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Arcflex™ 1617 *LED Linear Light*

ClearTech™ | Adapwire™ | SegPCB™ | ZagLiu™



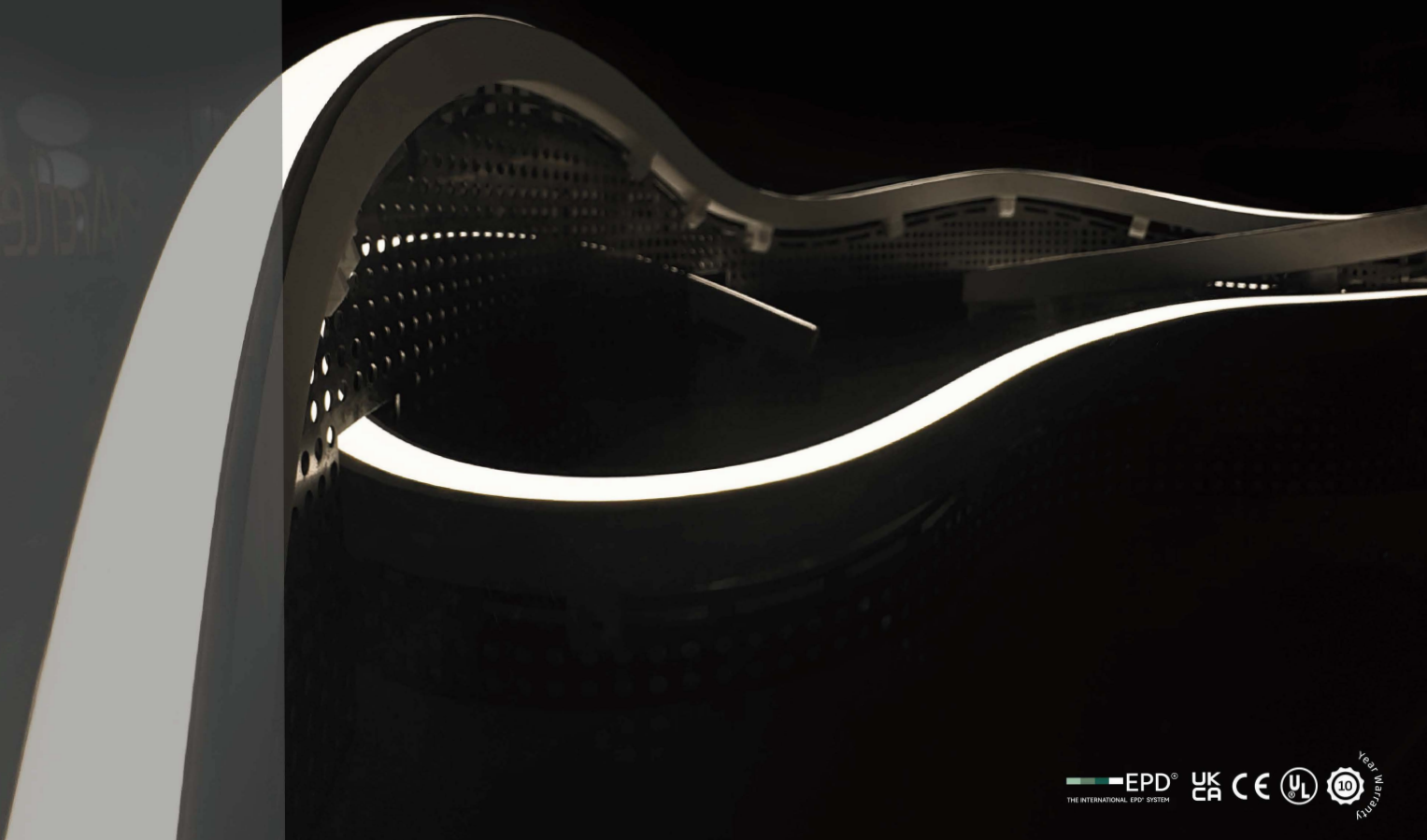
Protection

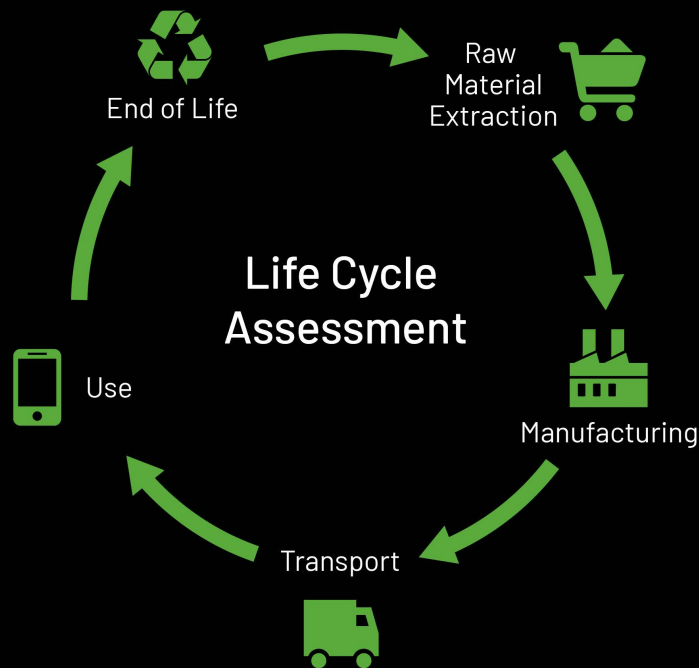


-40°C-60°C



Anti-UV





SUSTAINABILITY

Environmental Product Declarations

An EPD is a summary of the lifecycle assessment (LCA) for a product from material extraction to production, shipping, consumption and disposal. CLEAR EPD-verified products allow architects, designers, building contractors etc. to compare and evaluate the lifetime sustainability of construction products and materials.

By making our products transparent on the environmental impact, we hope to have a positive impact on the living environment and people's well-being.



Arcflex™, part of FreeBend™ Series, blends horizontal and vertical bends into a single light, empowering experts from designers and suppliers to light planners and installers to unlock massive success. With the Free Bend capability, designers can amplify their ingenuity and streamline their work process, which in turn, helps construction site personnel to implement products easily without worries of failure and deliver projects more efficiently.



Utmost Freedom to Lighting Design Unlocked by Excellent Bending in Both Ways



No Threat from PCB Failure



Hassle-free Installation and Worry-free Maintenance



Improved Energy Efficiency with ErP Compliance



Packaged Solution with Versatile Free Bend Mounting Profile

SPECIFICATION



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

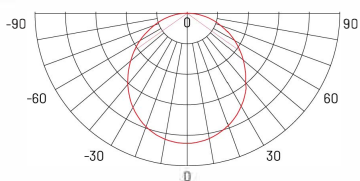


Red Green Blue 2200K 2400K 2700K 3000K 3500K 4000K 5000K 5700K 2700-5700K

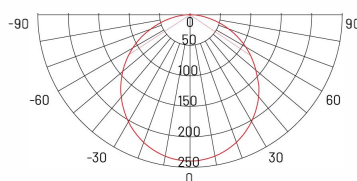
Dimension



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 5665±355K	>300 >310	>91 >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	DC24V	8W	154	45.5	W = White Body M = Milky Light Surface D = Dark Base Marking	ErP =Energy-related Product
	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		12W	308	/		

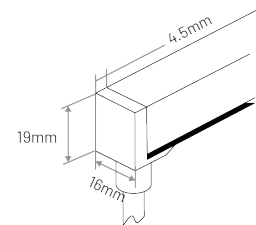
CONNECTOR

IP68 Silicone Injection-Moulded Connector

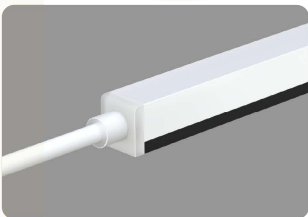
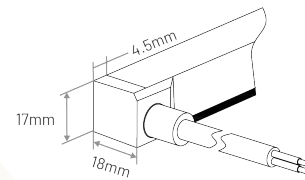
Tolerance: ±0.3mm



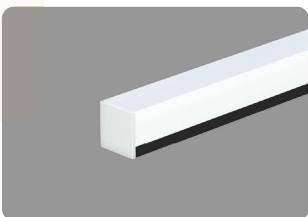
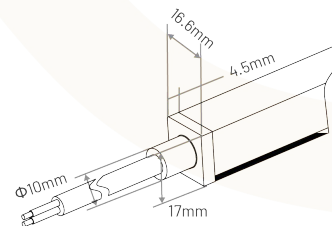
Silicone Injection-Moulded Front Connector (Bottom)



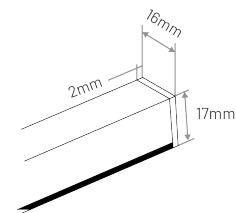
Silicone Injection-Moulded Front Connector (Side)



Silicone Injection-Moulded Front Connector (End)

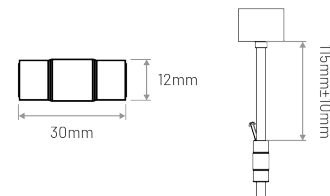


Silicone Injection-Moulded End Cap



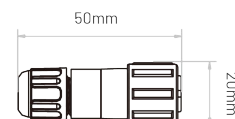
Anti-wicking Ferrule

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



Male & Female Connector

Optional



PROFILE



Anole™ Profile

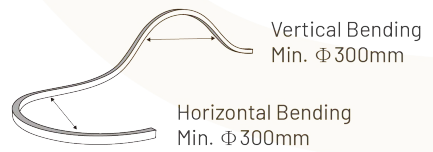
Anole1617-WW/DD

-  Kids Friendly
-  Solvents Resistant
-  Saltwater Resistant
-  UV Resistant

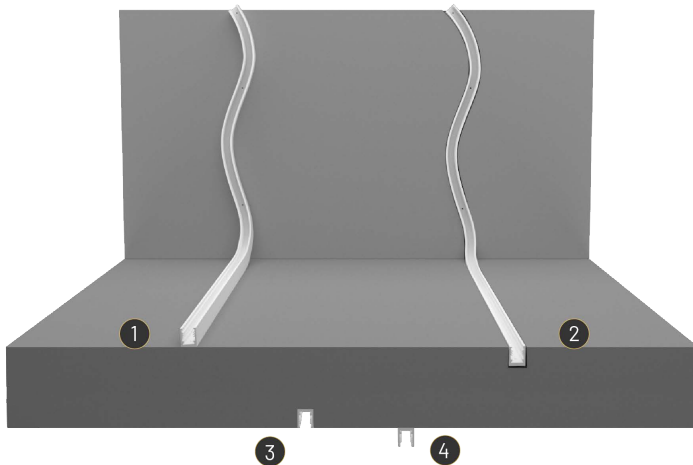
30+

Times
Clamping Force

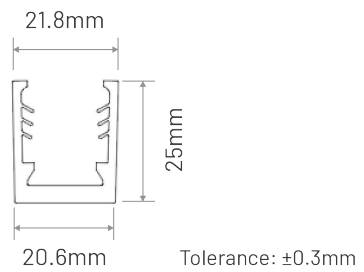
APPEARANCE COLOR



Installation Way



Dimension



Standard Length

55mm, 110mm, 200mm, 500mm, 1000mm

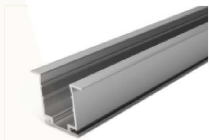
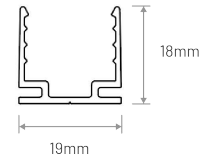
PROFILE

Tolerance: ±0.3mm



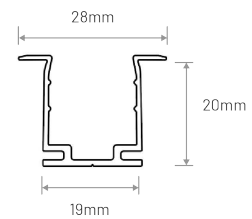
Aluminum Profile

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



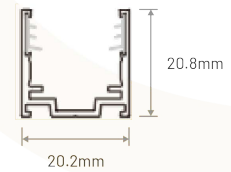
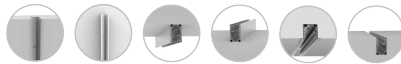
Flange Aluminum Profile

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



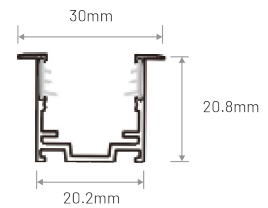
Serrated Aluminum Profile

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



Flange Serrated Aluminum Profile

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



Bendable Serrated Aluminum Profile (HB)

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

