

Strip lights

LEDNeon PRO-Arch



Protection



-40°C-60°C



Anti-UV



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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
- Improved Energy Efficiency with ErP Compliance
- No Threat from PCB Failure
- Packaged Solution with Versatile Free Bend Mounting Profile
- Hassle-free Installation and Worry-free Maintenance



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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

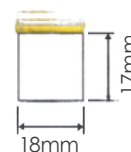
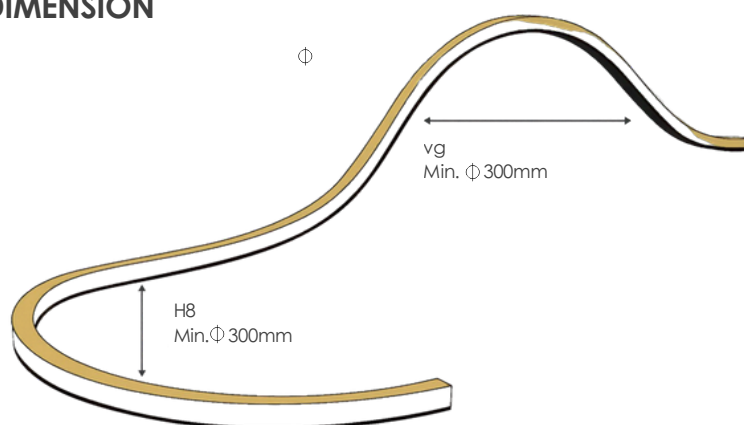


5700K



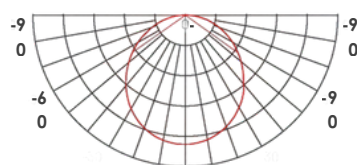
2700-5700K

DIMENSION

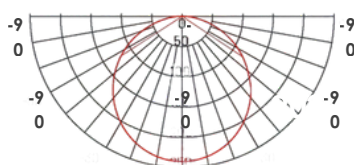


Tolerance: ±0.3mm

PARAMETER



Average Beam Angle(50%): 109.1°
e.g: 8W @3000K



Average Beam Angle(50%): 113.1°
e.g: 12W @2700K+5700K

Article No.	LEDNeon PRO-Arch (Monochrome)	LEDNeon PRO-Arch (Dynamic white)
Working Voltage	DC24V	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	10m/pc (single-end feed)	6m/pc (single-end feed)
Weight/m	330g	330g
Warranty	10 years	7 years



Swierkowa 14 St.
64-320 Niepruszewo
POLAND



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Item Code	Finished Product			
	CCT/Color	Wavelength/ CCT Tolerance	Lumen/m	Lumen/ft
Arcflex1617-R-DC24V-BW-154-45.4-WMD	 Red	820-630nm	>160	>58
Arcflex1617-G-DC24V-BW-154-45.4-WMD	 Green	512-522nm	>540	>185
Arcflex1617-B-DC24V-BW-154-45.4-WMD	 Blue	464-474nm	>110	>34
Arcflex1617-B-DC24V-BW-154-45.4-WMD-ErP	 2200K	2200x82K	>600	>183
Arcflex1617-W224R90-DC24V-BW-154-45.4-WMD-ErP	 2400K	2400x100K	>600	>183
Arcflex1617-W27/R90-DC24V-BW-154-45.4-WMD-ErP	 2700K	2700x115K	>620	>189
Arcflex1617-W30/R90-DC24V-BW-154-45.4-WMD-ErP	 3000K	3000x140K	>620	>189
Arcflex1617-W35/R90-DC24V-8W-154-45.4-WMD-ErP	 3500K	3500x170K	>620	>189
Arcflex1617-W40/R90-DC24V-8W-154-45.4-WMD-ErP	 4000K	4000x225K	>620	>189
Arcflex1617-W30/R90-DC24V-8W-154-45.4-WMD-ErP	 5000K	4000x300K	>620	>189
Arcflex1617-W57/R90-DC24V-8W-154-45.4-WMD-ErP	 5700K	5700x355K	>610	>186
Arcflex1617-027-57/R90-DC24V-12W-308-45.4-WMD	 2700-5700K	569cz355K	>310	>96

PRODUCT NOMENCLATURE

LEDNeon PRO-Arch - W35/R90 -DC24V- 8W - 154 -45.4 - WMD - ErP

Model Name	Light Color / CRI	Voltage	Power/m	LED Quantity /m	Min Cutting Length (mm)	Finish	Version
LEDNeon PRO-Arch =Dimension W16*HT7	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	DC24V	8W	154	45,4	W= White Body M= Milky Light Surface D= Dark Base Marking	ErP=Energy - related Product
	R-Red G-Green B-Blue D27-57/R90 =2700-5700K/90		12W	308			

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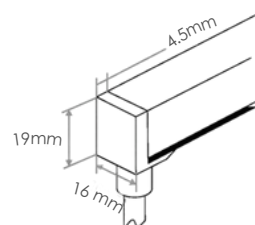
CONNECTOR

IP68 Silicone Injection-Moulded Connector

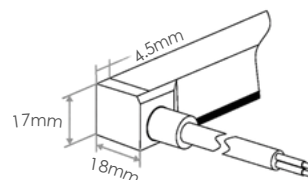
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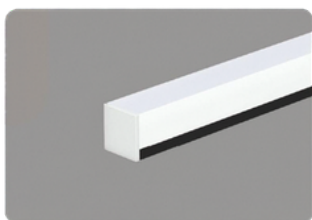
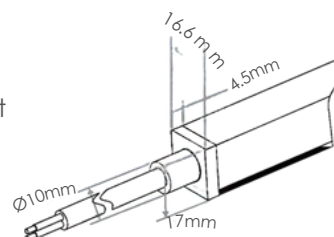
Silicone Injection-Moulded Front Connector (Bottom)



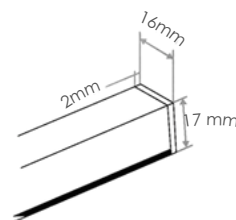
Silicone Injection-Moulded Front Connector (Side)



Silicone Injection-Moulded Front Connector (End)

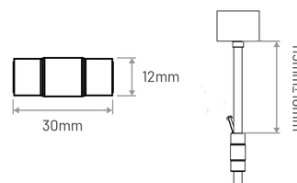


Silicone Injection-Moulded End Cap



Anti-wicking Ferrule

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



Male & Female Connector

Optional



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PROFILE



Kids
Friendly



Solvents
Resistant



Solvent
Resistant



UV
Resistant

30+

Time
Clamping Force

APPEARANCE COLOR



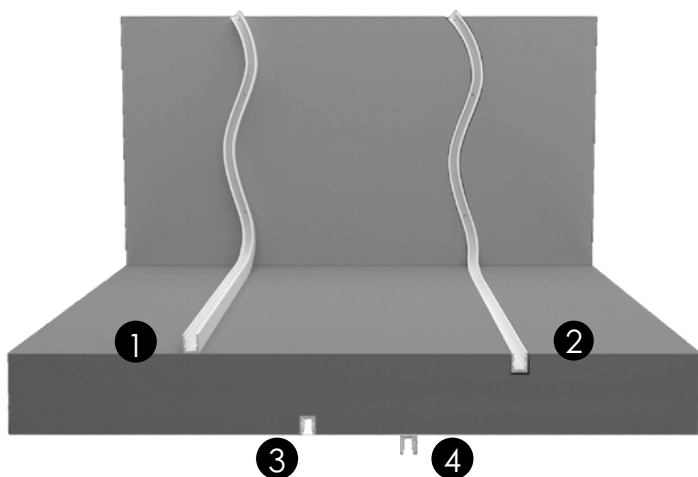
Standard



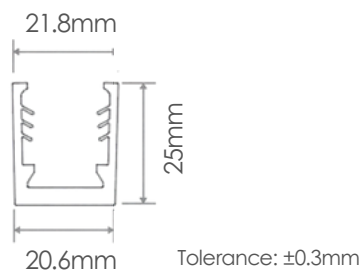
Custom



INSTALLATION WAY



DIMENSION



STANDARD LENGTH

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

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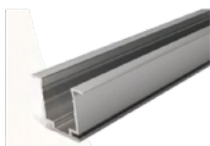
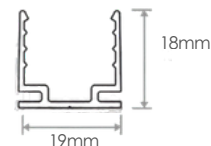
PROFILE

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



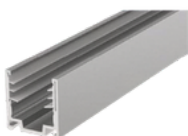
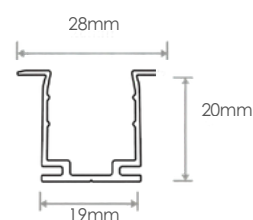
Aluminum Profile

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



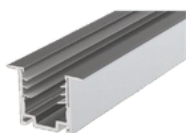
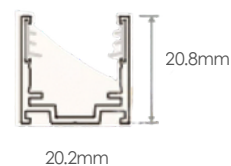
Flange Aluminum Profile

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



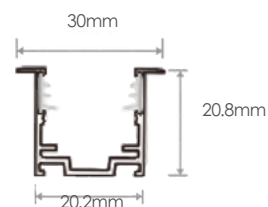
Serrated Aluminum Profile

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



Flange Serrated Aluminum Profile

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



Bendable Serrated Aluminum Profile (HB)

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

