LEDLINE AXE 1617 SL WHT

Deliver What You Design

3D Bending · Super Long · Static White

Features

• AXE 1617 Super Long White CCT, double insurance safety: Incorporates robust protection circuits for enhanced durability and peace of mind.
• IP68 protection(not for underwater application), UV resistance, and chemical resistance ensure the durability in various environments.
• Installation-Friendly & Labor Saving: Field-cuttable and solder free reconnectable design enables quick and tool-light setup.
• Super-Long runs, no color difference. The ultimate solution where scale meets perfection.

Date

Fixture type

Project name

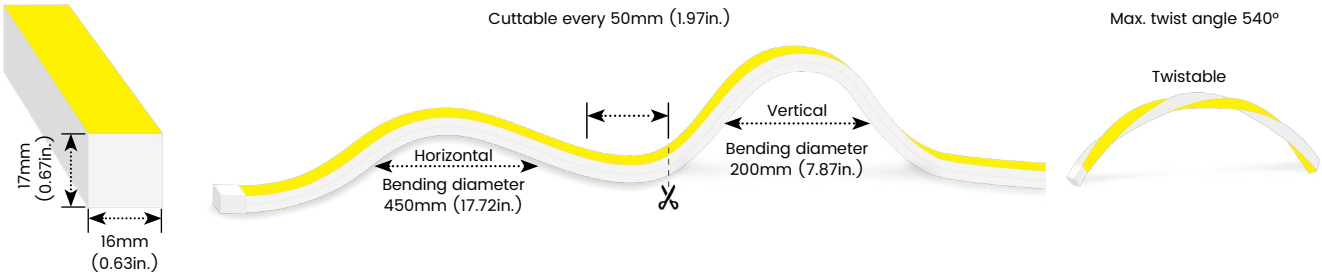
Project phase



Applications

Living rooms, TV walls, feature walls, under-cabinet areas, staircases, ceiling coves, hallways, etc.

Bending Directions & Diameters



Order Code

Model	Bend Direction	Voltage	CCT	Power
AXE1617SL	**3D**-3D bending	**24V**-DC24V	**927**-RA90 2700K **930**-RA90 3000K **940**-RA90 4000K	**048**-4.8W/M **096**-9.6W/M

Assembly Builder

Left 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

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	55m(180.45ft)	**4.8W**
Max. nominal	40m(131.23ft)	**9.6W**
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	4.8W/M	9.6W/M
2700K	373	695
3000K	397	736
4000K	406	754
Max. Run Length	55m	40m
Max. Run Length (DIY end cap)	20m	10m

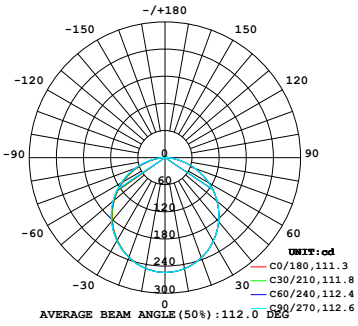
Techinical Details

Efficacy	64.58lm/W @3000K 9.6W
CRI	Ra≥90
Beam Angle	110°
LED MacAdam	3 step
IK Rating	IK10 (with aluminium profile)
Average Life (L70B10)	>44,000 hours
Storage Temperature	-40°C~ 65°C
Operating Temperature	-40°C~ 65°C

Photometry

AXE1617SL3D-24-930-096

LEDLINE AXE 1617 SL, 3D bending, 24V, RA90, 3000K, 9.6W/M



Zonal Lumen Summary

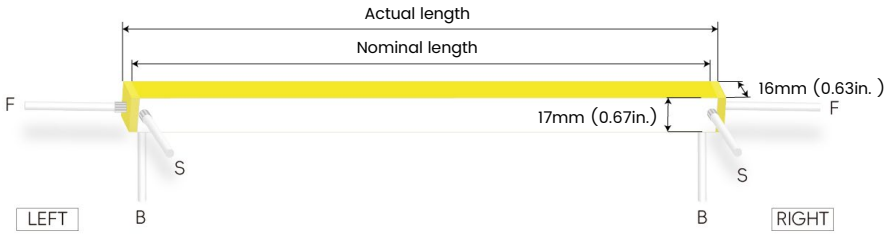
Zone	Lumen	% Fixture
0-30	196.1	26.6%
0-40	320.5	43.5%
0-60	566.3	76.9%
0-90	722.9	98.1%
0-180	736.7	100.0%

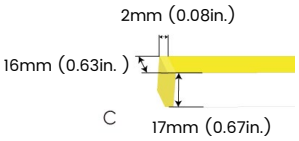
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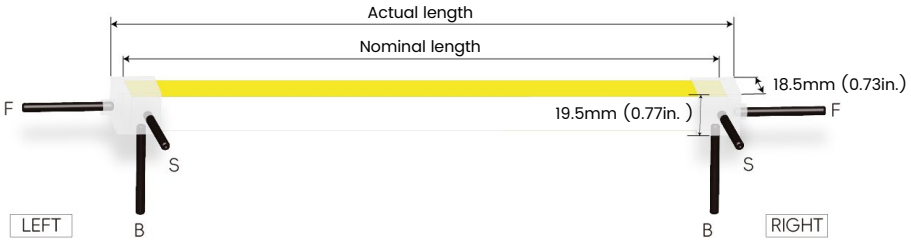
Feed Entry / End Cap Options

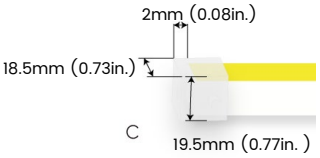
FT: Flush Translucent – IP68, factory-made only



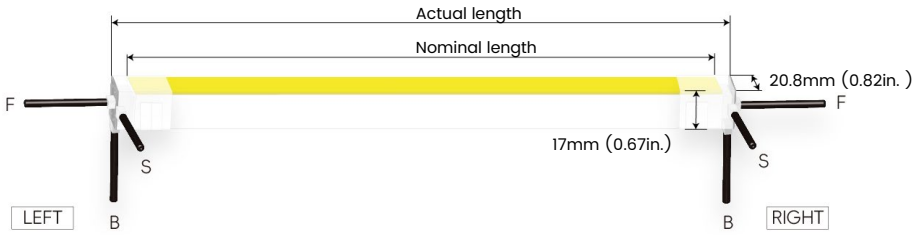


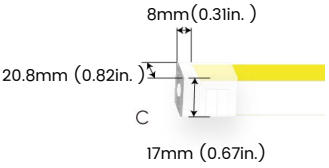
Silicone end cap – IP67, for field cuttable only



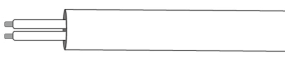


DIY end cap with screws – IP67, for field cuttable only

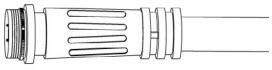




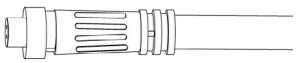
Connector Wire Options



OW: Open wire, **Dry only**
Standard 30cm(0.98ft),16 AWG,
wire length customizable



MC: Male connector, **Wet**
Standard 30cm(0.98ft), 20 AWG

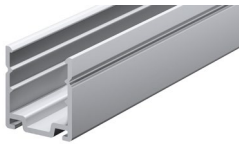
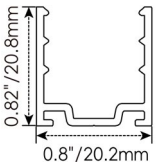


FC: Female connector, **Wet**
Standard 30cm(0.98ft), 20 AWG

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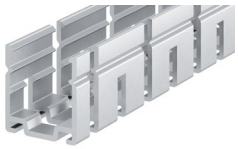
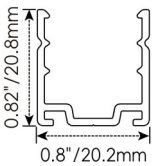
Mounting Options



AC167-AP

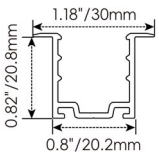
Name	Straight surface profile
Material	Aluminum
Standard Length	1M (3.28ft)




AC167-CR

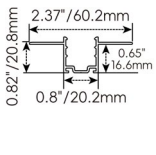
Name	Bendable surface profile
Material	Aluminum
Standard Length	1M (3.28ft)
Min. Bending Diameter	600mm(23.6in.)



AC167-EP

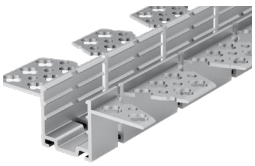
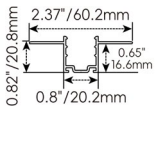
Name	Straight recessed profile
Material	Aluminum
Standard Length	1M (3.28ft)



AC167-LP

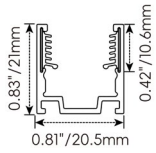
Name	Mud-in profile
Material	Aluminum
Standard Length	1M (3.28ft)




AC167-SCRL

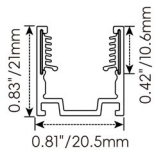
Name	Bendable mud-in profile
Material	Aluminum
Standard Length	1M (3.28ft)
Min. Bending Diameter	600mm(23.6in.)



AC167-SGP

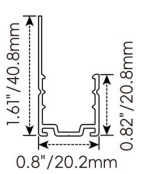
Name	Straight surface profile
Material	Aluminum with silicone groove
Standard Length	1M (3.28ft)



AC167-CSGP

Name	Bendable surface profile
Material	Aluminum with silicone groove
Standard Length	1M (3.28ft)
Min. Bending Diameter	600mm(23.6in.) only side bend



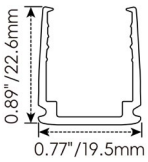
AC167-BA

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

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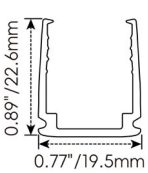




AC167-PC

Name	PC profile
Material	Polycarbonate
Standard Length	1M (3.28ft)







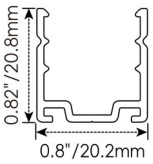


AC167-CPC

Name	Bendable PC profile
Material	Polycarbonate
Standard Length	1M (3.28ft)
Min. Bending Diameter	300mm(11.81in.)

Clip Options





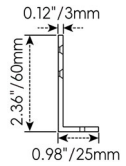


AC167-MC

Name	Mounting clip
Material	Aluminum
Standard Length	25mm (0.98in.)

Bracket Options







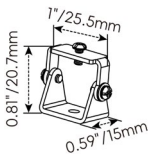


AC167-SET-LA

Name	L-shaped mounting bracket
Material	Aluminum
Standard Length	20mm(0.79in.)

* AC167-SET-LA must be installed with AC167-AP







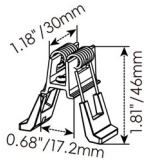


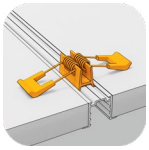
AC167-AMB

Name	Adjustable mounting clip
Material	Stainless steel
Standard Length	25.5mm (1 in.)

* AC167-AMB must be installed with AC167-AP







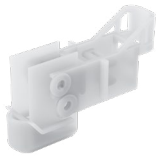


AC167-SET-LC

Name	Spring clip
Standard Pkg	1pcs

* AC167-SET-LC must be installed with AC167-EP

Tool Options



IF-167

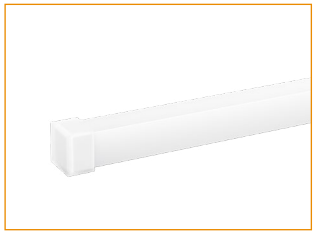
Name	Fixture
Material	Resin
Standard Pkg	1pcs

* Insertion Fixture for AC167-CPC

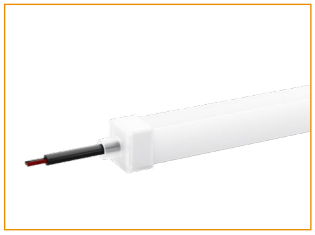
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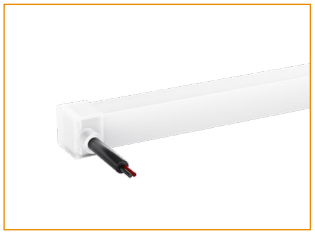
Silicone End Caps (Optional, purchase for extra)



AC167-EC
Silicone closed end cap



AC167-EC2-F
Silicone end cap front entry with 30cm(0.98ft) cable, 2 pin

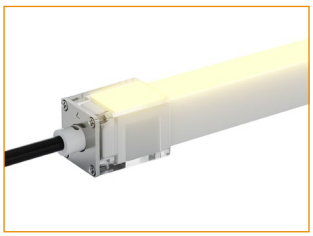


AC167-EC2-S
Silicone end cap side entry with 30cm(0.98ft) cable, 2 pin

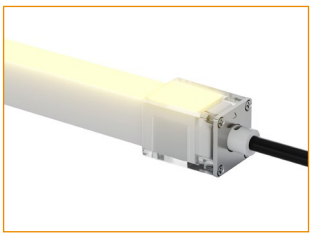


AC167-EC2-B
Silicone end cap bottom entry with 30cm(0.98ft) cable, 2 pin

DIY End Caps (Optional, purchase for extra)



1617T-WS-C-2P-F/L-30
DIY end cap with screws,
left front entry,
30cm (0.98ft) cable, 2 pin, IP67



1617T-WS-C-2P-F/R-30
DIY end cap with screws,
right front entry,
30cm (0.98ft) cable, 2 pin, IP67



1617T-WS-C-2P-S/L-30
DIY end cap with screws,
left side entry,
30cm (0.98ft) cable, 2 pin, IP67



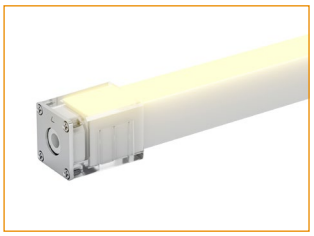
1617T-WS-C-2P-S/R-30
DIY end cap with screws,
right side entry,
30cm (0.98ft) cable, 2 pin, IP67



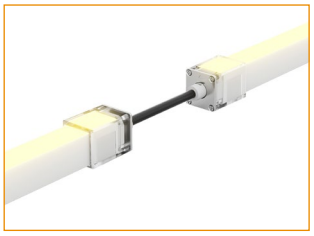
1617T-WS-C-2P-B/L-30
DIY end cap with screws,
left bottom entry,
30cm (0.98ft) cable, 2 pin, IP67



1617T-WS-C-2P-B/R-30
DIY end cap with screws,
right bottom entry,
30cm (0.98ft) cable, 2 pin, IP67



1617T-WS
DIY closed end cap with screws, IP67



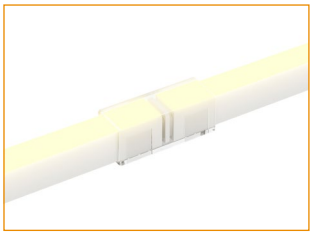
1617T-WS-J-2P-F/LR-15
Jumper connector front entry,
15cm (0.49ft) cable, 2 pin, IP67



1617T-WS-J-2P-S/LR-15
Jumper connector side entry,
15cm (0.49ft) cable, 2 pin, IP67



1617T-WS-J-2P-B/LR-15
Jumper connector bottom entry,
15cm (0.49ft) cable, 2 pin, IP67



1617T-NS-J-2P
Strip to strip connector,
2 pin, IP54

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Additional Accessories (Optional, purchase for extra)



AD103-2-MCW
Male connector,
30cm (0.98ft) UL white cable,
2 pin, IP67, Wet, 16 AWG



AD103-2-FCW
Female connector,
30cm (0.98ft) UL white cable,
2 pin, IP67, Wet, 16 AWG



AD103-2-MCB
Male connector,
30cm (0.98ft) black cable,
2 pin, IP67, Wet, 16 AWG



AD103-2-FCB
Female connector,
30cm (0.98ft) black cable,
2 pin, IP67, Wet, 16 AWG



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

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Drivers

Non-dimmable

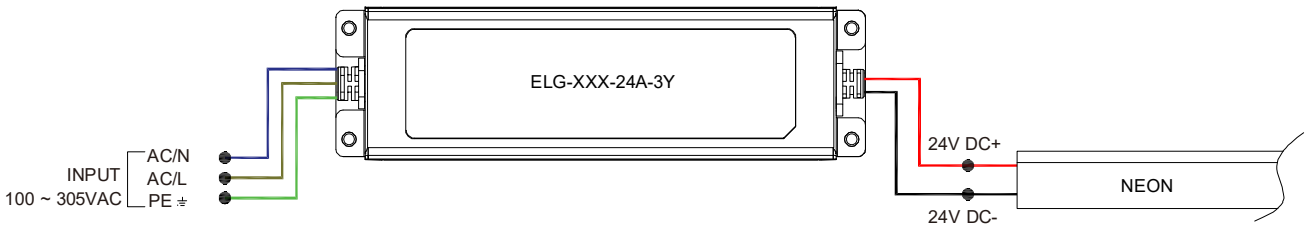
Code	Max Load	Input	Output	Environment	Size (L x W x H)
HLG-600H-24	600W	90-305VAC	24V	Dry/Damp/IP67	280 * 144 * 48.5 mm
HEP-1000-24	1000W	90-305VAC	24V	Dry/Damp/IP67	310* 144 * 48.5 mm
LRS-1200-24	1200W	180-305VAC	24V	Dry	225 * 124 * 41 mm

3 in 1-dimmable

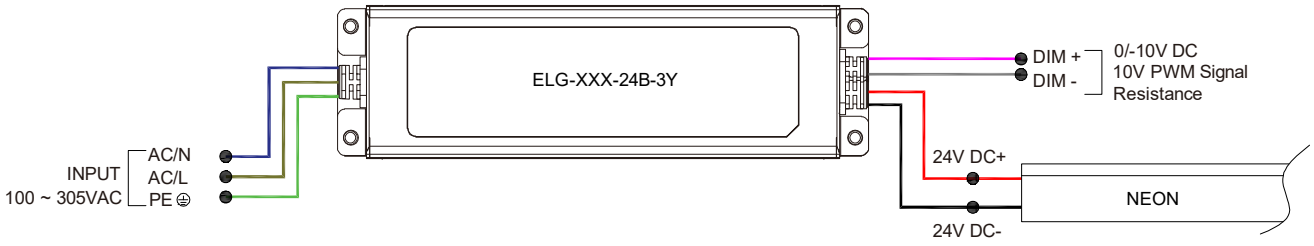
Code	Max Load	Input	Output	Environment	Size (L x W x H)
HLG-600H-24-B	600W	100-305VAC	24V	Dry/Damp/IP67	280 * 144 * 48.5 mm

Wiring Diagram

Non-dimmable



3 in 1-dimmable



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3D Bending · Super Long · Static White

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