LEDLINE ACE 0408S FC WHT

Sidel Bending · Static White

Date | Fixture type

Project name | Project phase

Features

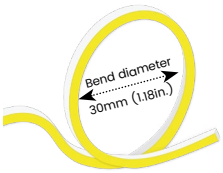
- 4mm wide, slim yet energy-efficient for tight-space accent
- IP65 rated, ideal for damp location and sheltered exterior
- Freely cuttable, precisely trimmable for custom lengths
- 5 years warranty

Applications

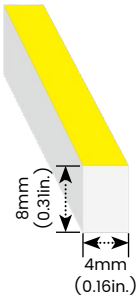
Under cabinets, niches, shelves, closets, millwork, furnitures, etc.

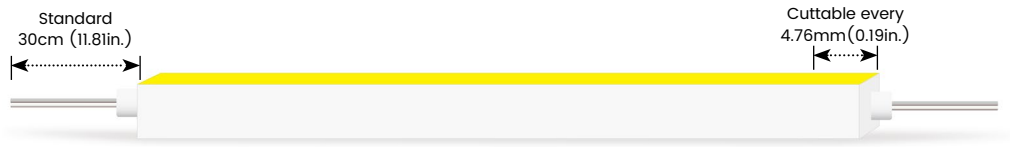


Bending Directions & Diameters



Dimensions





Order Code

Model	Bend Direction	Voltage	CCT	Power	Left Feed Entry
ACE0408	**SFC**-Side bending Free cut	**24V**-DC24V	**927**-RA90 2700K **930**-RA90 3000K **940**-RA90 4000K	**060**-6W/M	**F** Front **C** Closed

Assembly Builder

Left Feed Entry	
OW	Open wire 30cm(0.98ft)
MC	Male connector with 20cm(0.66ft) cable
FC	Female connector with 20cm(0.66ft)cable
NA	Only for Closed Feed Entry

Assembly Builder

Right Feed Entry			Length	
F	Front	**OW** Open wire 30cm(0.98ft)	**Max. nominal**	7m (22.97ft)
C	Closed	**MC** Male connector with 20cm(0.66ft) cable	**Increment**	4.76mm (0.19in.)
		FC Female connector with 20cm(0.66ft)cable		
		NA Only for Closed Feed Entry		

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

Mounting Order Code

Product Code
Please select on the Mounting Options page

LEDLINE ACE 0408S FC WHT

Sidel Bending · Static White

Lumen Output (lm/m)

CCT	6W/M
2700K	140
3000K	145
4000K	159
Max. Run Length	7m

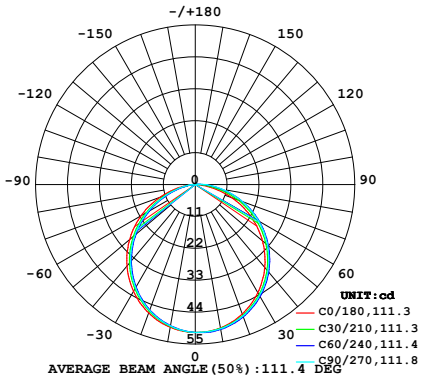
Techinical Details

Efficacy	24.2lm/W @3000K 6W
CRI	Ra≥90
LED MacAdam	3 steps
IK Rating	IK07(With Aluminium Profile)
Average Life (L80B10)	>47,000 hours
Storage Temperature	-40°C ~ 60°C
Operating Temperature	-40°C ~ 55°C

Photometry

ACE0408SFC-24-930-060

LEDLINE ACE 0408S FC, Side Bend, Free Cut, 24V, RA90, 3000K, 6W/M



Zonal Lumen Summary

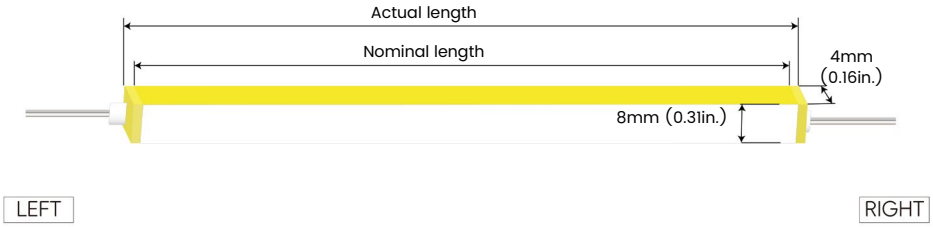
Zone	Lumen	% Fixture
0-30	39.42	27.2%
0-40	64.42	44.4%
0-60	113.5	78.3%
0-90	144.2	99.5%
0-180	145	100.0%

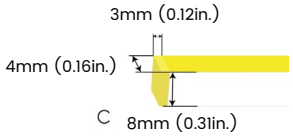
LEDLINE ACE 0408S FC WHT

Sidel Bending · Static White

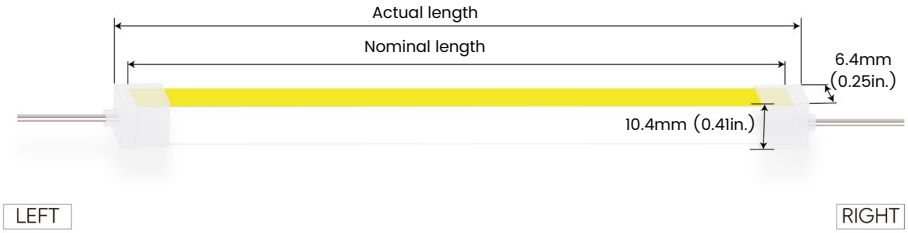
Feed Entry / End Cap Options

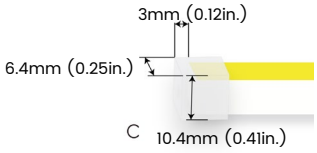
FT: Flush Translucent – IP54, factory-made only





Silicone end cap – IP65, for field cuttable only

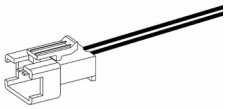




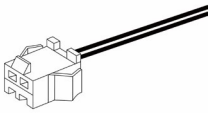
Connector Wire Options



OW: Open wire, **Dry only**
Standard 30cm(0.98ft),24 AWG,
wire length customizable



MC: Male connector, **Dry**
Standard 20cm(0.66ft), 24 AWG



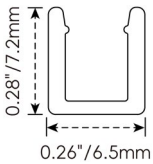
FC: Female connector, **Dry**
Standard 20cm(0.66ft), 24 AWG

LEDLINE ACE 0408S FC WHT

Sidel Bending · Static White

Mounting Options



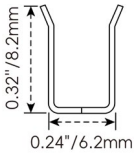




AC021-AP

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





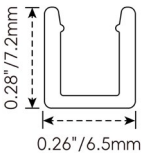


AC021-CR

Name	Bendable surface profile
Material	Stainless Steel
Standard Length	500mm (1.64ft)
Min. Bend Diameter	30mm(1.18in.)

Clip Options



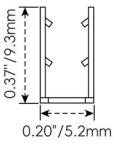




AC022-SET

Name	Mounting clip
Material	Aluminum
Standard Length	15mm(0.59in.)







AC011-SET

Name	Mounting clip
Material	Stainless steel
Standard Length	20.8mm(0.82in.)

Tool Options



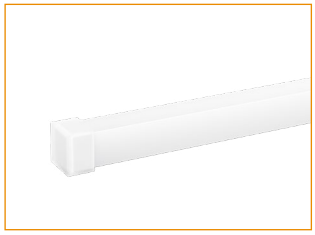
IEF-048-W

Name	Fixture
Standard Length	1pcs
* Insertion/Extraction Fixture for ACE 0408S	

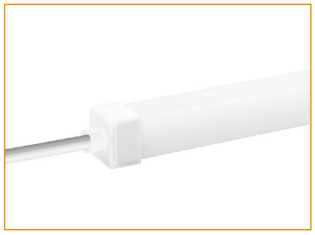
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Sidel Bending · Static White

Silicone End Caps (Optional, purchase for extra)

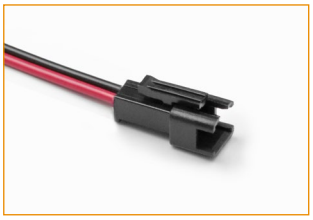


AD015
Silicone closed end cap

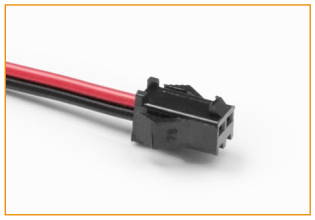


AD014
Silicone end cap front entry with 30cm(0.98ft) cable, 2 pin

Additional Accessories (Optional, purchase for extra)



AD00J-2-MC
Male connector,
20cm (0.66ft)red&black cable,
2 pin, IP20, 24 AWG



AD00J-2-FC
Female connector,
20cm (0.66ft) red&black cable,
2 pin, IP20, 24 AWG



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

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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

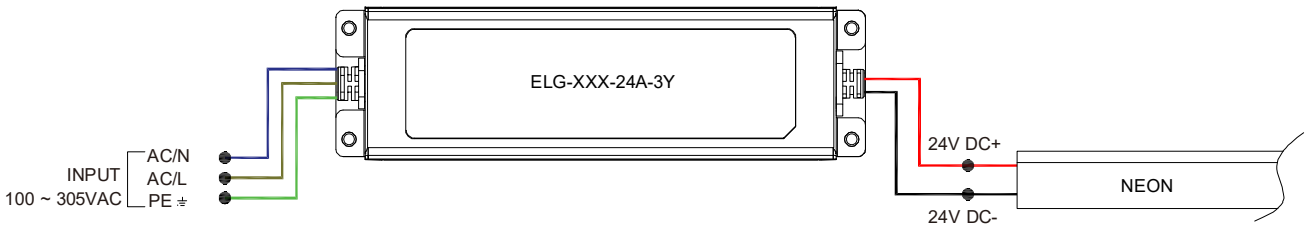
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

DALI-dimmable

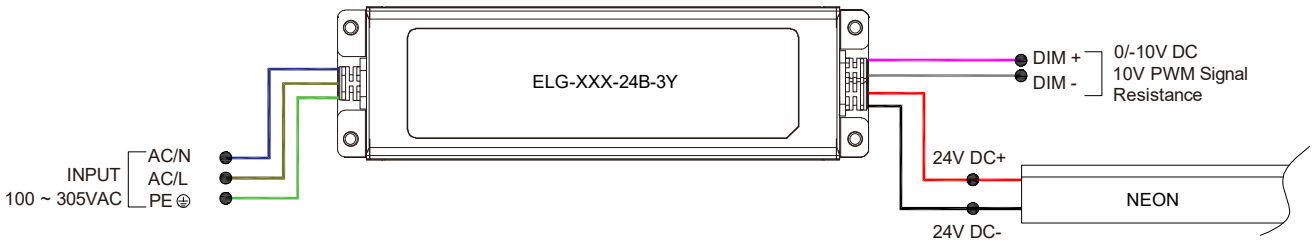
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

Wiring Diagram

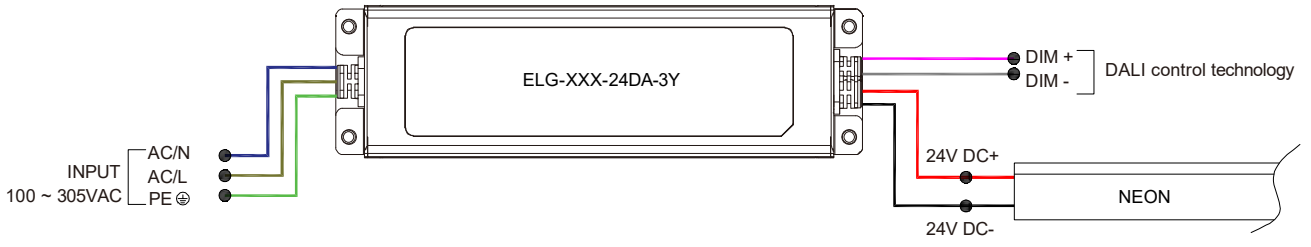
Non-dimmable



3 in 1-dimmable



DALI-dimmable



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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