

Features

- Neon & tape in one hybrid design, incredibly smooth diffusion without lenses
- IP65 rated, ideal for damp location and sheltered exterior
- Freely cuttable, precisely trimmable for custom lengths
- 5 years warranty

Applications

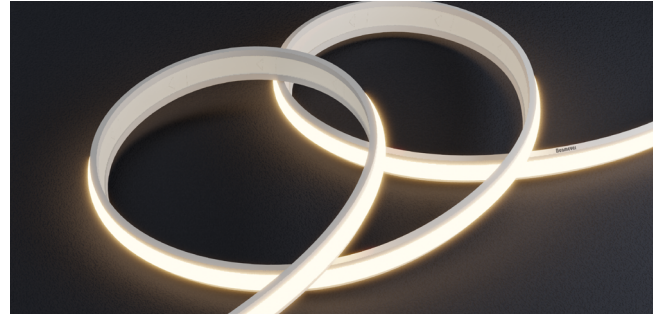
Under cabinets, coves, shelves, closets, millwork, furnitures, etc.

Date

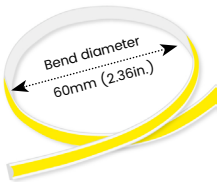
Fixture type

Project name

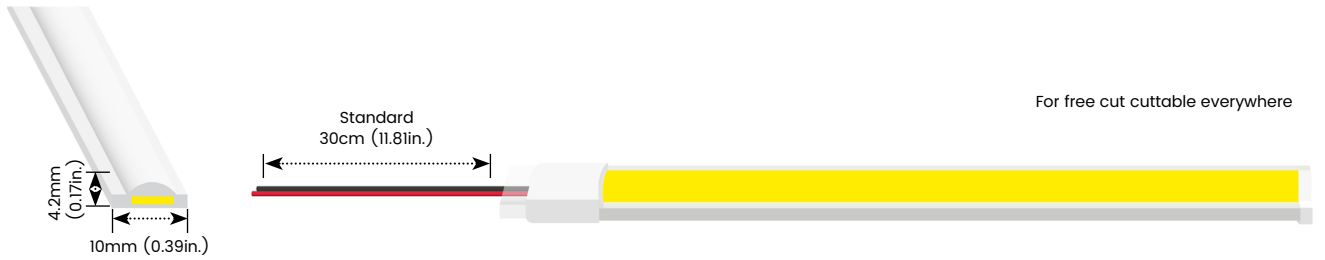
Project phase



Bending Directions & Diameters



Dimensions



For free cut cuttable everywhere

Order Code

Assembly Builder

Model	Function	Voltage	CCT	Power	Left Feed Entry			
APO10	FC-Free Cut	24V-DC24V	927-RA90 2700K	100-10W/M	F	Front	OW	Open wire 30cm(0.98ft)
			930-RA90 3000K		C	Closed	MC	Male connector with 30cm(0.98ft) cable
			940-RA90 4000K				FC	Female connector with 30cm(0.98ft)cable
							NA	Only for Closed Feed Entry

Assembly Builder

Mounting Order Code

Right Feed Entry			Length	
F	Front	OW	Open wire 30cm(0.98ft)	Max. nominal 7m (22.97ft)
C	Closed	MC	Male connector with 30cm(0.98ft) cable	Increment 3.33mm (0.13in.)
		FC	Female connector with 30cm(0.98ft)cable	
		NA	Only for Closed Feed Entry	

Product Code
Please select on the Mounting Options page

*We will list the nearest actual manufacturing length on the quotation, based on your requested length.

Lumen Output (lm/m)

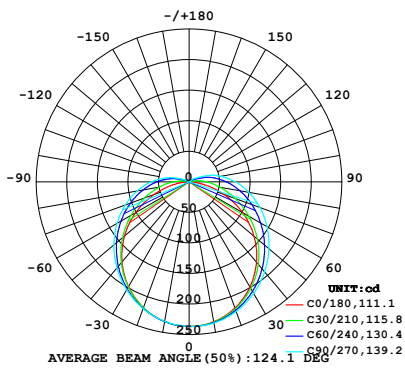
CCT	10W/M
2700K	810
3000K	845
4000K	880
Max. Run Length	7m

Technical Details

Efficacy	84.5lm/w @3000K 10W
CRI	Ra>90
Beam Angle	120°
LED MacAdam	3 steps
Average Life (L80B10)	>47,000 hours
Storage Temperature	-40°C~ 60°C
Operating Temperature	-40°C~ 45°C

Photometry

APO10FC-24-930-100
 LEDLINE APO 10, Free cut, 24V, RA90, 3000K, 10W/M

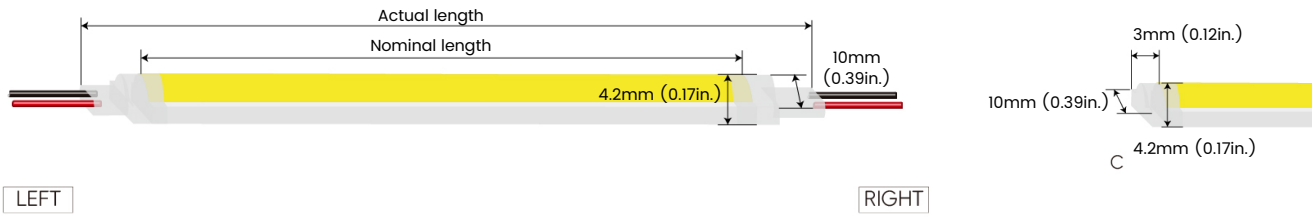


Zonal Lumen Summary

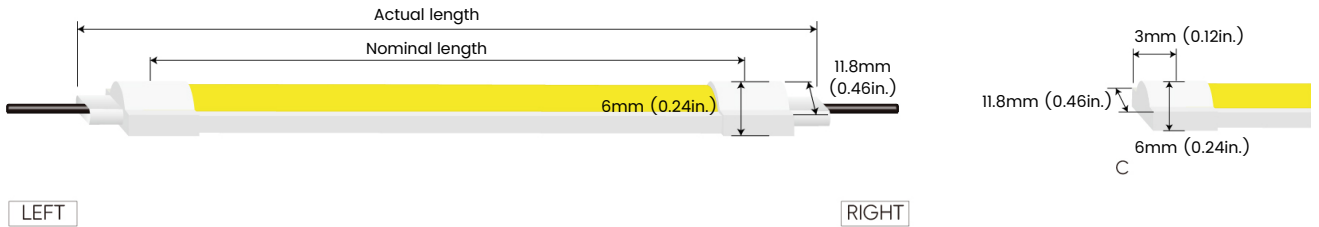
Zone	Lumen	% Fixture
0-30	184.8	21.5%
0-40	304.8	35.4%
0-60	555.5	64.5%
0-90	798.8	92.8%
0-180	861.1	100%

Feed Entry / End Cap Options

FT: Flush Translucent – IP65, factory-made only



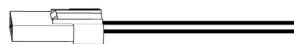
Silicone end cap – IP65, for field cuttable only



Connector Wire Options



OW: Open wire, **Dry only**
Standard 30cm (0.98ft), 20 AWG,
wire length customizable

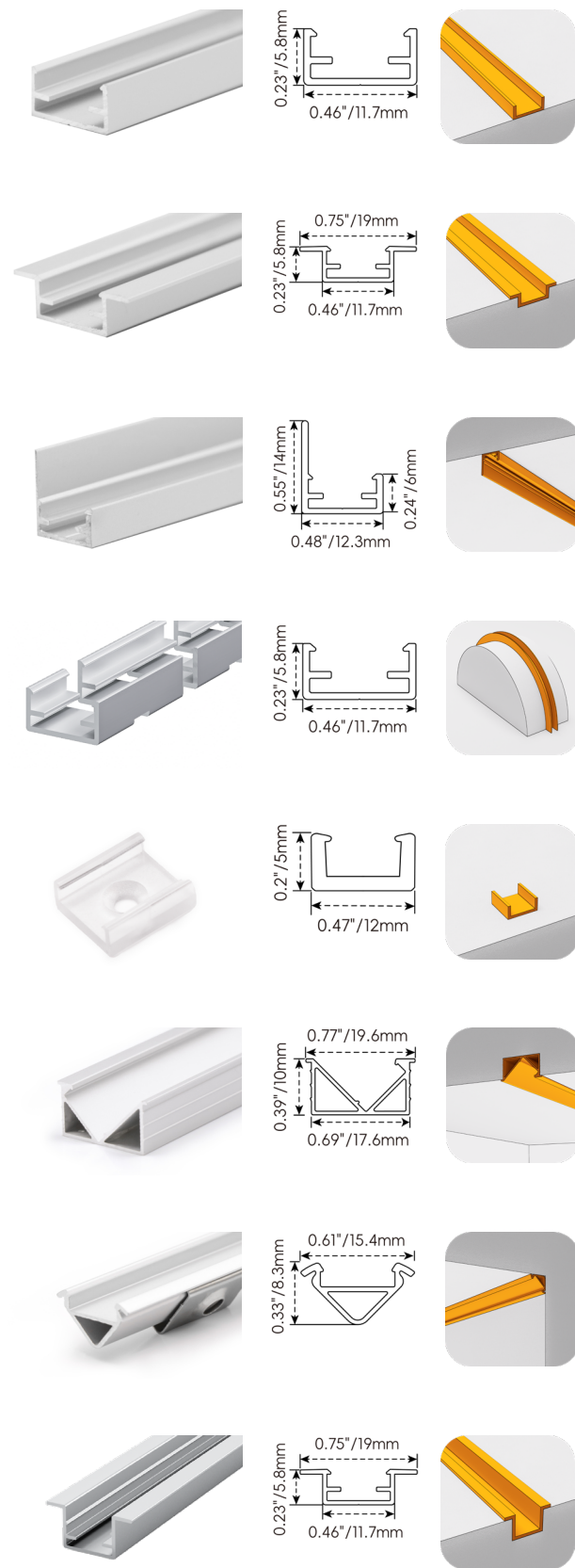


MC: Male connector,
Standard 30cm (0.98ft), 22 AWG



FC: Female connector,
Standard 30cm (0.98ft), 22 AWG

Mounting Options



AC107-AP-SA

Name	Straight surface profile
Material	Aluminum
Standard Length	1M(3.28ft)

AC107-AP-EA

Name	Straight recessed profile
Material	Aluminum
Standard Length	1M(3.28ft)

AC107-AP-BA

Name	Light-block profile
Material	Aluminum
Standard Length	1M(3.28ft)

AC107-CR

Name	Bendable surface profile
Material	Aluminum
Standard Length	1M(3.28ft)
Min. Bending Diameter	250mm(9.84in.)

AC085-10

Name	Mounting clip
Material	Silicone
Standard Length	14mm(0.55in.)

AC107-45P

Name	45° Recessed kicker profile
Material	Aluminum
Standard Length	1M(3.28ft)

AC107-VP

Name	45° Triangular surface profile
Material	Aluminum
Standard Length	1M(3.28ft)

AC107-AP - SF

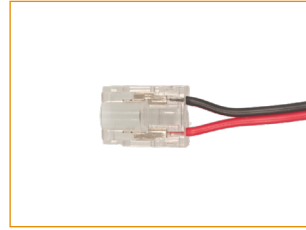
Name	Deep recessed profile
Material	Aluminum
Standard Length	1M(3.28ft)

Silicone End Caps (Optional, purchase for extra)

AD110
Silicone closed end cap for 10mm
(0.39in.) wide LINIO NEON EOS TV series



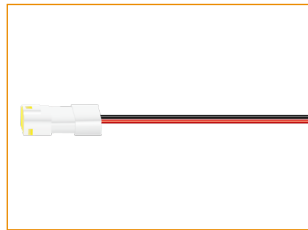
AD110-2
Silicone end cap front entry with 20cm
(0.66ft) cable, 2 pin



AC085-201
Strip to cable connector with 20cm
(0.66ft) cable, IP20, 2 pin

Additional Accessories (Optional, purchase for extra)

MJST-2P-67
Male connector with 30cm (0.98ft)
white cable, 2 pin, 22 AWG



FJST-2P-67
Female connector with 30cm (0.98ft)
white cable, 2 pin, 22 AWG



AF002-U1
Installation Roller Tool with Wooden
Handle



AF001-1
1 Adjustable angle scissors set,
with 4 spare blades

Drivers

Non-dimmable

Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24A-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm
LRS-150-24	150W	85-132VAC / 170-264VAC	24V	Dry	159 * 97 * 30 mm

3 in 1-dimmable

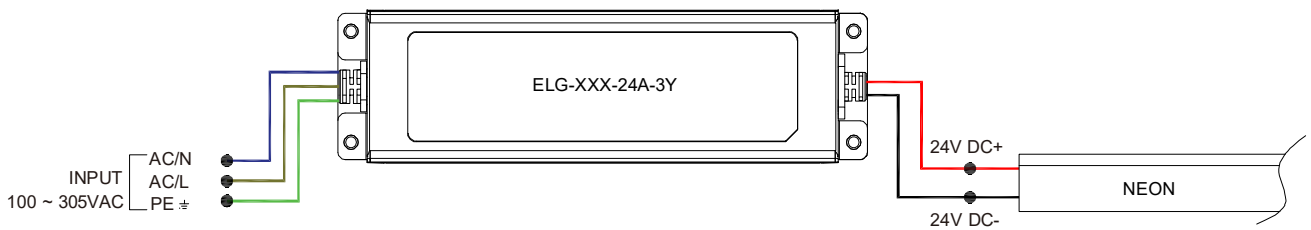
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

DALI-dimmable

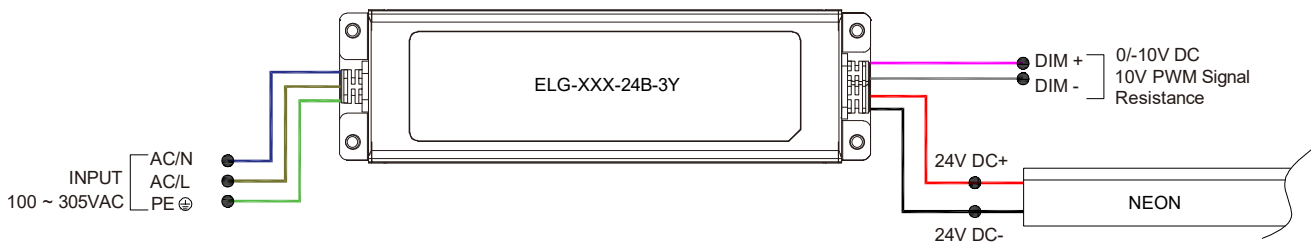
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

Wiring Diagram

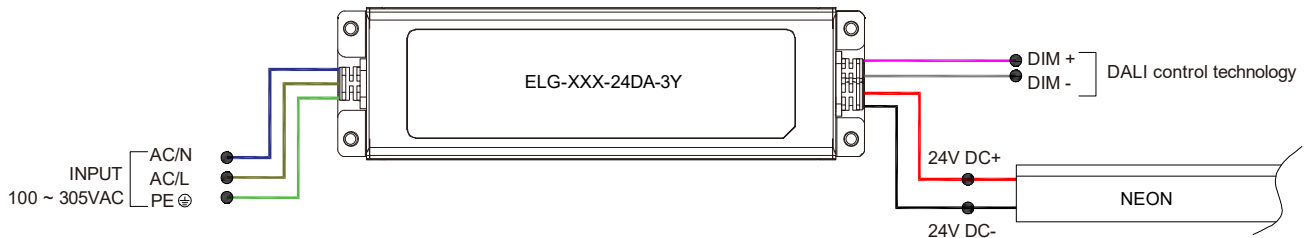
Non-dimmable



3 in 1-dimmable



DALI-dimmable



LEDLINE APO 10 FC WHT

Top Bending · Static White · Free Cut

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