

DiGi Neonflex Top Bend

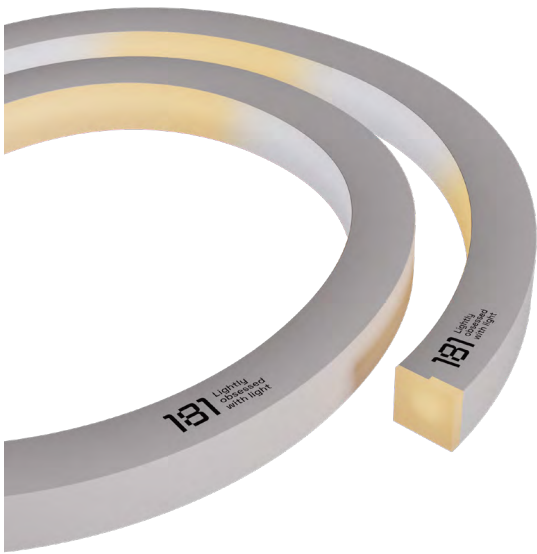
Tunable White 24V

181

The DiGi Neonflex Top Bend Tunable White 24V is a flexible linear lighting solution for clean, continuous lines of dynamic tunable white lighting in architectural applications. With top-bend flexibility, it smoothly navigates tight curves, circular forms, and contours.

Ideal for curved facades, circular features, and artistic installations requiring lateral bending. The DiGi Neonflex Top Bend Tunable White is perfect for a dynamic lighting scheme with high-quality light and tunable tones of white lighting.

- Application-Driven Format – Multiple shapes and sizes enable seamless integration into both compact and large-scale architectural elements.
- Precise White Effects – From subtle fades to sweeping movement, pixel-controlled white lighting brings dynamic expression to static tones.



CE

RoHS

UL

IP68

IK08

Specifications

General		
Power Consumption (W/m)	14	
Input Voltage (V DC)	24	
LEDs (/m)	70	
LED Pitch (mm)	14,29	
Pixels (/m)	10	
Channels (/m)	30	
Color Range	Tunable White	
Beam Angle (°)	1616	120
	1717	120
	3027	270
	2219	120
CRI	≥80, ≥90	
Control	SPI, DMX	

Installation Conditions & Lighting Data		
Segment Length (mm)	100	
Bending Radius (mm)	1616	120
	1717	120
	3027	400
	2219	400
Maximum Run Length (m)	8	
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C	
	50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	-40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years

Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1616	0,45
	1717	0,45
	3027	0,60
	2219	0,60
Dimensions WxH (mm)	1616	16,5 x 16,5
	1717	16,5 x 16,5
	3027	30 x 28
	2219	22 x 19

Options

Color/CCT
☐ 2200K-5700K
☐ 2700K-5700K
☐ 3000K-5700K

Control
☐ SPI
☐ DMX

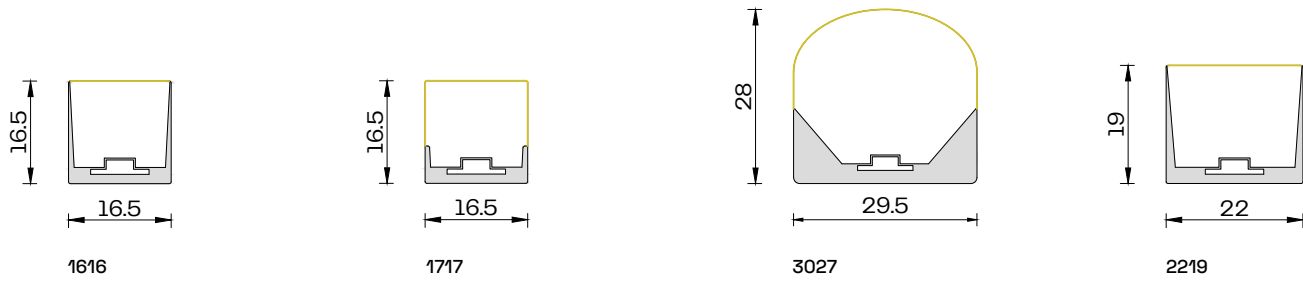
Lighting Specifications

DiGi Neonflex Top Bend

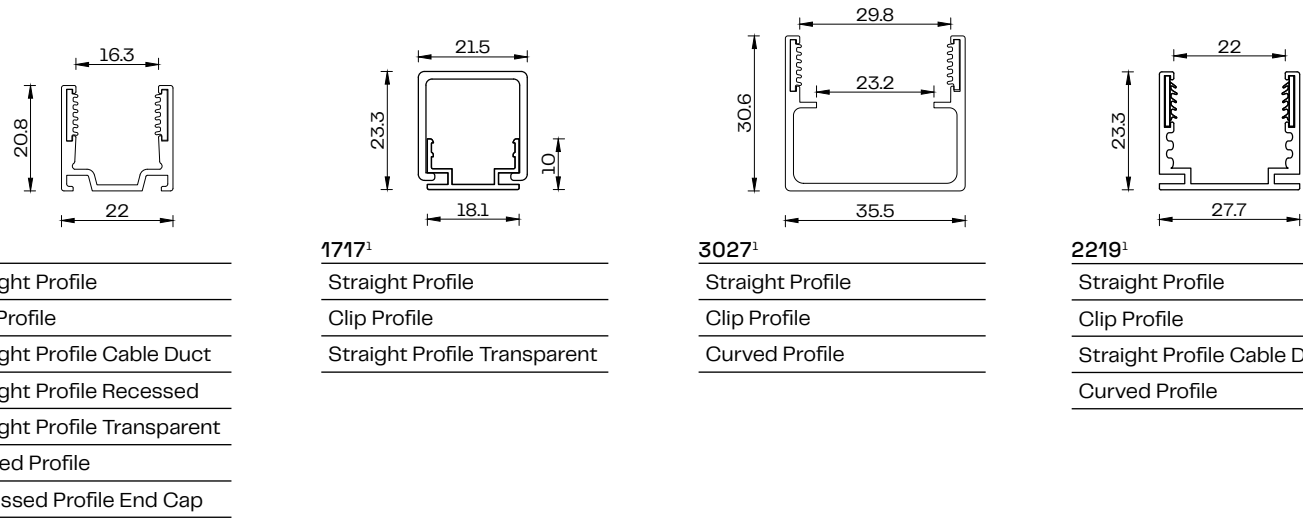
	Full White (lm/m)	Warm White (lm/m)	Cold White (lm/m)
1616 Tunable White 2200-5700K SPI			
1616 Tunable White 2700-5700K SPI			
1616 Tunable White 3000-5700K SPI			
1616 Tunable White 2200-5700K DMX			
1616 Tunable White 2700-5700K DMX			
1616 Tunable White 3000-5700K DMX			
1717 Tunable White 2200-5700K SPI			
1717 Tunable White 2700-5700K SPI			
1717 Tunable White 3000-5700K SPI			
1717 Tunable White 2200-5700K DMX			
1717 Tunable White 2700-5700K DMX			
1717 Tunable White 3000-5700K DMX			
3027 Tunable White 2200-5700K SPI			
3027 Tunable White 2700-5700K SPI			
3027 Tunable White 3000-5700K SPI			
3027 Tunable White 2200-5700K DMX			
3027 Tunable White 2700-5700K DMX			
3027 Tunable White 3000-5700K DMX			
2219 Tunable White 2200-5700K SPI			
2219 Tunable White 2700-5700K SPI			
2219 Tunable White 3000-5700K SPI			
2219 Tunable White 2200-5700K DMX			
2219 Tunable White 2700-5700K DMX			
2219 Tunable White 3000-5700K DMX			

Photometric Distribution

Dimensions

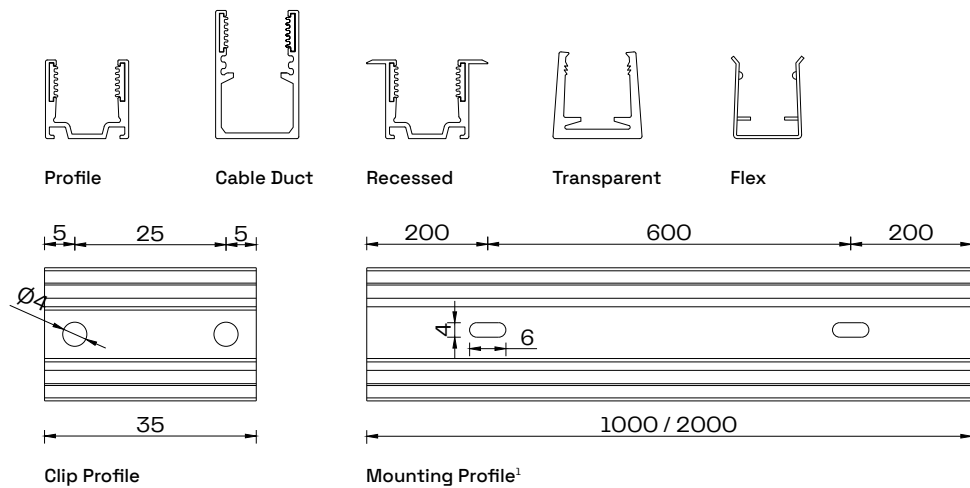


Accessory Options



¹Straight Profile is shown. The dimensions shown are not to scale. Please refer to the Dimension Sheet document for additional dimensions.

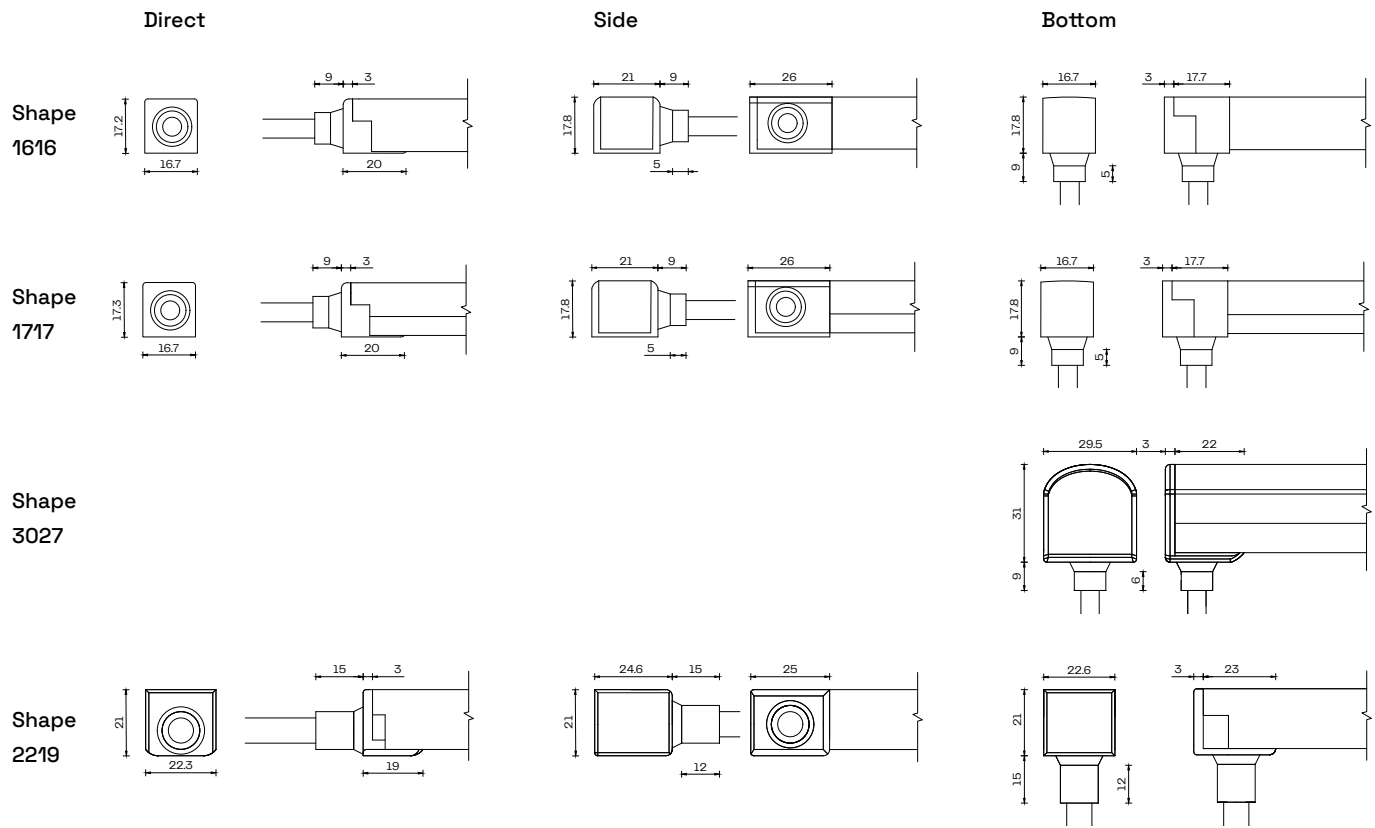
Profile Specifications



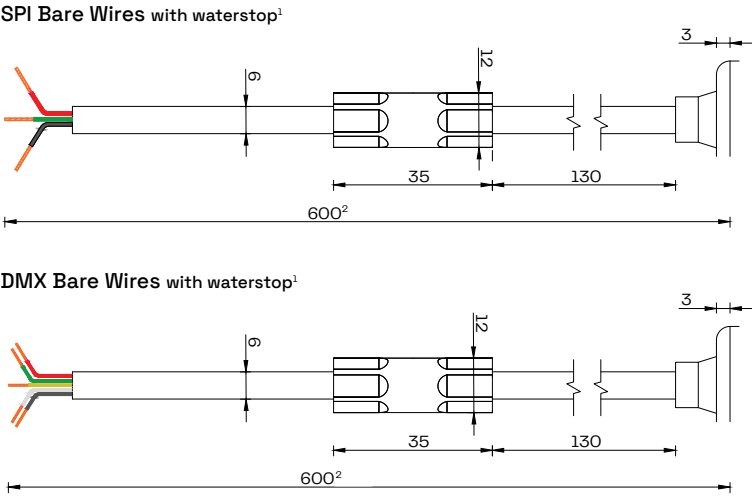
Physical	
Profile Material	Aluminum Alloy 6063
Transparent Profile Material	Polycarbonate
Aluminum Profile finish	Blank Anodized

¹1000mm profile is standard. 2000mm is available to order.

Cable Entry Options

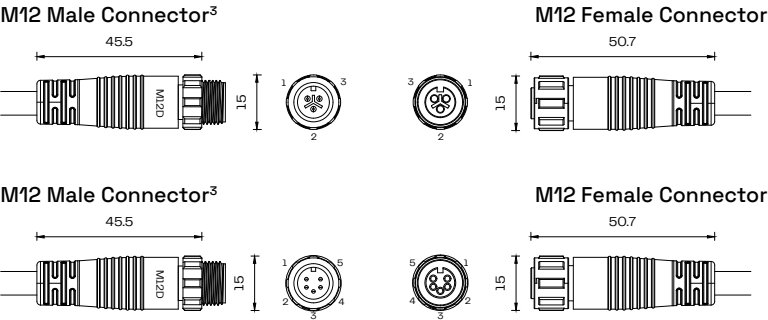


Connection Options



Wire Color	
Red	24 V+
Green	Data
Black	GND

Wire Color	
Red	24 V+
Green	Data +
Yellow	Data -
White	Program
Black	GND



Connector Pin		
Pin 1	Red	24 V+
Pin 2	Green	Data
Pin 3	Black	GND

Connector Pin		
Pin 1	Red	24 V+
Pin 2	Green	Data +
Pin 3	White	Program
Pin 4	Yellow	Data -
Pin 5	Black	GND

¹Removing the waterstop will void the warranty.
²600 mm cable length is standard. Custom length is available on request.
³When opting for M12 connector the cable including connector is 300 mm.

Product References

DiGi Neonflex

Reference	Description
3171879	DiGi Neonflex Top Bend 1616 Tunable White 2200–5700K SPI
3171880	DiGi Neonflex Top Bend 1616 Tunable White 2700–5700K SPI
3171881	DiGi Neonflex Top Bend 1616 Tunable White 3000–5700K SPI
3171876	DiGi Neonflex Top Bend 1616 Tunable White 2200–5700K DMX
3171877	DiGi Neonflex Top Bend 1616 Tunable White 2700–5700K DMX
3171878	DiGi Neonflex Top Bend 1616 Tunable White 3000–5700K DMX
3171885	DiGi Neonflex Top Bend 1717 Tunable White 2200–5700K SPI
3171886	DiGi Neonflex Top Bend 1717 Tunable White 2700–5700K SPI
3171887	DiGi Neonflex Top Bend 1717 Tunable White 3000–5700K SPI
3171882	DiGi Neonflex Top Bend 1717 Tunable White 2200–5700K DMX
3171883	DiGi Neonflex Top Bend 1717 Tunable White 2700–5700K DMX
3171884	DiGi Neonflex Top Bend 1717 Tunable White 3000–5700K DMX
3171891	DiGi Neonflex Top Bend 3027 Tunable White 2200–5700K SPI
3171892	DiGi Neonflex Top Bend 3027 Tunable White 2700–5700K SPI
3171893	DiGi Neonflex Top Bend 3027 Tunable White 3000–5700K SPI
3171888	DiGi Neonflex Top Bend 3027 Tunable White 2200–5700K DMX
3171889	DiGi Neonflex Top Bend 3027 Tunable White 2700–5700K DMX
3171890	DiGi Neonflex Top Bend 3027 Tunable White 3000–5700K DMX
3171897	DiGi Neonflex Top Bend 2219 Tunable White 2200–5700K SPI
3171898	DiGi Neonflex Top Bend 2219 Tunable White 2700–5700K SPI
3171899	DiGi Neonflex Top Bend 2219 Tunable White 3000–5700K SPI
3171894	DiGi Neonflex Top Bend 2219 Tunable White 2200–5700K DMX
3171895	DiGi Neonflex Top Bend 2219 Tunable White 2700–5700K DMX
3171896	DiGi Neonflex Top Bend 2219 Tunable White 3000–5700K DMX

Accessories

Straight Profiles

Reference	Description
3167904	Neonflex 1616 Straight Profile 1000
3167926	Neonflex 1616 Straight Profile 2000
3167934	Neonflex 1616 Clip Profile
3167967	Neonflex 1616 Straight Profile Cable Duct 1000
3167968	Neonflex 1616 Straight Profile Cable Duct 2000
3167909	Neonflex 1616 Straight Profile Recessed 1000
3167913	Neonflex 1616 Straight Profile Recessed 2000
3167960	Neonflex 1616 Recessed Profile End Cap 2pcs
3167969	Neonflex 1616/1717 Straight Profile Transparent
3167907	Neonflex 1717 Straight Profile 1000
3167927	Neonflex 1717 Straight Profile 2000
3167935	Neonflex 1717 Clip Profile
3167908	Neonflex 3027 Straight Profile 1000
3167930	Neonflex 3027 Straight Profile 2000
3167937	Neonflex 3027 Clip Profile
3167975	Neonflex 2219 Straight Profile 1000
3167976	Neonflex 2219 Straight Profile 2000
3167977	Neonflex 2219 Clip Profile
3167978	Neonflex 2219 Straight Profile Cable Duct 1000
3167979	Neonflex 2219 Straight Profile Cable Duct 2000

Curved Profiles

Reference	Description
3167918	Neonflex Top Bend 1616 Curved Profile 1000
3167942	Neonflex Top Bend 1616 Curved Profile 2000
3167922	Neonflex Top Bend 3027 Curved Profile 1000
3167943	Neonflex Top Bend 3027 Curved Profile 2000
3167953	Neonflex Top Bend 2219 Curved Profile 1000
3167954	Neonflex Top Bend 2219 Curved Profile 2000