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Arcflex™ 1617 LED Linear Light

ClearTech™ | Adapwire™ | SegPCB™ | ZogLiu™



Protection

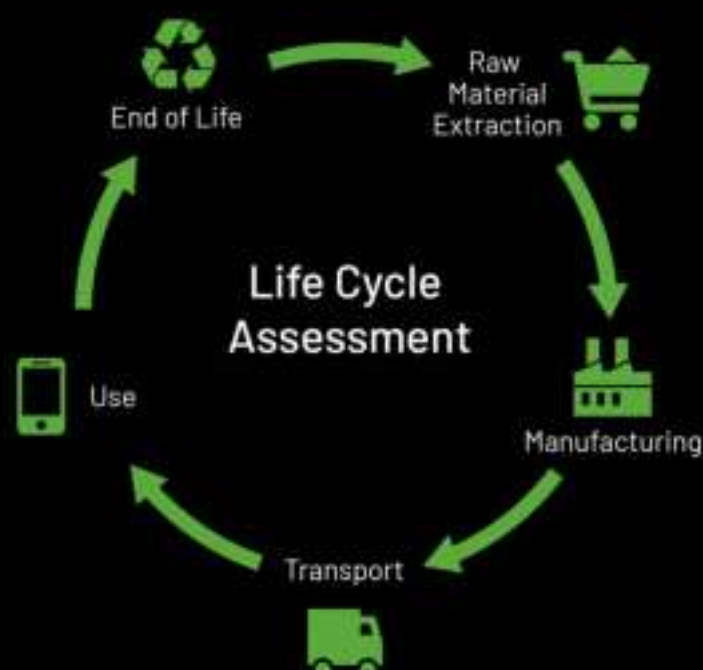


-40°C-60°C



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

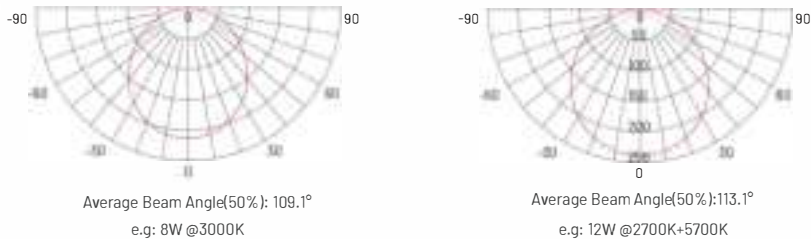
5700K

2700~5700K













Dimension



Parameter



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	>800	>243
Arcflex1617-W24/R90-DC24V-8W-154-45.4-WMD-ErP	 2400K	2400±100K	>800	>243
Arcflex1617-W27/R90-DC24V-8W-154-45.4-WMD-ErP	 2700K	2700±175K	>820	>249
Arcflex1617-W30/R90-DC24V-8W-154-45.4-WMD-ErP	 3000K	3000±140K	>820	>249
Arcflex1617-W35/R90-DC24V-8W-154-45.4-WMD-ErP	 3500K	3500±170K	>820	>249
Arcflex1617-W40/R90-DC24V-8W-154-45.4-WMD-ErP	 4000K	4000±225K	>820	>249
Arcflex1617-W50/R90-DC24V-8W-154-45.4-WMD-ErP	 5000K	5000±300K	>820	>249
Arcflex1617-W57/R90-DC24V-8W-154-45.4-WMD-ErP	 5700K	5700±355K	>810	>246
Arcflex1617-D27-57/R90-DC24V-12W-308-45.4-WMD	 2700-5700K	2725±145K 5665±355K	>300 >310	>81 >96

PRODUCT NOMENCLATURE

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

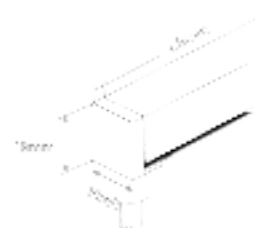
Model Name	Light Color / CRI	Voltage	Power/m	LED Quantity /m	Min.Cutting Length (mm)	Finish	Version
Arcflex -Trademark 1617 ↳Dimension W18*H17	W22/R90 -2200K/R90	DC24V	8W	154	45.5	W - White Body M - Milky Light Surface D - Dark Base Marking	ErP -Energy related Product
	W24/R90 -2400K/R90						
	W27/R90 -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/R90		12W	308			/

CONNECTOR

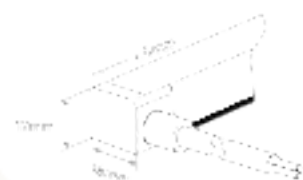
IP68 Silicone Injection-Moulded Connector

Tolerance: $\pm 0.3\text{mm}$ 

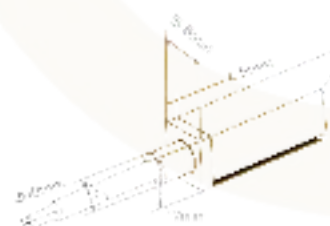
Silicone Injection-Moulded Front Connector (Bottom)



Silicone Injection-Moulded Front Connector (Side)



Silicone Injection-Moulded Front Connector (End)

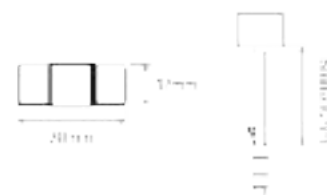


Silicone Injection-Moulded End Cap



Anti-wicking Ferrule

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

Male & Female Connector
(Optional)

PROFILE



Anole[®] Profile

Anole 1617-WW/DD



Anti-Franchise



Screen for Resistant



Collapsible Resistant



UV Resistant

30+

Times
Clampless joint

APPEARANCE COLOR



Standard

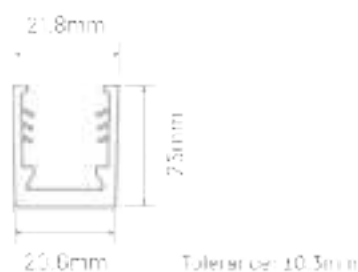
Custom



Installation Way



Dimension



Standard Length

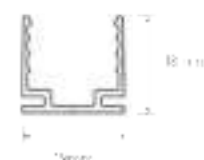
35mm, 110mm, 200mm, 500mm, 1000mm

PROFILE

Tolerance: $\pm 0.3\text{mm}$ 

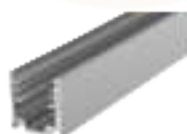
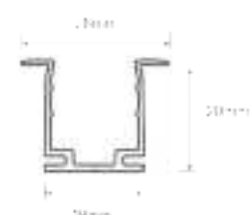
Aluminum Profile

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



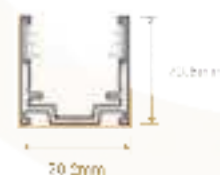
Flange Aluminum Profile

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



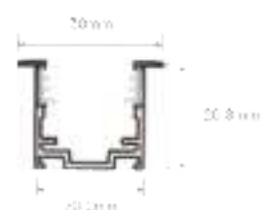
Serrated Aluminum Profile

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



Flange Serrated Aluminum Profile

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



Bendable Serrated Aluminum Profile (HB)

1617-HS/PL
Available Lengths: 500mm, 1000mm
Bending Diameter: $\Phi 300\text{mm}$

