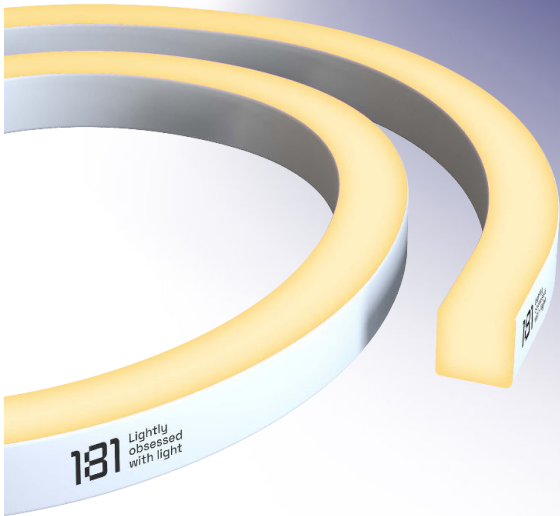


Neonflex Side Bend

Tailored to fit your unique needs, our Neonflex Side Bend can be produced in custom lengths upon request. Whether you require a specific length for a residential project or a large-scale commercial installation, we've got you covered! Crafted with high-quality silicon housing material, our Neonflex Side Bend ensures durability and longevity. Rest assured, your lighting investment is protected against wear and tear, delivering lasting brilliance for years to come.

Key specifications

Voltage (V)	24V DC
Power Consumption (w/m) Shape 0816/1010/1616	10W
Power Consumption (w/m) Shape 1121/1128	12W
Luminous Flux (lm/m)	500Lm (shape 1010)
Color Range	Single color
LB Value	L80B10 50.000H
SDCM	<3
UV Constant	Yes
Control	PWM, On/Off
Fixture Length (mm)	Customizable every 100mm



Ordering information

Shape	Color Temp.	Cable entry	Feed	Cable option	Cable Length in CM	Neonflex Length in CM	Qty
<input type="checkbox"/> 0816	<input type="checkbox"/> 2200K	<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"/> 1010	<input type="checkbox"/> 2700K	<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"/> 3000K	<input type="checkbox"/> Bottom			<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> 1616	<input type="checkbox"/> 4000K				<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> 1128	<input type="checkbox"/> 5000K				<input type="text"/>	<input type="text"/>	<input type="text"/>

Related Items



Input cable, Bare wire to Female

<input type="checkbox"/>	<input type="checkbox"/>	M12 3pin Input cable 1m	3430113
<input type="checkbox"/>	<input type="checkbox"/>	M12 3pin Input cable 2m	3430123
<input type="checkbox"/>	<input type="checkbox"/>	M12 3pin Input cable 3m	3430133

Power cable

<input type="checkbox"/>	<input type="checkbox"/>	M12 3Pin Power cable Double feed 1.5m	3430414
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Extension cable, Male to Female

<input type="checkbox"/>	<input type="checkbox"/>	M12 3pin Extension cable 1m	3430213
<input type="checkbox"/>	<input type="checkbox"/>	M12 3pin Extension cable 2m	3430223
<input type="checkbox"/>	<input type="checkbox"/>	M12 3pin Extension cable 3m	3430233

End cap

<input type="checkbox"/>	<input type="checkbox"/>	M12 3Pin End cap	3430012
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LTECH

LTECH 0-10V

<input type="checkbox"/>	<input type="checkbox"/>	LED Driver 0-10V 36W 24V	2814200
<input type="checkbox"/>	<input type="checkbox"/>	LED Driver 0-10V 75W 24V	2831900
<input type="checkbox"/>	<input type="checkbox"/>	LED Driver 0-10V 100W 24V	2831700
<input type="checkbox"/>	<input type="checkbox"/>	LED Driver 0-10V 150W 24V	2813000

LTECH Dali

<input type="checkbox"/>	<input type="checkbox"/>	LED Driver DALI 36W 24V	2851000
<input type="checkbox"/>	<input type="checkbox"/>	LED Driver DALI 75W 24V	2822800
<input type="checkbox"/>	<input type="checkbox"/>	LED Driver DALI 100W 24V	2823000
<input type="checkbox"/>	<input type="checkbox"/>	LED Driver DALI 150W 24V	2824200

LTECH DMX

<input type="checkbox"/>	<input type="checkbox"/>	LED Driver DMX 36W 24V	2810600
<input type="checkbox"/>	<input type="checkbox"/>	LED Driver DMX 75W 24V	2811800
<input type="checkbox"/>	<input type="checkbox"/>	LED Driver DMX 100W 24V	2812300
<input type="checkbox"/>	<input type="checkbox"/>	LED Driver DMX 150W 24V	2812800



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

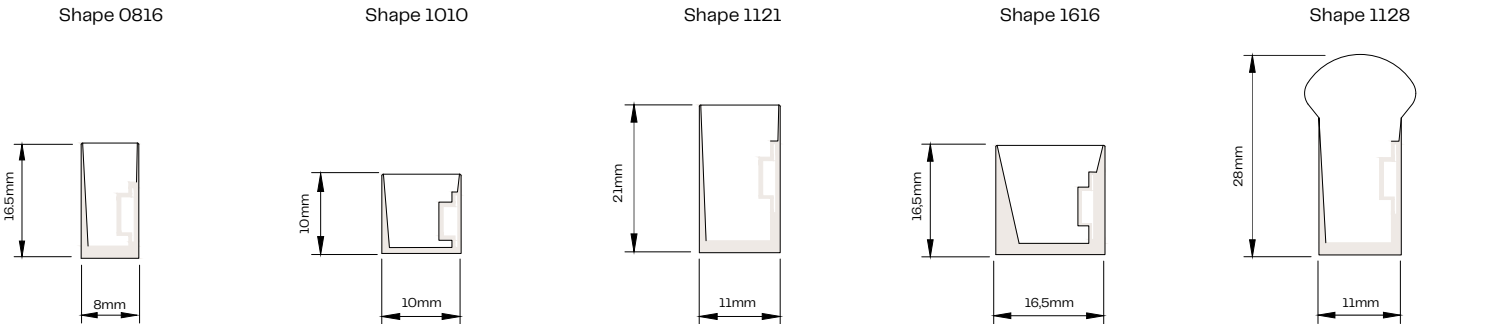
<input type="checkbox"/>	<input type="checkbox"/>	Profile Straight
<input type="checkbox"/>	<input type="checkbox"/>	Profile Curve
<input type="checkbox"/>	<input type="checkbox"/>	Mounting clip

General specifications

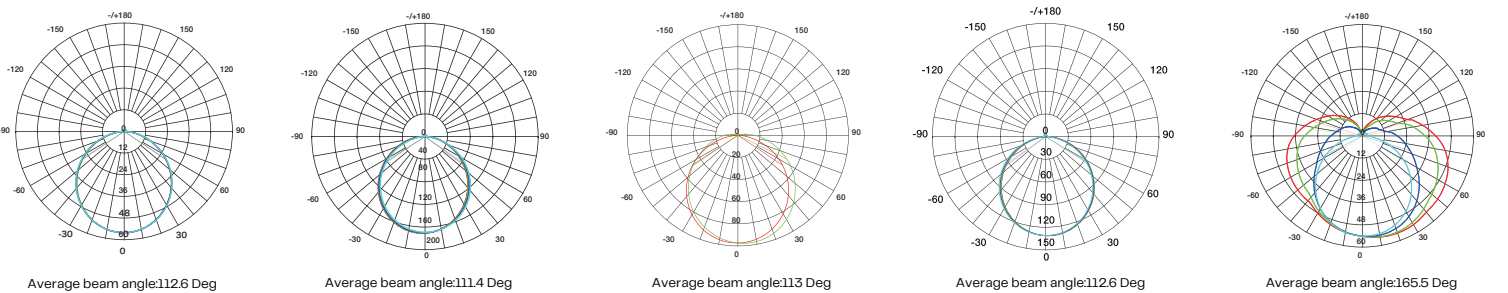
Operating Voltage	24 V DC
Color range	Single color
CRI	≥80
Power Consumption (w/m) Shape 0816/1010/1616	10 W/m
Power Consumption (w/m) Shape 1121/1128	12 W/m
LEDs per Fixture /m Model 0816/1010/1616	120
LEDs per Fixture /m Model 1121/1128	60
Luminous Flux p/m	500Lm (shape 1010)
Max Run Single power feed	5 mtr.
Max Run Double power feed	10 mtr.
SDCM	<3
LB Value	L80B10 50.000H
Storage Temperature	-15° C to 60° C
Operating Temperature	-5° C to 55° C
Connector type	M12 3 Pin Connector
Ingress Protection	IP68
Impact protection	IK08
Mounting Options	Profile or mounting clips
Certifications	UL, UKCA, CE, RoHS
Available Housing Colors	White
Weight Shape 0816/1010	400gr
Weight Shape 1121/1616/1128	550gr
Warranty	5 Years

Shape	2200K	2700K	3000K	4000K	5000K
0816	220Lm	241Lm	261Lm	271Lm	265Lm
1010	470Lm	485Lm	490Lm	500Lm	490Lm
1121	300Lm	350Lm	390Lm	410Lm	395Lm
1616	350Lm	400Lm	430Lm	440Lm	430Lm
1128	280Lm	340Lm	370Lm	380Lm	370Lm

Dimensions

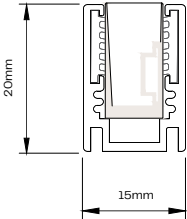


Light distribution



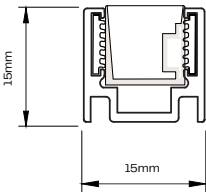
Mounting options

Mounting option for
shape 0816



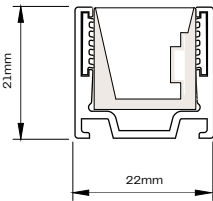
Model	Length	Holes for fixation
Profile Straight	1000mm	2
Profile Curve	N/A	
Mounting clip	35mm	2

Mounting option for
shape 1010



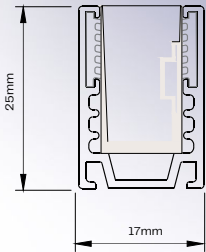
Model	Length	Holes for fixation
Profile Straight	1000mm	2
Profile Curve	N/A	
Mounting clip	35mm	2

Mounting option for
shape 1616



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

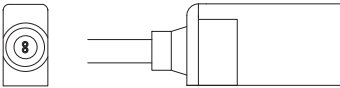
Mounting option for
shape 1121/1128



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

Cable entry options

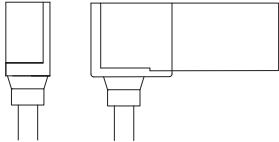
Direct



Side

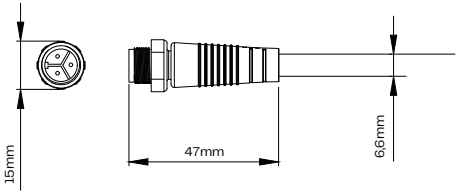


Bottom

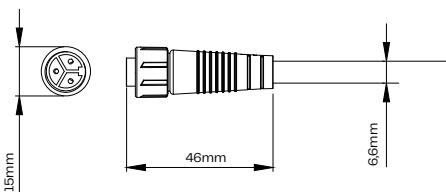


Dimensions M12 3Pin connectors & End cap

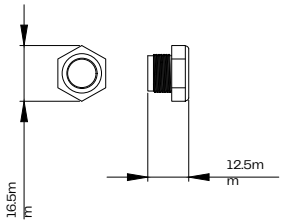
M12 3Pin Male connector



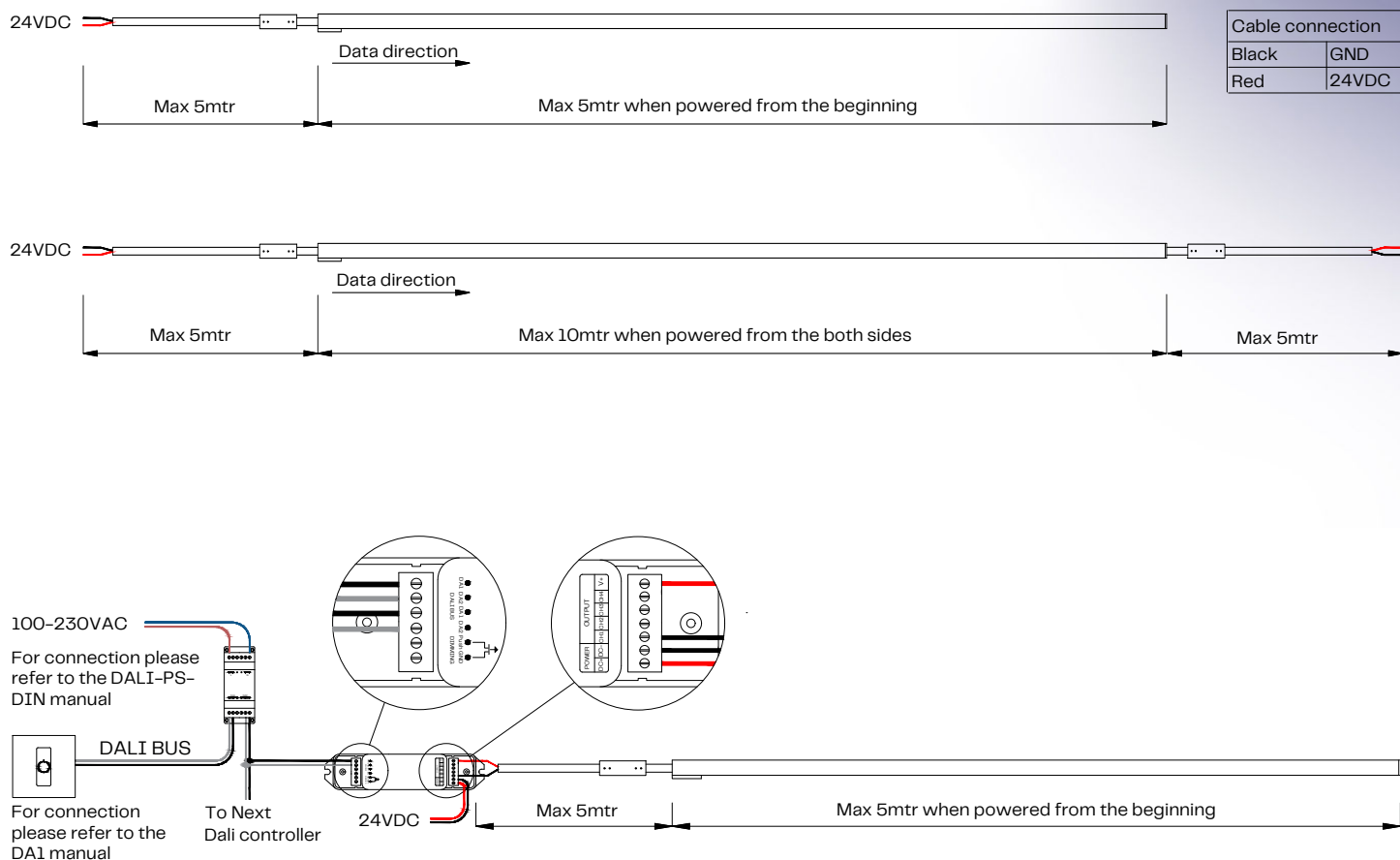
M12 3Pin Female connector



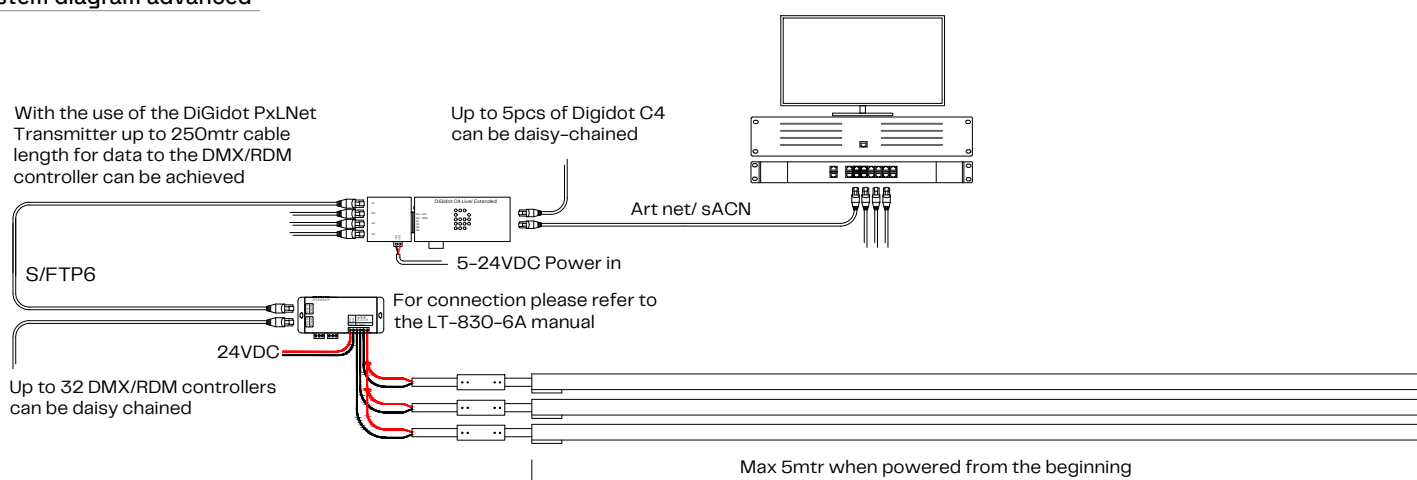
M12 3Pin End cap



System diagram basic



System diagram advanced



Installation guide

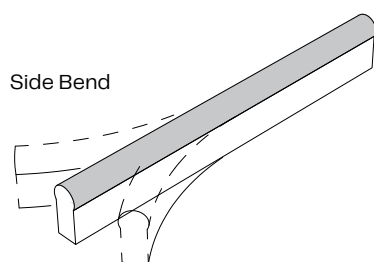
Important note:

- 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.

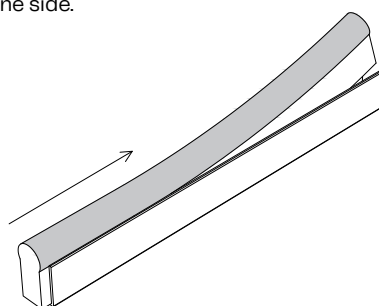
Tips:

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

Bending direction Neonflex.

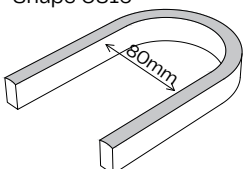


When using mounting profiles make sure the neonflex is pushed in from one side.

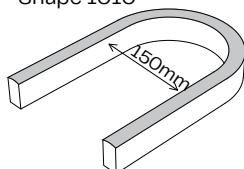


Minimum bending diameter of the Neonflex.

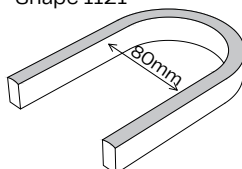
Shape 0816



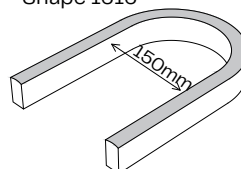
Shape 1010



Shape 1121



Shape 1616



Shape 1128

