

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.

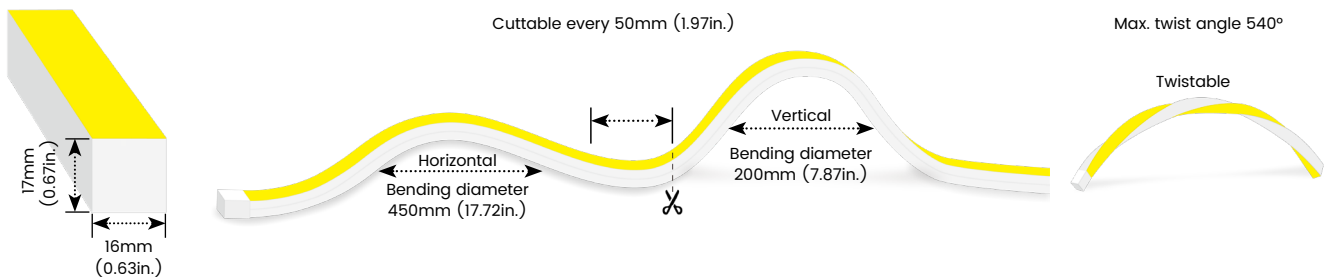
Applications

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

Date	Fixture type
Project name	Project phase



Bending Directions & Diameters



Order Code

Assembly Builder

Model	Bend Direction	Voltage	CCT	Power	Left Feed Entry			
AXE1617SL	3D-3D bending	24V-DC24V	927-RA90 2700K	048-4.8W/M	F	Front	OW	Open wire 30cm(0.98ft)
			930-RA90 3000K	096-9.6W/M	B	Bottom	MC	Male connector with 30cm(0.98ft) cable
			940-RA90 4000K		S	Side	FC	Female connector with 30cm(0.98ft)cable
					C	Closed	NA	Only for Closed Feed Entry

Assembly Builder

Mounting Order Code

Right Feed Entry			Length	
F	Front	OW	Open wire 30cm(0.98ft)	<b>Max. nominal</b> 55m(180.45ft) <b>4.8W</b>
B	Bottom	MC	Male connector with 30cm(0.98ft) cable	<b>Max. nominal</b> 40m(131.23ft) <b>9.6W</b>
S	Side	FC	Female connector with 30cm(0.98ft)cable	<b>Increment</b> 50mm (1.97in.)
C	Closed	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	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

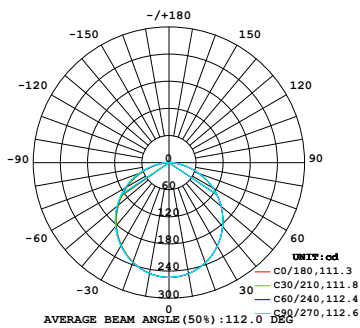
Technical Details

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

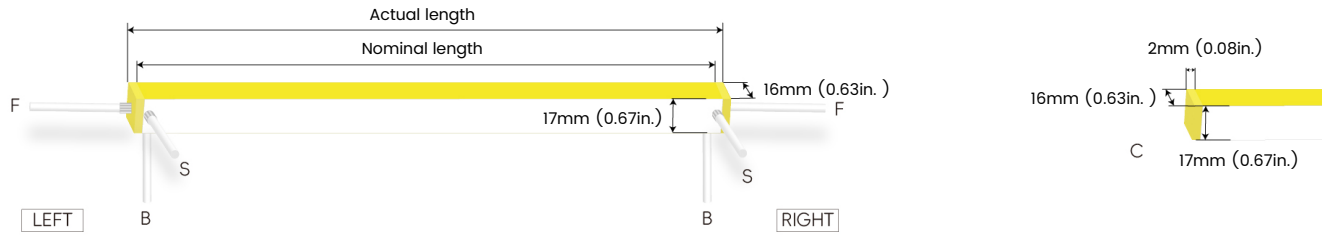


Zonal Lumen Summary

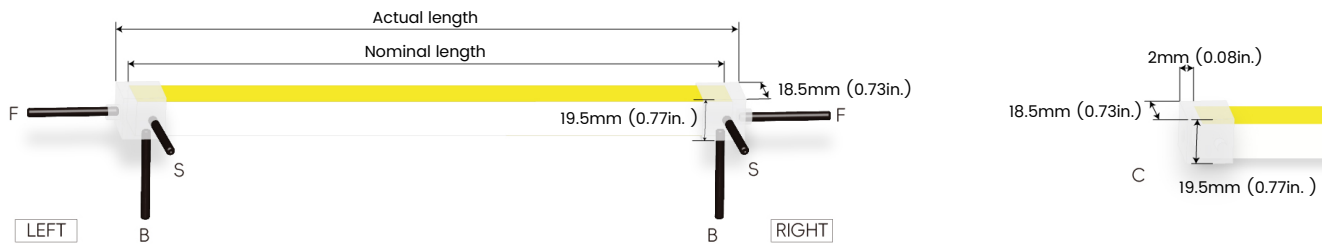
Zone	Lumen	% Fixture
0-30	196.1	26.6%
0-40	320.5	43.5%
0-60	566.3	76.9%
0-90	722.9	98.1%
0-180	736.7	100.0%

Feed Entry / End Cap Options

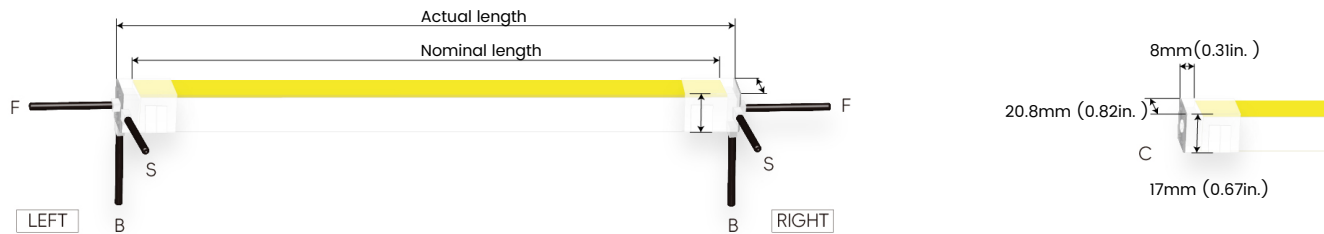
FT: Flush Translucent – IP68, factory-made only



Silicone end cap – IP67, for field cuttable only



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



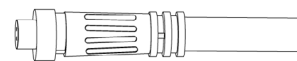
Connector Wire Options



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

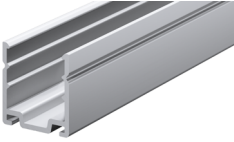
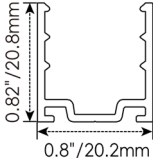

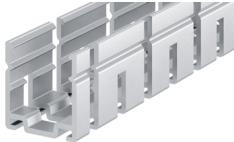
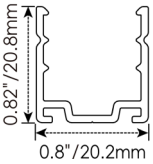

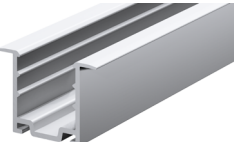
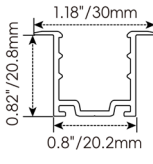


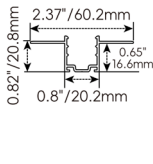

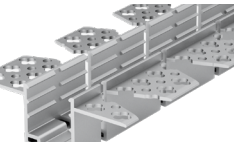
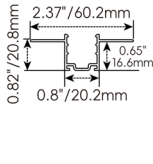
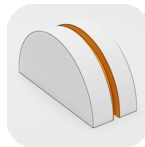

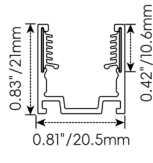


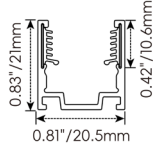

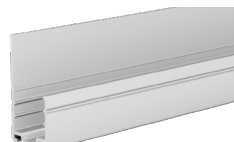
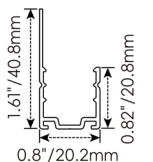
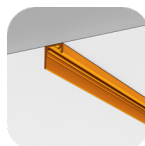


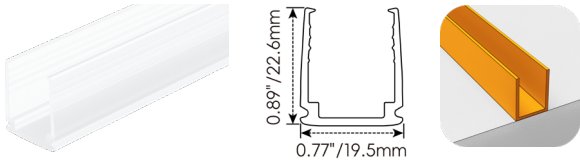
OW: Open wire, Dry only  
Standard 30cm (0.98ft), 16 AWG



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

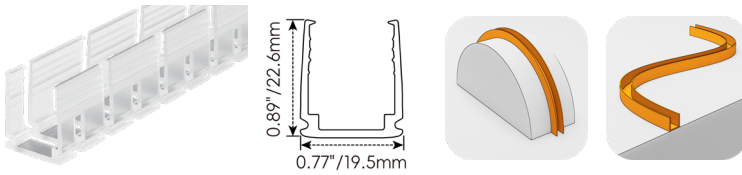
Mounting Options

			<p><b>AC167-AP</b></p> <table border="1"> <tr> <td>Name</td> <td>Straight surface profile</td> </tr> <tr> <td>Material</td> <td>Aluminum</td> </tr> <tr> <td>Standard Length</td> <td>1M (3.28ft)</td> </tr> </table>	Name	Straight surface profile	Material	Aluminum	Standard Length	1M (3.28ft)		
Name	Straight surface profile										
Material	Aluminum										
Standard Length	1M (3.28ft)										
			<p><b>AC167-CR</b></p> <table border="1"> <tr> <td>Name</td> <td>Bendable surface profile</td> </tr> <tr> <td>Material</td> <td>Aluminum</td> </tr> <tr> <td>Standard Length</td> <td>1M (3.28ft)</td> </tr> <tr> <td>Min. Bending Diameter</td> <td>600mm (23.6in.)</td> </tr> </table>	Name	Bendable surface profile	Material	Aluminum	Standard Length	1M (3.28ft)	Min. Bending Diameter	600mm (23.6in.)
Name	Bendable surface profile										
Material	Aluminum										
Standard Length	1M (3.28ft)										
Min. Bending Diameter	600mm (23.6in.)										
			<p><b>AC167-EP</b></p> <table border="1"> <tr> <td>Name</td> <td>Straight recessed profile</td> </tr> <tr> <td>Material</td> <td>Aluminum</td> </tr> <tr> <td>Standard Length</td> <td>1M (3.28ft)</td> </tr> </table>	Name	Straight recessed profile	Material	Aluminum	Standard Length	1M (3.28ft)		
Name	Straight recessed profile										
Material	Aluminum										
Standard Length	1M (3.28ft)										
			<p><b>AC167-LP</b></p> <table border="1"> <tr> <td>Name</td> <td>Mud-in profile</td> </tr> <tr> <td>Material</td> <td>Aluminum</td> </tr> <tr> <td>Standard Length</td> <td>1M (3.28ft)</td> </tr> </table>	Name	Mud-in profile	Material	Aluminum	Standard Length	1M (3.28ft)		
Name	Mud-in profile										
Material	Aluminum										
Standard Length	1M (3.28ft)										
			<p><b>AC167-SCRL</b></p> <table border="1"> <tr> <td>Name</td> <td>Bendable mud-in profile</td> </tr> <tr> <td>Material</td> <td>Aluminum</td> </tr> <tr> <td>Standard Length</td> <td>1M (3.28ft)</td> </tr> <tr> <td>Min. Bending Diameter</td> <td>600mm (23.6in.)</td> </tr> </table>	Name	Bendable mud-in profile	Material	Aluminum	Standard Length	1M (3.28ft)	Min. Bending Diameter	600mm (23.6in.)
Name	Bendable mud-in profile										
Material	Aluminum										
Standard Length	1M (3.28ft)										
Min. Bending Diameter	600mm (23.6in.)										
			<p><b>AC167-SGP</b></p> <table border="1"> <tr> <td>Name</td> <td>Straight surface profile</td> </tr> <tr> <td>Material</td> <td>Aluminum with silicone groove</td> </tr> <tr> <td>Standard Length</td> <td>1M (3.28ft)</td> </tr> </table>	Name	Straight surface profile	Material	Aluminum with silicone groove	Standard Length	1M (3.28ft)		
Name	Straight surface profile										
Material	Aluminum with silicone groove										
Standard Length	1M (3.28ft)										
			<p><b>AC167-CSGP</b></p> <table border="1"> <tr> <td>Name</td> <td>Bendable surface profile</td> </tr> <tr> <td>Material</td> <td>Aluminum with silicone groove</td> </tr> <tr> <td>Standard Length</td> <td>1M (3.28ft)</td> </tr> <tr> <td>Min. Bending Diameter</td> <td>600mm (23.6in.) only side bend</td> </tr> </table>	Name	Bendable surface profile	Material	Aluminum with silicone groove	Standard Length	1M (3.28ft)	Min. Bending Diameter	600mm (23.6in.) only side bend
Name	Bendable surface profile										
Material	Aluminum with silicone groove										
Standard Length	1M (3.28ft)										
Min. Bending Diameter	600mm (23.6in.) only side bend										
			<p><b>AC167-BA</b></p> <table border="1"> <tr> <td>Name</td> <td>Light-block profile</td> </tr> <tr> <td>Material</td> <td>Aluminum</td> </tr> <tr> <td>Standard Length</td> <td>1M (3.28ft)</td> </tr> </table>	Name	Light-block profile	Material	Aluminum	Standard Length	1M (3.28ft)		
Name	Light-block profile										
Material	Aluminum										
Standard Length	1M (3.28ft)										



**AC167-PC**

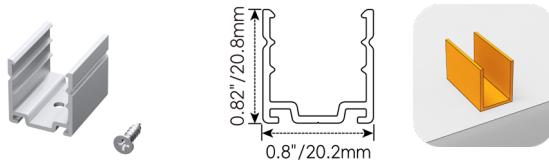
Name	PC profile
Material	Polycarbonate
Standard Length	1M (3.28ft)



**AC167-CPC**

Name	Bendable PC profile
Material	Polycarbonate
Standard Length	1M (3.28ft)
Min. Bending Diameter	300mm (11.8in.)

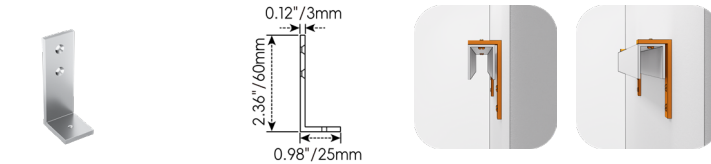
Clip Options



**AC167-MC**

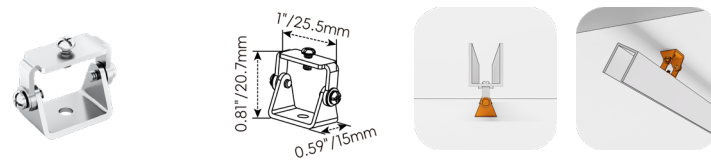
Name	Mounting clip
Material	Aluminum
Standard Length	25mm (0.98in.)

Bracket Options



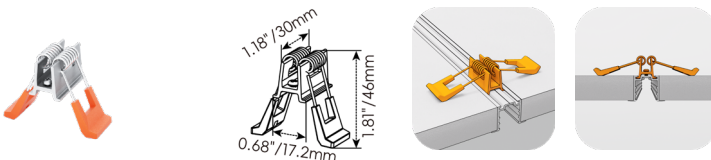
**AC167-SET-LA**

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



**AC167-AMB**

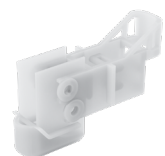
Name	Adjustable mounting clip
Material	Stainless steel
Standard Length	25.5mm (1 in.)
* AC167-AMB must be installed with AC167-AP	



**AC167-SET-LC**

Name	Spring clip
Standard Pkg	1pcs
* AC167-SET-LC must be installed with AC167-EP	

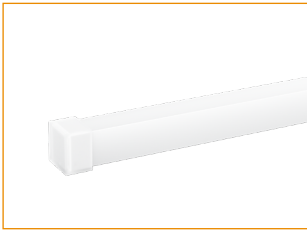
Tool Options



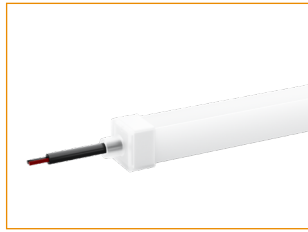
**IF-167**

Name	Fixture
Material	Resin
Standard Pkg	1pcs
* Insertion Fixture for AC167-CPC	

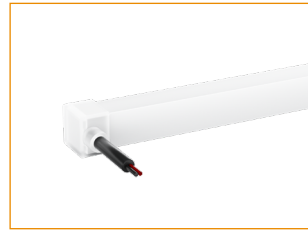
Silicone End Caps (Optional, purchase for extra)



**AC167-EC**  
Silicone closed end cap



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

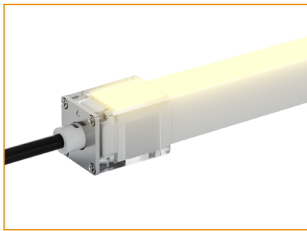


**AC167-EC2-S**  
Silicone end cap side entry with 30cm(0.98ft) cable, 2 pin

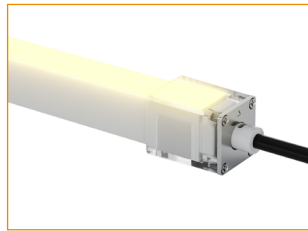


**AC167-EC2-B**  
Silicone end cap bottom entry with 30cm(0.98ft) cable, 2 pin

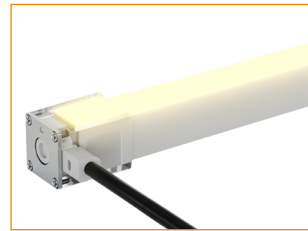
DIY End Caps (Optional, purchase for extra)



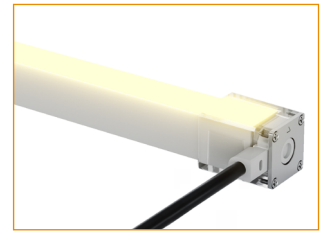
**1617T-WS-C-2P-F/L-30**  
DIY end cap with screws, left front entry, 30cm (0.98ft) cable, 2 pin, IP67



**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



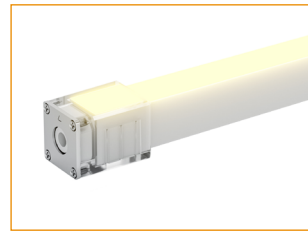
**1617T-WS-C-2P-S/R-30**  
DIY end cap with screws, right side entry, 30cm (0.98ft) cable, 2 pin, IP67



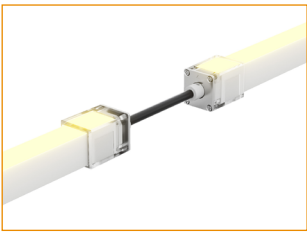
**1617T-WS-C-2P-B/L-30**  
DIY end cap with screws, left bottom entry, 30cm (0.98ft) cable, 2 pin, IP67



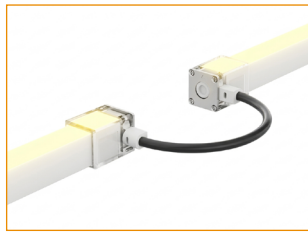
**1617T-WS-C-2P-B/R-30**  
DIY end cap with screws, right bottom entry, 30cm (0.98ft) cable, 2 pin, IP67



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



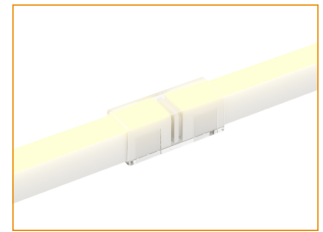
**1617S-WS-J-2P-F/LR-15**  
Jumper connector front entry, 15cm (0.49ft) cable, 2 pin, IP67



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



**1617S-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

**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

# LEDLINE AXE 1617 SL WHT

3D Bending · Super Long · Static White

## Drivers

### Non-dimmable

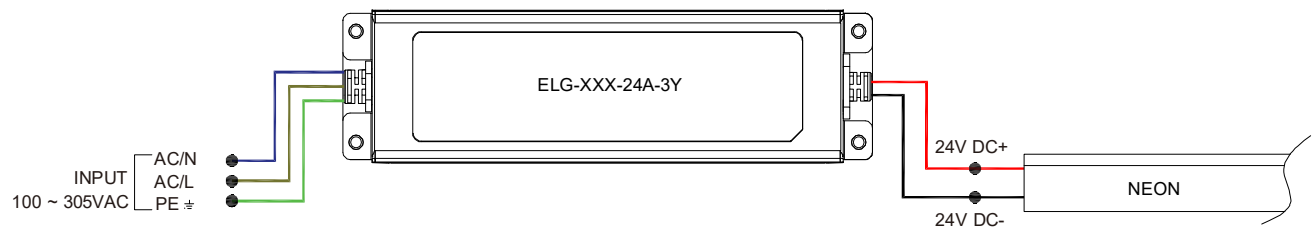
Code	Max Load	Input	Output	Environment	Size (L x W x H)
HLG-600H-24	600W	90-305VAC	24V	Dry/Damp/IP67	280 * 144 * 48.5 mm
HEP-1000-24	1000W	90-305VAC	24V	Dry/Damp/IP67	310 * 144 * 48.5 mm
LRS-1200-24	1200W	180-305VAC	24V	Dry	225 * 124 * 41 mm

### 3 in 1-dimmable

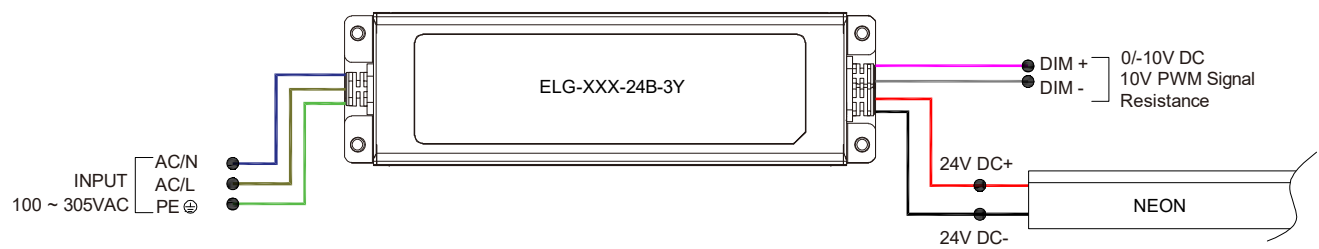
Code	Max Load	Input	Output	Environment	Size (L x W x H)
HLG-600H-24-B	600W	100-305VAC	24V	Dry/Damp/IP67	280 * 144 * 48.5 mm

## Wiring Diagram

### Non-dimmable



### 3 in 1-dimmable



**LEDLINE AXE 1617 SL WHT**

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