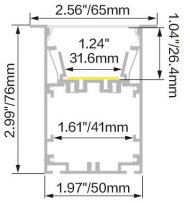
BE5035

CL 54% FR 49% OP 40%



BE6575

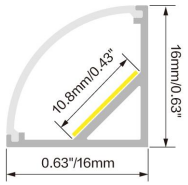
CL 65% FR 59% OP 49%



Corner

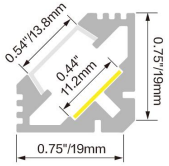
BE1002

CL 86% FR 78% OP 64%



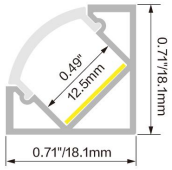
BE1101

CL 57% FR 52% OP 42%



BE1203

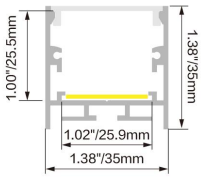
CL 74% FR 67% OP 55%



Suspended

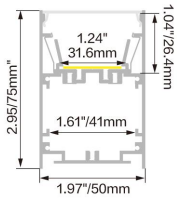
BE3535

CL 56% FR 51% OP 42%



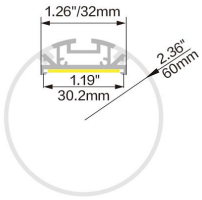
BE5075

CL 65% FR 59% OP 48%



BE60

CL 86% FR 78% OP 64%



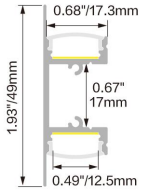
Specialty

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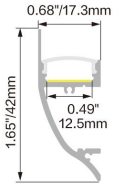
BE1402
Wall lighting

CL 73% FR 66% OP 54%



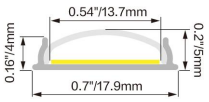
BE1403
Wall lighting

CL 77% FR 71% OP 58%



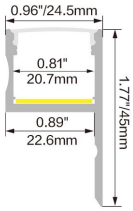
BE1806
Bendable surface mounted

CL 88% FR 80% OP 66%



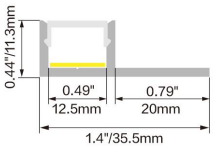
BE2009
Coves

CL 57% FR 52% OP 42%



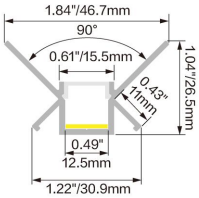
BE3511
Borderless Bi-Color Panel

CL 66% FR 60% OP 49%



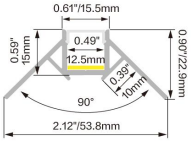
BE4615
Borderless Inside Corner

CL 59% FR 54% OP 44%



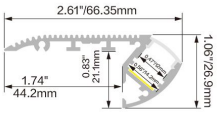
BE5315
Borderless Outside Corner

CL 58% FR 53% OP 43%



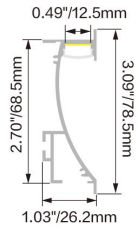
BE6728
Staircase

CL 54% FR 49% OP 40%



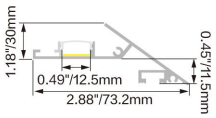
BE6916
Recessed

CL 58% FR 53% OP 43%



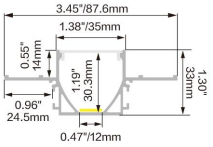
BE7030
Cove Recessed Borderless

OP 61%



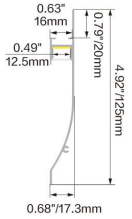
BE8833
Cove Recessed / Double-Layer Borderless

CL 58% FR 53% OP 44%



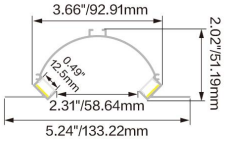
BE12017
Toekick

CL 48% FR 44% OP 36%



BE13350
Coves

CL 46% FR 42% OP 34%



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Connectors & Additional Accessories (Optional, purchase for extra)

N6012-STCN-2P-10
Strip to cable connector without wire, for 10mm (0.39in.) tape, 2 pin,IP20



N6012-STC-2P-10
Strip to cable connector with 15cm (5.91in.) wire, for 10mm (0.39in.) tape, 2 pin,IP20



N6012-STSJ-2P-10
Strip to strip jumper connector with 15cm(5.91in.) wire, for 10mm (0.39in.) tape, 2 pin,IP20



N6012-STDCB-2P-10
Strip to cable with black male & female connector, for 10mm (0.39in.) tape, 2 pin,IP20



N6012-STDCW-2P-10
Strip to cable with white male & female connector, for 10mm (0.39in.) tape, 2 pin,IP20

N6012-STS-2P-10
Strip to strip connector, for 10mm (0.39in.) tape, 2 pin,IP20



C6012-LC-2P-10
L-shaped corner connector, for 10mm (0.39in.) tape, 2 pin,IP20



C6012-RC-2P-10
R-shaped corner connector, for 10mm (0.39in.) tape, 2 pin,IP20



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

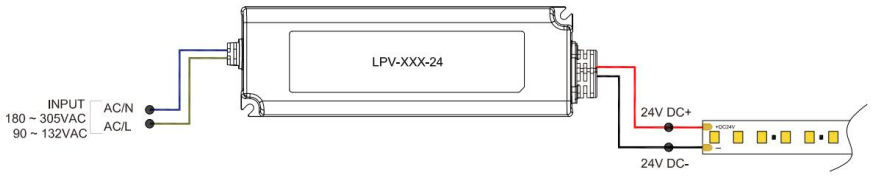
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm
PWM-120-24	120W	90-305VAC		Dry/Damp/IP67	191 * 63 * 37.5 mm

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

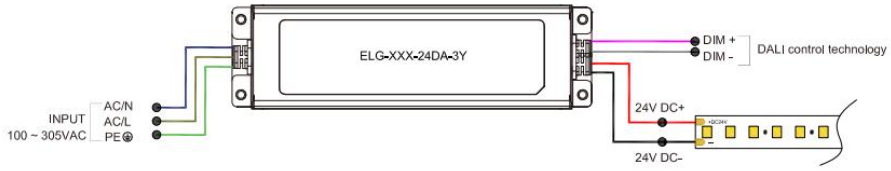
Non-dimmable



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