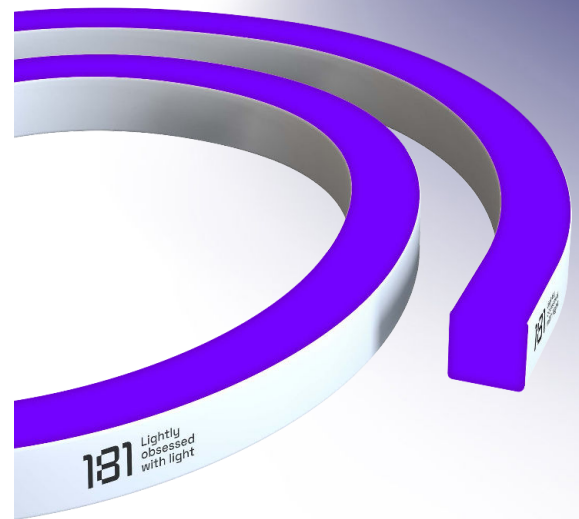


## Neonflex Side Bend RGBW

This 24V Neonflex Side Bend RGBW is available with 4 different color temperatures. We recommend controlling these PWM products with LTECH controllers. This LEDstrip is controllable by PWM. Housing material is Silicon. On request custom lengths can be produced. Standard it will be delivered with bare wire cable, it is possible to order with M12 connector as well.

### Key specifications

Voltage (V)	24V DC
Power Consumption (w/m) Shape 1121/1128	17W
Power Consumption (w/m) Shape 1616	15W
Luminous Flux (lm/m)	349Lm (Shape 1616)
Color Range	Multi Color
LB Value	L80B10 50.000H
UV Constant	Yes
Control	PWM
Fixture Length (mm)	Customizable every 100mm
Warranty	5 years



RoHS

IP68

IK08

### Ordering information

Shape	Color Temp.	Cable entry	Feed	Cable option	Cable Length in CM	Neonflex Length in CM	Qty
<input type="checkbox"/> 1616	<input type="checkbox"/> RGBW1800K	<input type="checkbox"/> Direct	<input type="checkbox"/> Single	<input type="checkbox"/> Bare wire	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> 1128	<input type="checkbox"/> RGBW2700K	<input type="checkbox"/> Side	<input type="checkbox"/> Double	<input type="checkbox"/> M12 connector	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> 1121	<input type="checkbox"/> RGBW3000K	<input type="checkbox"/> Bottom			<input type="text"/>	<input type="text"/>	<input type="text"/>
	<input type="checkbox"/> RGBW4000K				<input type="text"/>	<input type="text"/>	<input type="text"/>

### Related Items



#### Input cable, Bare wire to Female

<input type="checkbox"/>	<input type="checkbox"/>	M12 5pin Input cable 1m	3430115
<input type="checkbox"/>	<input type="checkbox"/>	M12 5pin Input cable 2m	3430125
<input type="checkbox"/>	<input type="checkbox"/>	M12 5pin Input cable 3m	3430135

#### Power cable

<input type="checkbox"/>	<input type="checkbox"/>	M12 5Pin Power cable Double feed 1.5m	3430415
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#### Extension cable, Male to Female

<input type="checkbox"/>	<input type="checkbox"/>	M12 5pin Extension cable 1m	3430215
<input type="checkbox"/>	<input type="checkbox"/>	M12 5pin Extension cable 2m	3430225
<input type="checkbox"/>	<input type="checkbox"/>	M12 5pin Extension cable 3m	3430235

#### End cap

<input type="checkbox"/>	<input type="checkbox"/>	M12 5Pin End cap	3430012
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LTECH

#### LTECH O-10V

<input type="checkbox"/>	<input type="checkbox"/>	LED Driver 0-10V/Push 4x5A	2262900
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#### LTECH Dali

<input type="checkbox"/>	<input type="checkbox"/>	LED Driver DALI/DMX RGBW 150W 24V	2262900
<input type="checkbox"/>	<input type="checkbox"/>	LED Driver DALI 4x5A	2264900

#### LTECH DMX

<input type="checkbox"/>	<input type="checkbox"/>	LED Decoder DMX Digital 4x5A	2271600
<input type="checkbox"/>	<input type="checkbox"/>	LED Decoder DMX DIN 4x4A	2272300
<input type="checkbox"/>	<input type="checkbox"/>	LED Decoder DMX OLED 5x5A	2279000
<input type="checkbox"/>	<input type="checkbox"/>	LED Decoder DMX OLED 16x3A	2278900



#### Meanwell Power supply

<input type="checkbox"/>	<input type="checkbox"/>	XLG-75-24	8343100
<input type="checkbox"/>	<input type="checkbox"/>	XLG-100-24	8343300
<input type="checkbox"/>	<input type="checkbox"/>	HLG-150-24	8440700
<input type="checkbox"/>	<input type="checkbox"/>	HLG-240-24	8441600
<input type="checkbox"/>	<input type="checkbox"/>	HLG-320-24	8442500



#### Mounting

<input type="checkbox"/>	<input type="checkbox"/>	Profile Straight
<input type="checkbox"/>	<input type="checkbox"/>	Profile Curve
<input type="checkbox"/>	<input type="checkbox"/>	Mounting clip

## General specifications

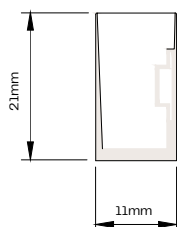
Operating Voltage	24 V DC
Color range	Multi color
CRI	≥80
Power Consumption p/m Shape 1121/1128	17 W/m
Power Consumption p/m Shape 1616	15 W/m
LEDs per Fixture /m Shape 1121/1128	60
LEDs per Fixture /m Shape 1616	84
Luminous Flux p/m	349Lm (Shape 1616)
Max Run Single power feed	5 mtr.
Max Run Double power feed	10 mtr.
LB Value	L80B10 50.000H
Storage Temperature	-40° C to 60° C
Operating Temperature	-25° C to 55° C
Connector type	M12 5 Pin Connector
Ingress Protection	IP68
Impact protection	IK08
Mounting Options	Profile or mounting clips
Certifications	UL, UKCA, CE, RoHS
Available Housing Colors	White
Weight	500gr
Warranty	5 Years

Shape	Red	Green	Blue	3000K
1616	32Lm	134Lm	21Lm	172Lm
1121	24Lm	77Lm	13Lm	107Lm
1128	29Lm	99Lm	19Lm	134Lm

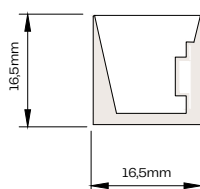
Shape	Red	Green	Blue
1616	620NM	520NM	465NM
1121	620NM	520NM	465NM
1128	620NM	520NM	465NM

## Dimensions

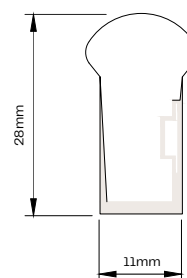
Shape 1121



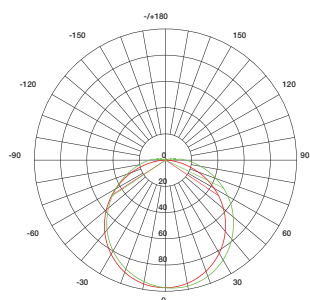
Shape 1616



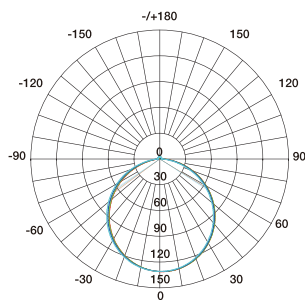
Shape 1128



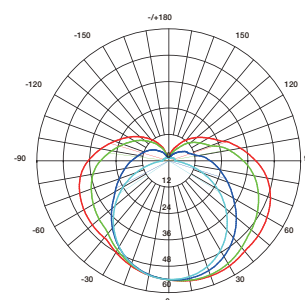
## Light distribution



Average beam angle:113 Deg



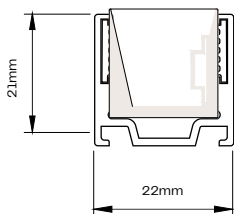
Average beam angle:112.6 Deg



Average beam angle:165.5 Deg

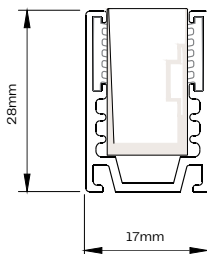
## Mounting options

Mounting option for  
shape 1616



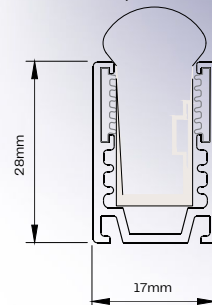
Model	Length	Holes for fixation
Profile Straight	1000mm	2
Profile Curve	1000mm	2
Mounting clip	35mm	2

Mounting option for  
shape 1121



Model	Length	Holes for fixation
Profile Straight	1000mm	2
Profile Curve	1000mm	2
Mounting clip	35mm	2

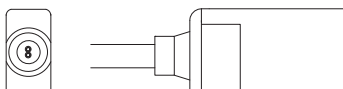
Mounting option for  
shape 1128



Model	Length	Holes for fixation
Profile Straight	1000mm	2
Profile Curve	1000mm	2
Mounting clip	35mm	2

## Cable entry options

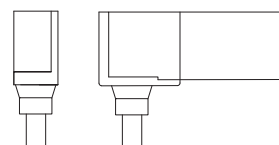
Direct



Side

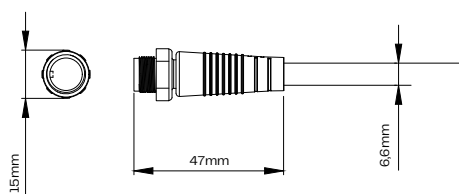


Bottom

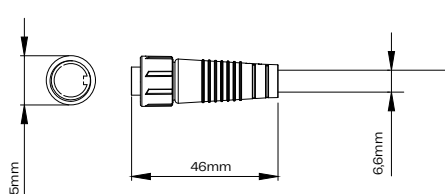


## Dimensions M12 5Pin connectors & End cap

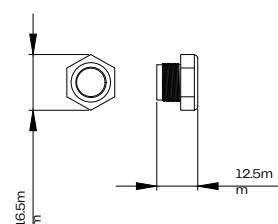
M12 5Pin Male connector



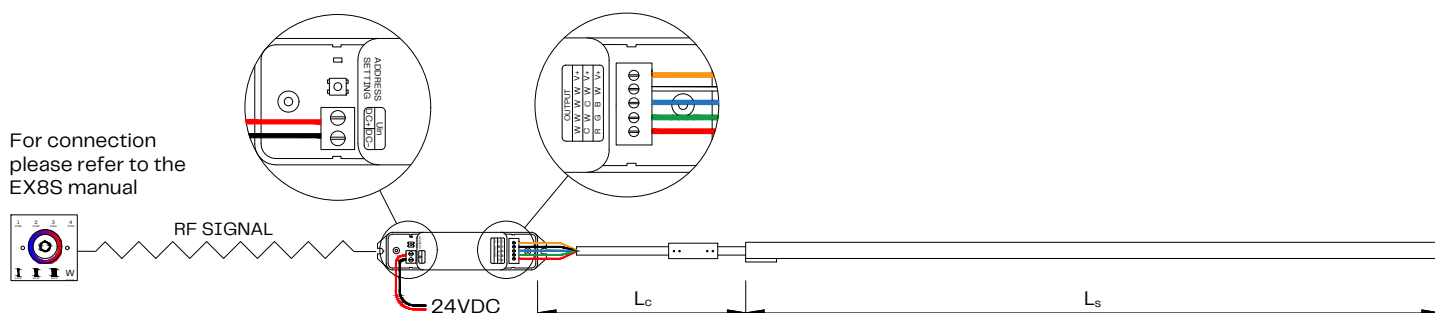
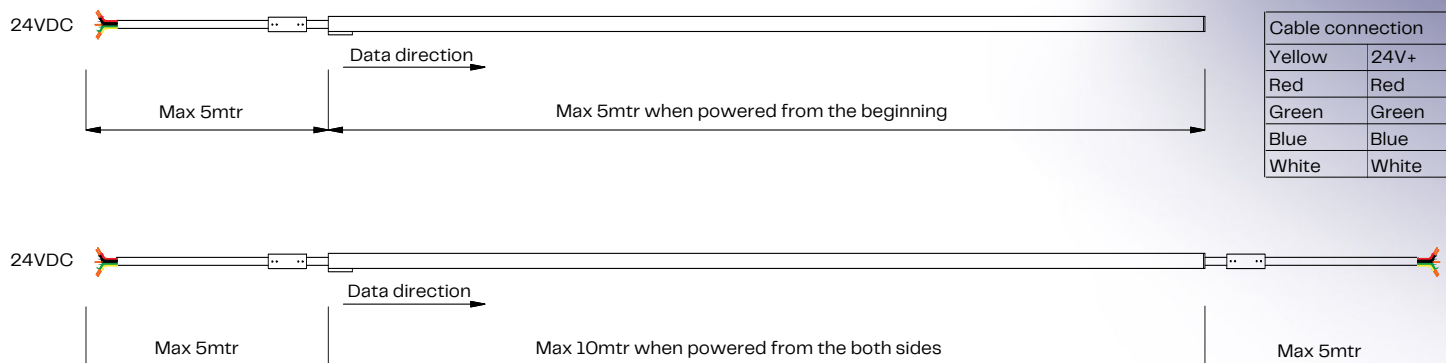
M12 5Pin Female connector



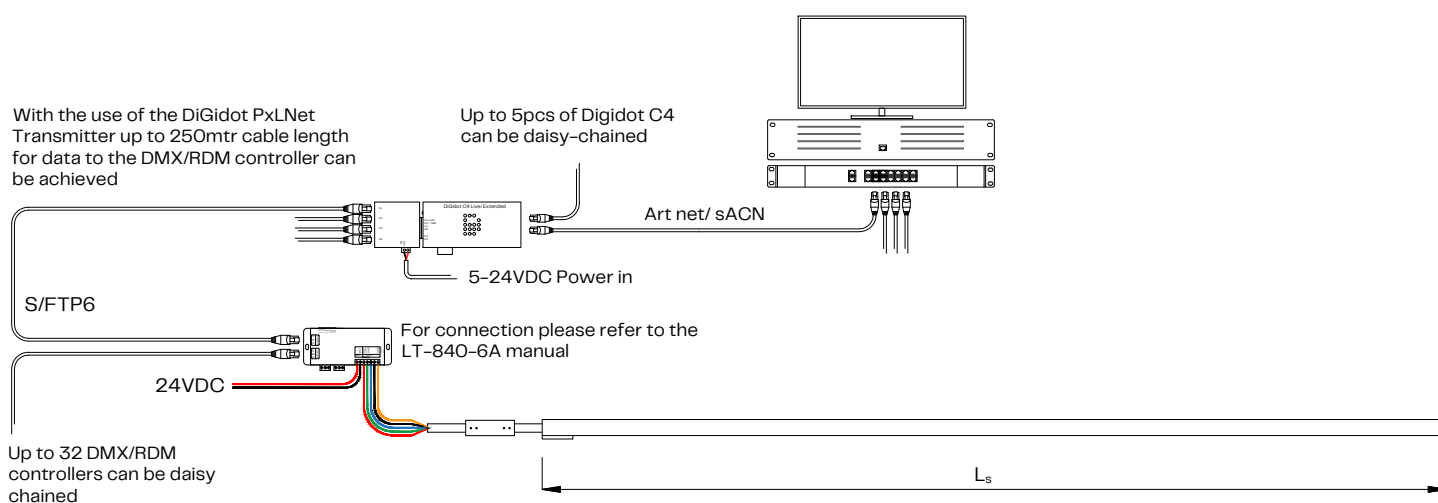
M12 5Pin End cap



## System diagram basic



## System diagram advanced



## Installation guide

### Important note:

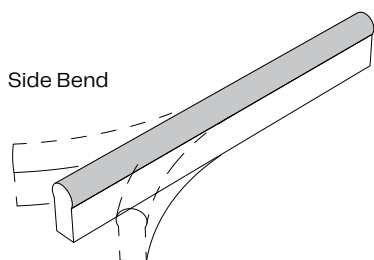
- Make sure power is disconnected during installation or maintenance.
- Keep cables and the Neonflex protected from sharp objects to prevent damage
- Align polarity when connecting the Neonflex.
- Do not bend or twist the Neonflex otherwise as specified below
- Neonflex is a made-to-order product with the finish of the product specifically moulded to provide optimal weatherproof performance.
- Specifications including lengths of the Neonflex, cable lengths, connector style and type are necessary before placing an order.
- Female or male connector with cable and bare wire cables can be ordered separately in various lengths.
- It is recommended to ensure the feeder cable is long enough to reach the cable entry point of flex where connection can be made.
- Do not cut the Neonflex and the waterproof connectors. DIY cutting of this product will void the warranty.

### Tips:

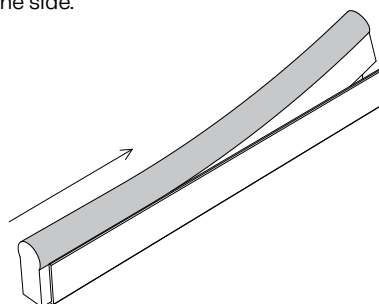
- Before powering the system, check if all polarities are aligned.
- It's recommended to install longer lengths with two persons.

### Bending direction Neonflex.

#### Side Bend

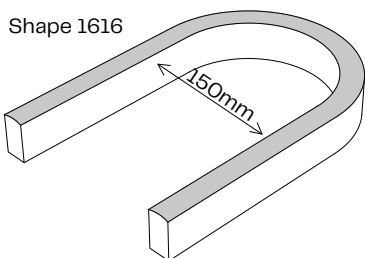


When using mounting profiles make sure the neonflex is pushed in from one side.

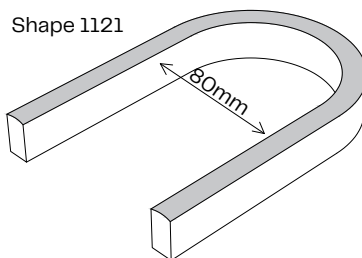


### Minimum bending diameter of the Neonflex.

#### Shape 1616



#### Shape 1121



#### Shape 1128

