JRLite

Deliver What You Design

LEDLINE ACE 1220BS WHT

Outdoor · Side Bending · Static White

Features

- Smooth diffusion, premium silicone offers incredible flexibility
- IP68 rated, ideal for outdoor uses, not for underwater project
- 5 years warranty

Date | Fixture type

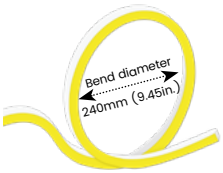
Project name | Project phase

Applications

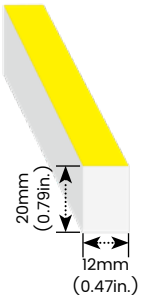
Gardens, parks, hotels, facades, pathways, outdoor steps, etc.

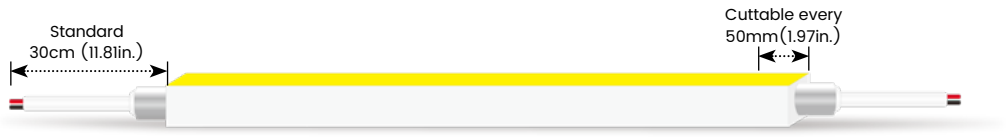


Bending Directions & Diameters



Dimensions





Order Code

Model	Bend Direction	Voltage	CCT	Power
ACE1220B	**S**-Side bending	**24V**-DC24V	**927**-RA90 2700K **930**-RA90 3000K **940**-RA90 4000K	**096**-9.6W/M **144**-14.4W/M

Assembly Builder

Left Feed Entry			
F	Front	**OW**	Open wire 30cm(0.98ft)
B	Bottom	**MC**	Male connector with 20cm(0.66ft) cable
S	Side	**FC**	Female connector with 20cm(0.66ft)cable
C	Closed	**NA**	Only for Closed Feed Entry

Assembly Builder

Right Feed Entry			
F	Front	**OW**	Open wire 30cm(0.98ft)
B	Bottom	**MC**	Male connector with 30cm(0.98ft) cable
S	Side	**FC**	Female connector with 30cm(0.98ft)cable
C	Closed	**NA**	Only for Closed Feed Entry

Length	
Max. nominal	20m (65.6ft) **9.6W**
Max. nominal	15m (49.2ft) **14.4W**
Increment	50mm(1.97in.)

Mounting Order Code

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.

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Lumen Output (lm/m)

CCT	9.6W/M	14.4W/M
2700K	540	815
3000K	550	831
4000K	577	871
Max. Run Length	20m	15m

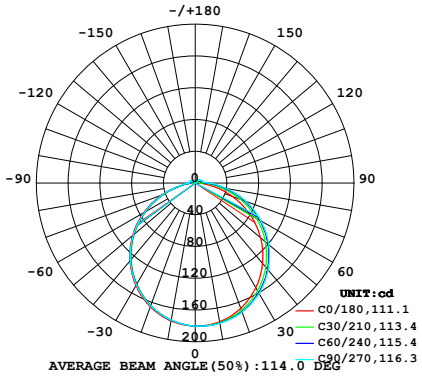
Techinical Details

Efficacy	57.29lm/W @3000K 9.6W
CRI	Ra≥90
LED MacAdam	3 steps
Average Life (L80B10)	>47,000 hours
Storage Temperature	-40°C ~ 65°C
Operating Temperature	-40°C ~ 65°C

Photometry

ACE1220BS-24-930-096

LEDLINE ACE 1220BS, Side Bend, 24V, RA90, 3000K, 9.6W/M



Zonal Lumen Summary

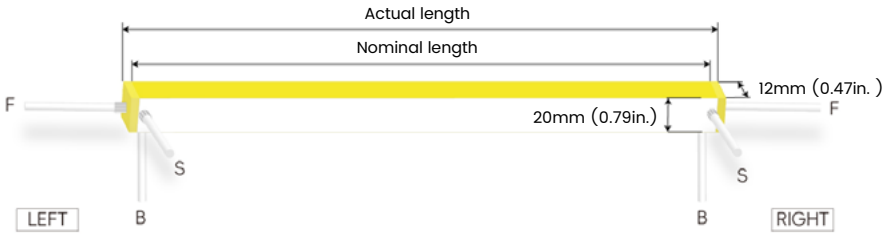
Zone	Lumen	% Fixture
0-30	140.2	25.2%
0-40	229.9	41.3%
0-60	409.1	73.5%
0-90	533.2	95.8%
0-180	556.9	100.0%

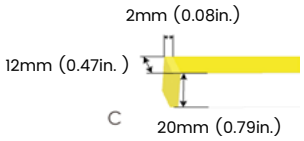
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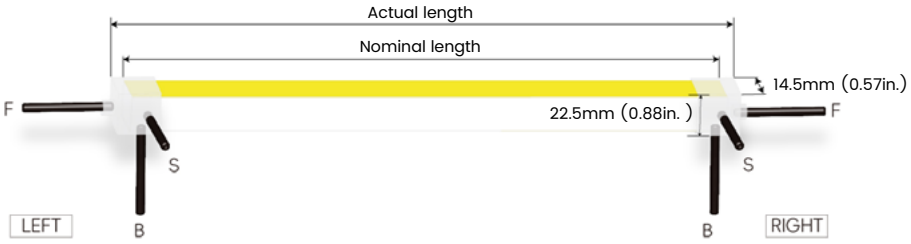
Feed Entry / End Cap Options

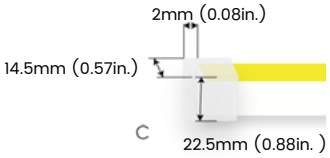
FT: Flush Translucent – IP68, factory-made only



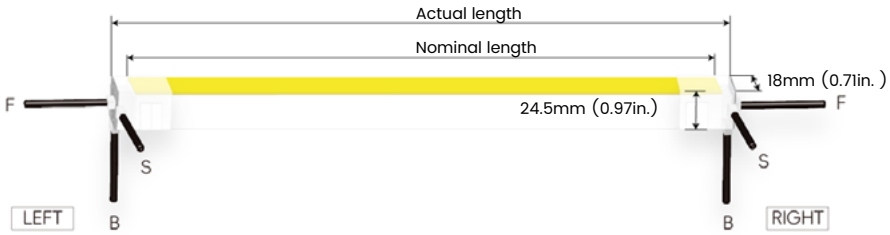


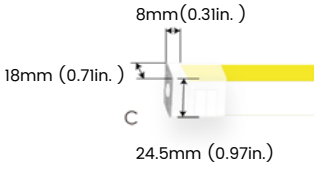
Silicone end cap – IP67, for field cuttable only





DIY end cap with screws – IP67, for field cuttable only

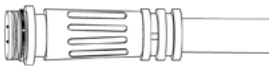




Connector Wire Options



OW: Open wire, **Dry only**
Standard 30cm(0.98ft),18 AWG,
wire length customizable



MC: Male connector, **Wet**
Standard 30cm(0.98ft), 18 AWG



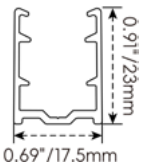
FC: Female connector, **Wet**
Standard 30cm(0.98ft), 18 AWG

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Mounting Options

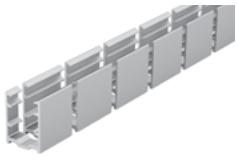


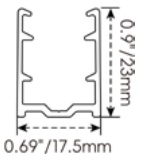




AC015-AP

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



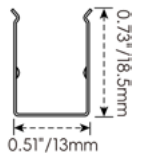




AC015-CAP

Name	Bendable surface profile
Material	Aluminum
Standard Length	1M (3.28ft)
Min. Bending Diameter	240mm (9.45in.)

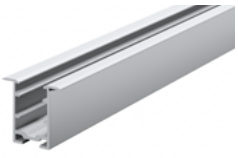


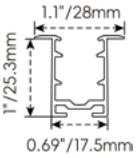




AC015-CR

Name	Bendable surface profile
Material	Stainless steel
Standard Length	500mm(1.64in.)
Min. Bending Diameter	240mm (9.45in.)
*Not suitable for upside-down installation	





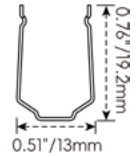


AC015-EP

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

Clip Options





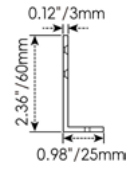


AC016-SET

Name	Mounting clip
Material	Stainless steel
Standard Length	15mm(0.59in.)
*Not suitable for upside-down installation	

Bracket Options





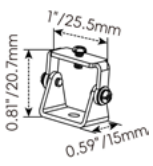




AC167-SET-LA

Name	L-shaped mounting bracket
Material	Aluminum
Standard Length	20mm(0.79in.)
* AC167-SET-LA must be installed with AC167-AP	









AC167-AMB

Name	Adjustable mounting clip
Material	Stainless steel
Standard Length	25.5mm (1 in.)
* AC167-AMB must be installed with AC167-AP	

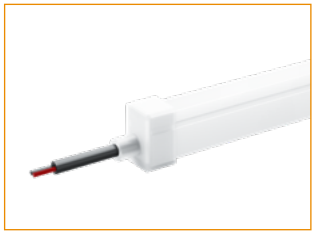
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Silicone End Caps (Optional, purchase for extra)



AD009S
Silicone closed end cap



AD008S-2-F
Silicone end cap front entry with 30cm(0.98ft) cable, 2 pin



AD008S-2-S
Silicone end cap side entry with 30cm(0.98ft) cable, 2 pin

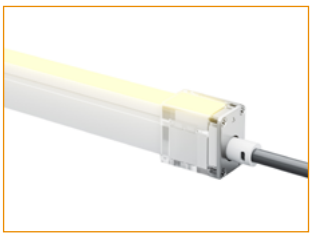


AD008S-2-B
Silicone end cap bottom entry with 30cm(0.98ft) cable, 2 pin

DIY End Caps (Optional, purchase for extra)



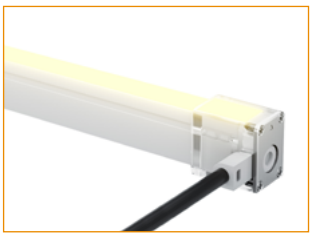
1220S-WS-C-2P-F/L-30
DIY end cap with screws,
left front entry,
30cm (0.98ft) cable, 2 pin, IP67



1220S-WS-C-2P-F/R-30
DIY end cap with screws,
right front entry,
30cm (0.98ft) cable, 2 pin, IP67



1220S-WS-C-2P-S/L-30
DIY end cap with screws,
left side entry,
30cm (0.98ft) cable, 2 pin, IP67



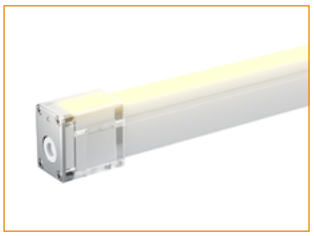
1220S-WS-C-2P-S/R-30
DIY end cap with screws,
right side entry,
30cm (0.98ft) cable, 2 pin, IP67



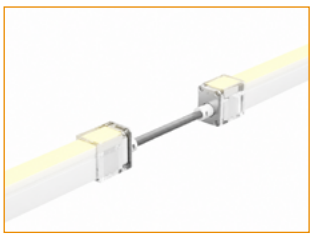
1220S-WS-C-2P-B/L-30
DIY end cap with screws,
left bottom entry,
30cm (0.98ft) cable, 2 pin, IP67



1220S-WS-C-2P-B/R-30
DIY end cap with screws,
right bottom entry,
30cm (0.98ft) cable, 2 pin, IP67



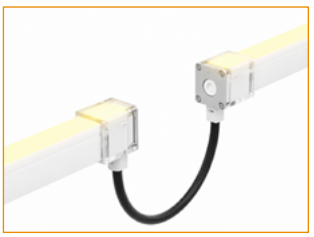
1220S-WS
DIY closed end cap with screws, IP67



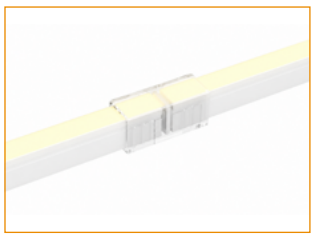
1220S-WS-J-2P-F/LR-15
Jumper connector front entry,
15cm (0.49ft) cable, 2 pin, IP67



1220S-WS-J-2P-S/LR-15
Jumper connector side entry,
15cm (0.49ft) cable, 2 pin, IP67



1220S-WS-J-2P-B/LR-15
Jumper connector bottom entry,
15cm (0.49ft) cable, 2 pin, IP67



1220S-NS-J-2P
Strip to strip connector,
2 pin, IP54

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Additional Accessories (Optional, purchase for extra)



AD007-2-MCW
Male connector,
30cm (0.98ft) UL white cable,
2 pin, IP67, Wet, 18 AWG



AD007-2-FCW
Female connector,
30cm (0.98ft) UL white cable,
2 pin, IP67, Wet, 18 AWG



AD007-2-MCB
Male connector,
30cm (0.98ft) black cable,
2 pin, IP67, Wet, 18 AWG



AD007-2-FCB
Female connector,
30cm (0.98ft) black cable,
2 pin, IP67, Wet, 18 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

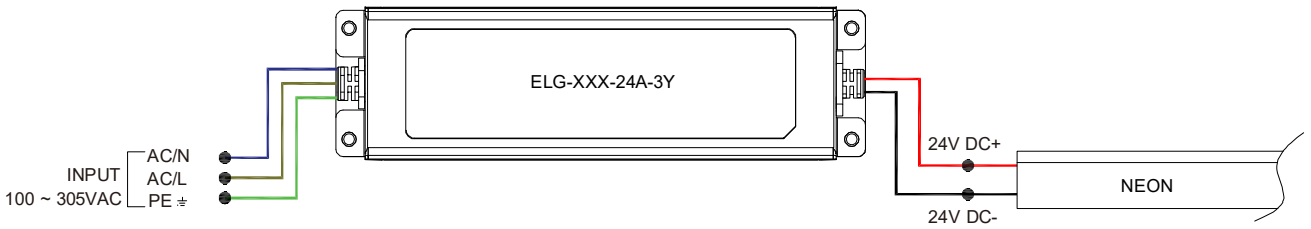
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

DALI-dimmable

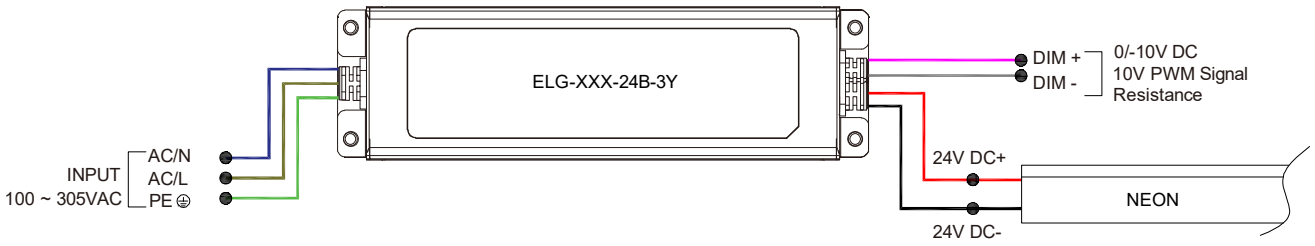
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

Wiring Diagram

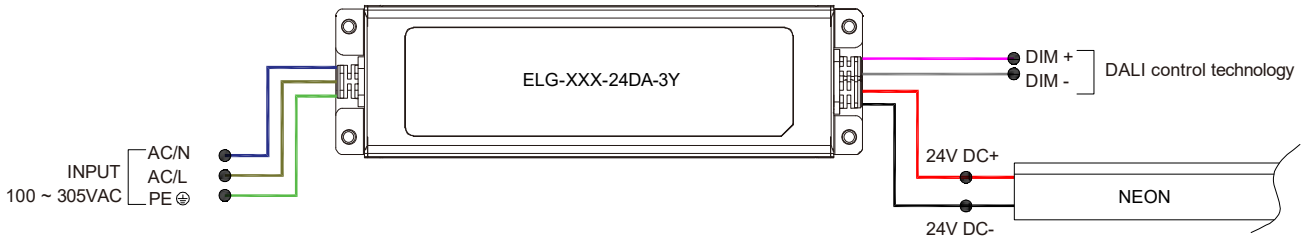
Non-dimmable



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