Manuals+ — User Manuals Simplified.

Arcflex 1617
LED Linear Light

CLEAR Arcflex 1617 LED Linear Light Instruction Manual

Contents

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Specifications

- **Working Voltage**: DC24V
- **Rated Power/m:** 8W (Monochrome), 12W (Dynamic white)
- **Lumen Output:** >620lm (Monochrome), 10lm (Dynamic white) @5700K
- **IP Rating:** IP68
- **CRI:** 90 Max.
- **Standard Length:** 10m/pc (Monochrome), 6m/pc (static full loading), 8m/pc (dynamic operating) (Dynamic white)
- **Weight/m:** 330g
- **Warranty:** 10 years
- **Ambient Working Temperature:** -40-60°C/-40-140°F
- **Storage Temperature:** -40 ~ 60°C /-40-140°F
- **Ambient Installation Temperature:** >-40°C / 40°F
- **Max. Mounting Surface Temperature:** 85°C/185°F

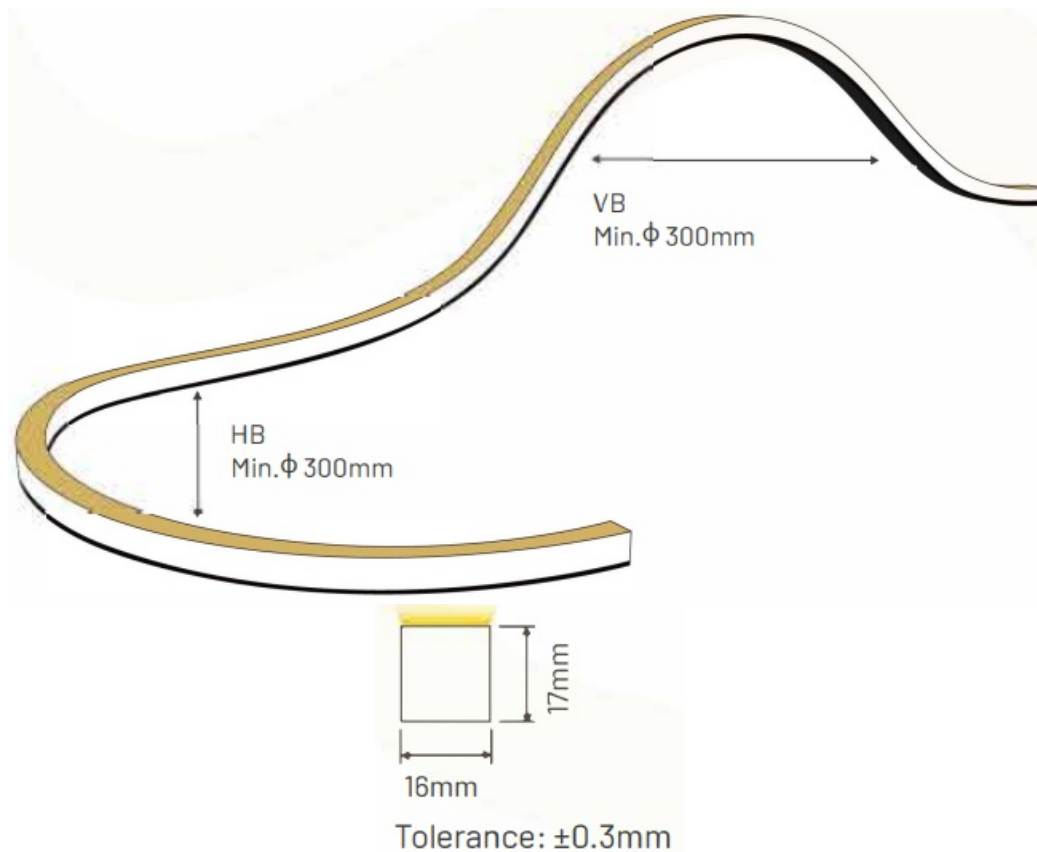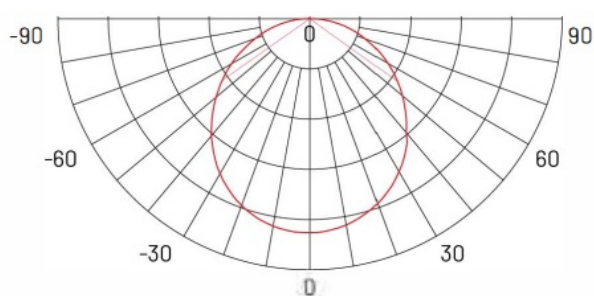Red   Green   Blue   2200K   2400K   2700K   3000K   3500K   4000K   5000K   5700K   2700~5700K
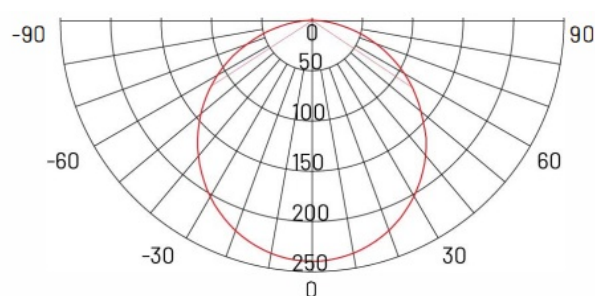
Dimension

VB
Min.Φ 300mm

HB
Min.Φ 300mm

17mm

16mm

Tolerance: ±0.3mm

Parameter

Average Beam Angle(50%): 109.1°

e.g: 8W @3000K

Average Beam Angle(50%):113.1°

e.g: 12W @2700K+5700K

Article No.	Arcflex1617 (Monochrome)	Arcflex1617 (Dynamic
Working Voltage	DC24V	white) DC24V
Rated Power/m	8W	12W
Lumen Output(lm/m)	>620lm(ErP 8W) @3000K	>310lm@5700K
IP Rating	IP68	IP68
CRI	≥90	≥90
Standard Length	Max. 10m/pc	Max. 6m/pc (static full loading) /Max. 8m/pc (dynamic operating)
Weight/m	330g	330g
Warranty	10 years	

| Item Code	Finished Product			
	CCT/Color	Wavelength/ CCT Tolerance	Lumen/m	Lumen/ft
Arcflex1617-R-DC24V-8W-154-45.4-WMD	● Red	620-630nm	>190	>58
Arcflex1617-G-DC24V-8W-154-45.4-WMD	● Green	512-522nm	>540	>165
Arcflex1617-B-DC24V-8W-154-45.4-WMD	● Blue	464-474nm	>110	>34
Arcflex1617-W22/R90-DC24V-8W-154-45.4-WMD-ErP	● 2200K	2200±82K	>600	>183
Arcflex1617-W24/R90-DC24V-8W-154-45.4-WMD-ErP	● 2400K	2400±100K	>600	>183
Arcflex1617-W27/R90-DC24V-8W-154-45.4-WMD-ErP	● 2700K	2700±115K	>620	>189
Arcflex1617-W30/R90-DC24V-8W-154-45.4-WMD-ErP	● 3000K	3000±140K	>620	>189
Arcflex1617-W35/R90-DC24V-8W-154-45.4-WMD-ErP	● 3500K	3500±170K	>620	>189
Arcflex1617-W40/R90-DC24V-8W-154-45.4-WMD-ErP	● 4000K	4000±225K	>620	>189
Arcflex1617-W50/R90-DC24V-8W-154-45.4-WMD-ErP	● 5000K	5000±300K	>620	>189
Arcflex1617-W57/R90-DC24V-8W-154-45.4-WMD-ErP	● 5700K	5700±355K	>610	>186
Arcflex1617-D27~57/R90-DC24V-12W-308-45.4-WMD	● 2700~5700K	2725±145K	>300	>91
		5665±355K	>310	>96

PRODUCT NOMENCLATURE

Arcflex1617 – W35/R90 -DC24V- 8W – 154 – 45.5 – WMD – ErP

Model Name	Light Color / CRI	Voltage	Power/m	LED Quantity /m	Min.Cutting Length (mm)	Finish	Version
Arcflex=Trademark **1617** =Dimension W16*H17	**W22/R90**=2200K/R90 **W24/R90**=2400K/R90 **W27/R90**=2700K/R90 **W30/R90**=3000K/R90 **W35/R90**=3500K/R90 **W40/R90**=4000K/R90 **W50/R90**=5000K/R90 **W57/R90**=5700K/R90 **R**=Red **G**=Green **B**=Blue **D27~57/R90** =2700-5700K/90	**DC24V**	**8W** **12W**	**154** **308**	**45.5**	**W**= White Body **M**= Milky Light Surface **D**= Dark Base Marking	**ErP**=Energy -related Product **/**

CONNECTOR

1P68 Silicone Injection-Moulded Connector – Tolerance: +0.3mm

Silicone Injection-Moulded Front Connector (Bottom)

4.5mm

19mm

16mm
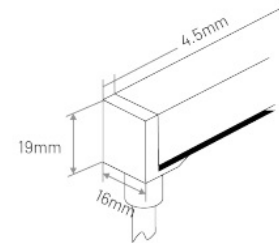
Silicone Injection-Moulded Front Connector (Side)

4.5mm

17mm

18mm
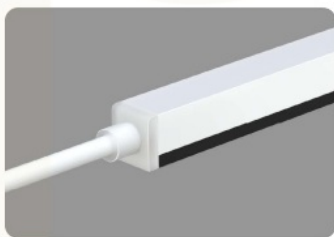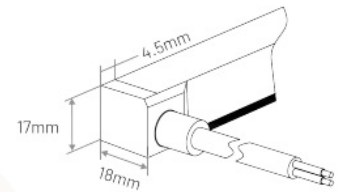
Silicone Injection-Moulded Front Connector (End)

16.6mm

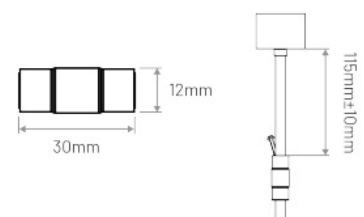4.5mm

Φ10mm

17mm
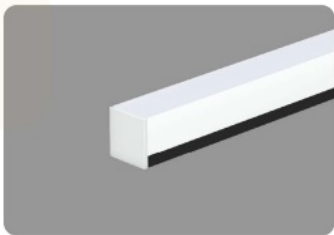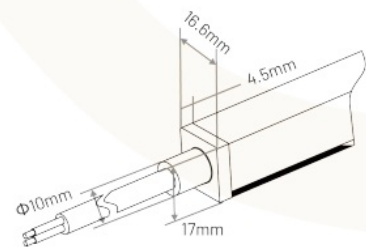
Silicone Injection-Moulded End Cap

16mm

2mm

17mm
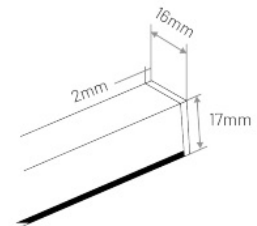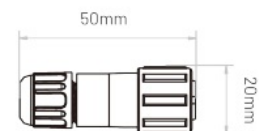

Anti-wicking Ferrule

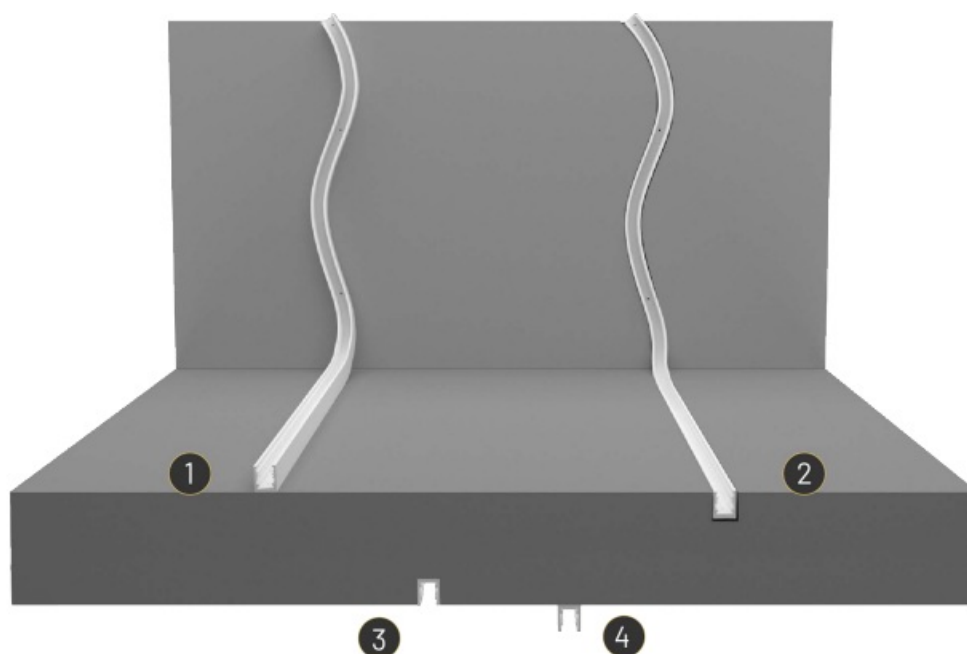Note: Warranty will void if it's removed and cause the water ingress.

12mm

30mm

115mm±10mm

Male & Female Connector

Optional

50mm

20mm

PROFILE

Anole™ Profile

Anole1617-WW/DD

Kids Friendly · Solvents Resistant · Saltwater Resistant · UV Resistant

30+
Times
Clamping Force

APPEARANCE COLOR

Standard · Custom

Vertical Bending
Min. Φ300mm

Horizontal Bending
Min. Φ300mm
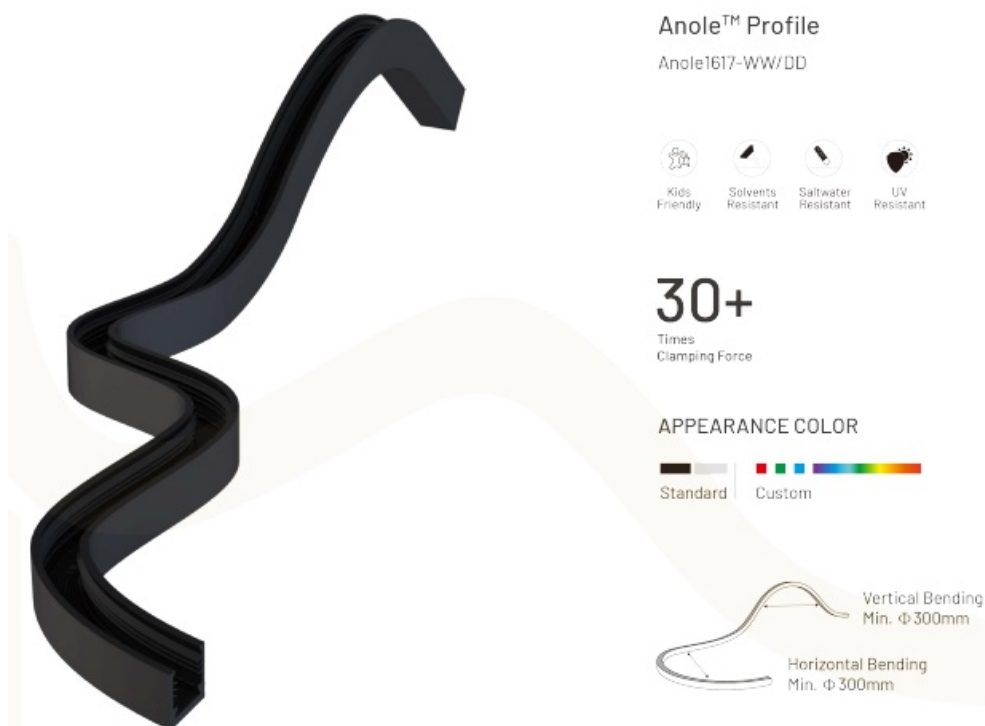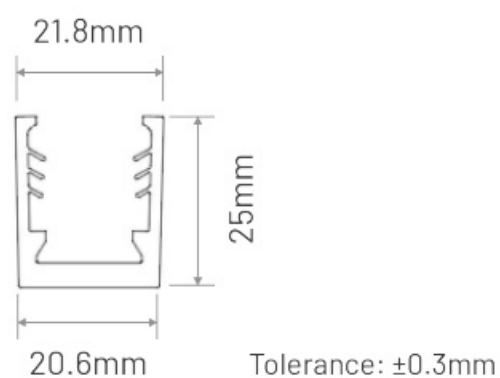
Installation Way

Dimension

21.8mm

25mm

20.6mm

Tolerance: ±0.3mm

Standard Length
55mm, 110mm, 200mm, 500mm, 1000mm

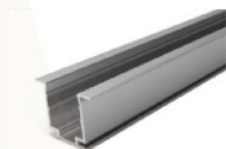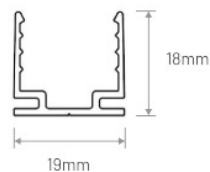### Aluminum Profile

1617-A/PL
Available Lengths:
35mm, 500mm, 1000mm, 2000mm

18mm
19mm

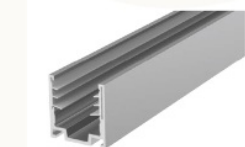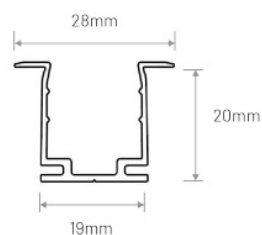### Flange Aluminum Profile
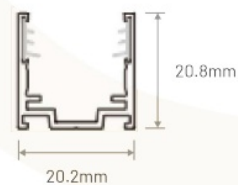
1617-FA/PL
Available Lengths:
35mm, 500mm, 1000mm, 2000mm

28mm
20mm
19mm

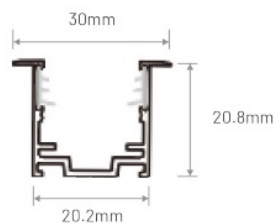### Serrated Aluminum Profile

1617-SA/PL
Available Lengths:
20mm, 500mm, 1000mm, 2000mm

20.8mm
20.2mm

Flange Serrated Aluminum Profile

1617-FSA/PL
Available Lengths:
20mm, 500mm, 1000mm, 2000mm
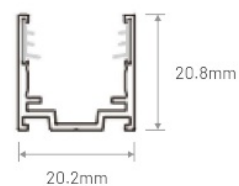
30mm
20.8mm
20.2mm

Bendable Serrated Aluminum Profile (HB)

1617-BSA/PL
Available Lengths: 500mm, 1000mm
Bending Diameter: Φ300mm

20.8mm
20.2mm

Installation

1. Ensure the working voltage is DC24V.
2. Fix the ArcflexTM in the desired location using appropriate mounting hardware.
3. Connect the power source to the ArcflexTM following the manufacturer's instructions.

Operation

1. Switch on the power supply to activate the ArcflexTM.

2. For the Monochrome version, adjust the color temperature as needed.

3. For the Dynamic White version, choose between static full loading or dynamic operating modes.

Maintenance

1. Regularly inspect the ArcflexTM for any damage or loose connections.

2. Clean the surface of the ArcflexTM gently using a soft, damp cloth when necessary.

FAQs

Q: What is the warranty period for Arcflex1617?
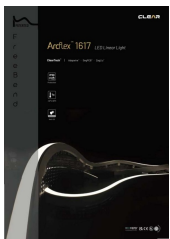A: The warranty for Arcflex1617 is 10 years.

Q: What is the IP rating of Arcflex1617?
A: Arcflex1617 has an IP rating of IP68.

Q: How do I adjust the color temperature of the Monochrome version?
A: The color temperature of the Monochrome version can be adjusted according to your preference using the provided controls.

Documents / Resources

CLEAR Arcflex 1617 LED Linear Light [pdf] Instruction Manual
1617B, 1617, Arcflex 1617 LED Linear Light, Arcflex 1617, LED Linear Light, Linear Light, Light

References

- **User Manual**