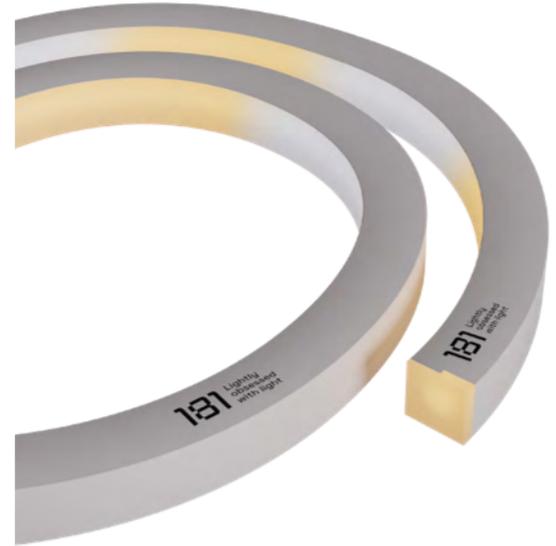


The DiGi Neonflex Top Bend Tunable White 24V is a flexible linear lighting solution for clean, continuous lines of dynamic tunable white lighting in architectural applications. With top-bend flexibility, it smoothly navigates tight curves, circular forms, and contours.

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.



## Specifications

General		
Power Consumption (W/m)	14	
Input Voltage (V DC)	24	
LEDs (/m)	70	
LED Pitch (mm)	14,29	
LEDs (/segment)	7	
Pixels (/m)	10	
Channels (/m)	30	
Beam Angle (°)	1616, 2219	120
	1717	210
	3027	270
LED Type	2in1	
Color Range	Tunable White	
CRI	≥80, ≥90	
Control <sup>1</sup>	DMX / SPI	

<sup>1</sup> Compatible SPI protocol can be found on the fixture.

Installation Conditions & Lighting Data		
Segment Length (mm)	100	
Bending Radius (mm)	1616, 1717	120
	3027, 2219	400
Maximum Run Length Power <sup>2</sup> (m)	Single Feed	8
	Double Feed	16
Maximum Run Length DMX <sup>2</sup> (m)	@30fps	68
	@45fps	45
Maximum Run Length SPI <sup>2</sup> (m)	@30fps	44
	@50fps	26
Maximum Leader Cable Length <sup>2</sup> (m)	Up to 20	
Lumen Maintenance Calculated	L70 @ 25°C 70,000	
Hours (h)	L70 @ 50°C 50,000	

<sup>2</sup> More details can be found in the Installation Guide document.

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	CE, RoHS, UL, UKCA, CB, FCC
Limited Warranty	5 Years

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

## Options

Color/CCT
<input type="checkbox"/> 2200-5700K
<input type="checkbox"/> 2700-5700K
<input type="checkbox"/> 3000-5700K

Control
<input type="checkbox"/> SPI
<input type="checkbox"/> DMX

# Lighting Specifications

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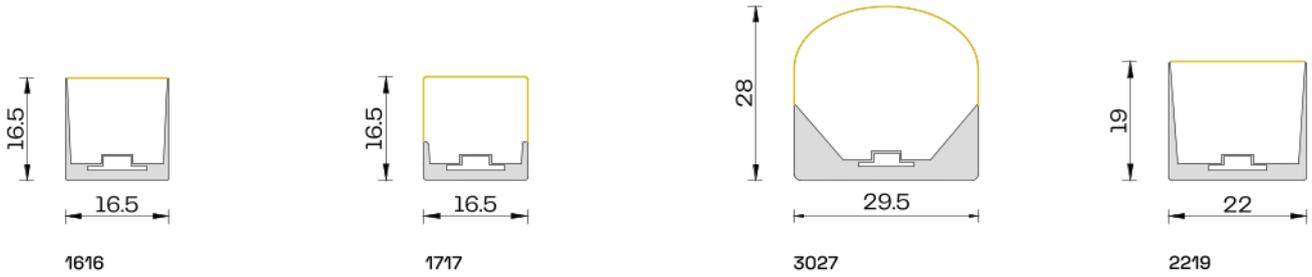
## DiGi Neonflex Top Bend

	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			

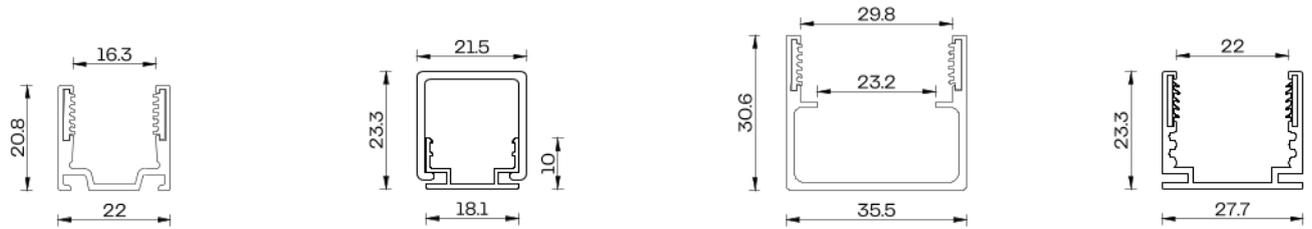
## Photometric Distribution

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# Dimensions



# Accessory Options



- 1616<sup>1</sup>**
- \_\_\_\_ Straight Profile
  - \_\_\_\_ Clip Profile<sup>2</sup>
  - \_\_\_\_ Straight Profile Cable Duct
  - \_\_\_\_ Straight Profile Recessed
  - \_\_\_\_ Straight Profile Transparent
  - \_\_\_\_ Curved Profile
  - \_\_\_\_ Recessed Profile End Cap

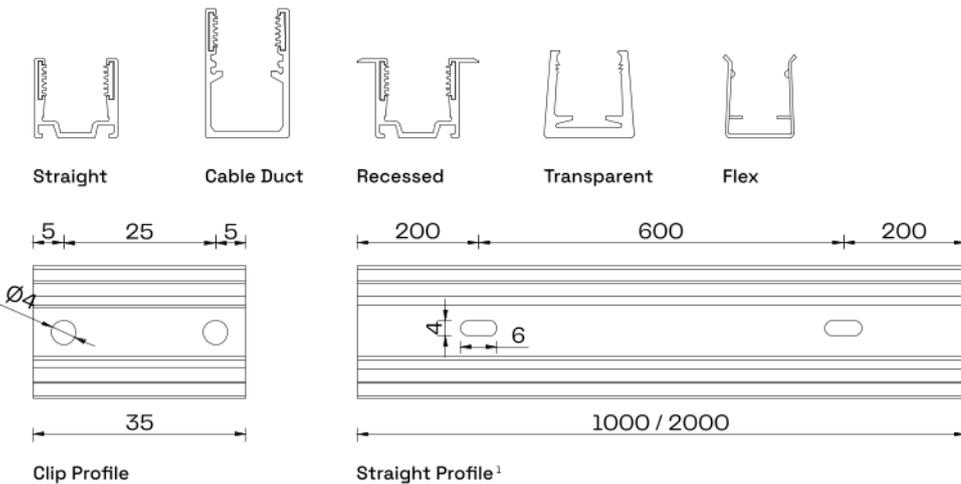
- 1717<sup>1</sup>**
- \_\_\_\_ Straight Profile
  - \_\_\_\_ Clip Profile<sup>2</sup>
  - \_\_\_\_ Straight Profile Transparent

- 3027<sup>1</sup>**
- \_\_\_\_ Straight Profile
  - \_\_\_\_ Clip Profile<sup>2</sup>
  - \_\_\_\_ Curved Profile

- 2219<sup>1</sup>**
- \_\_\_\_ Straight Profile
  - \_\_\_\_ Clip Profile<sup>2</sup>
  - \_\_\_\_ Straight Profile Cable Duct
  - \_\_\_\_ Curved Profile

<sup>1</sup> Straight Profile is shown. The dimensions shown are not to scale. Please refer to the Dimensions Sheet document for additional dimensions.  
<sup>2</sup> Straight installation has only 4 pieces per meter, while curved installation has 8 pieces per meter.

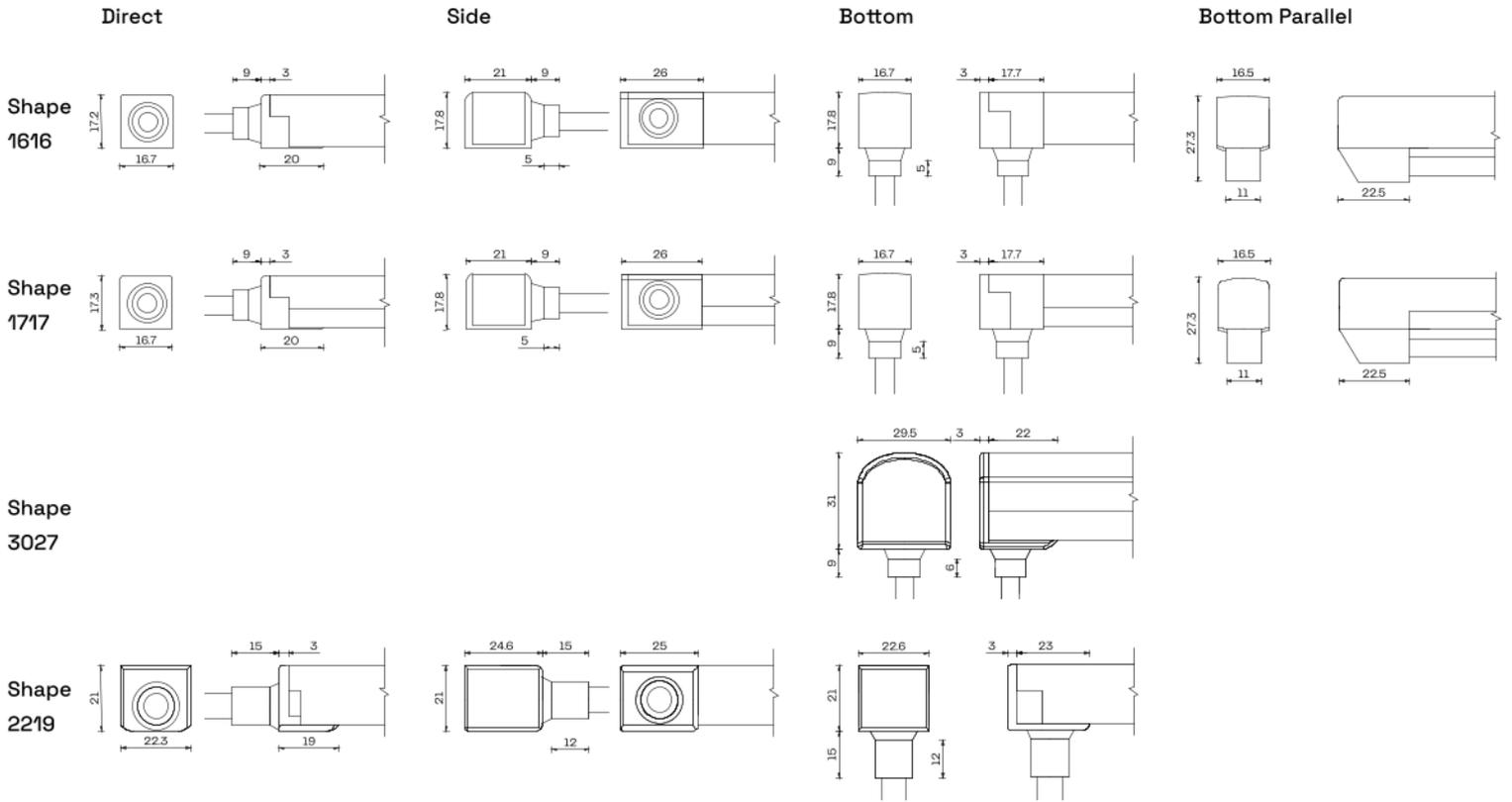
# Profile Specifications



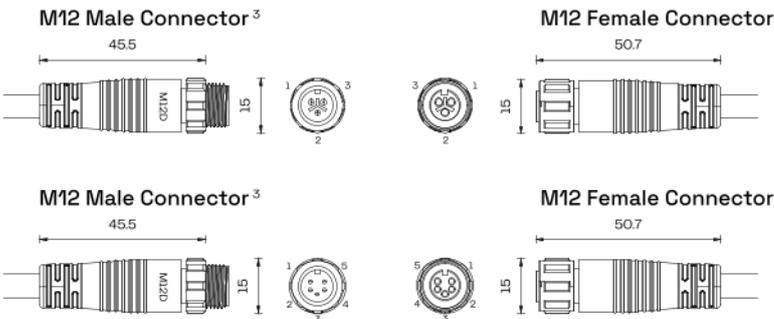
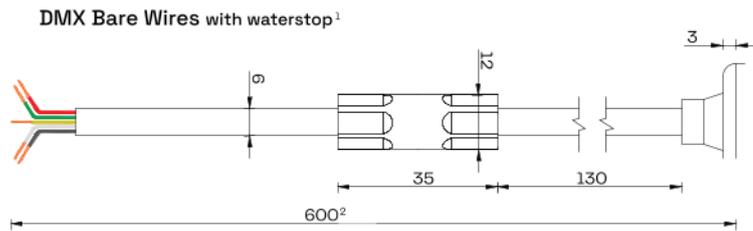
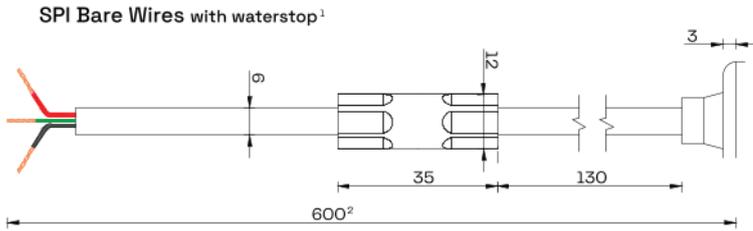
Physical	
Profile Material	Aluminum Alloy 6063
Transparent Profile Material	Polycarbonate
Aluminum Profile Finish	Blank Anodized

<sup>1</sup> 1000mm 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

<sup>1</sup> Removing the waterstop will void the warranty.  
<sup>2</sup> 600mm cable length is standard. Custom length is available on request.  
<sup>3</sup> When opting for M12 connector the cable including connector is 300mm.

# Product References

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## 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