

VARDIFLEX Grow

The VARDIFLEX LED strip is only suitable for installation in dry indoor rooms.

Risk of electric shock!

Be sure to have a professional electrician complete installation. There is no warranty coverage for any lights installed without observing european safety directives.

Caution!

Only connect the VARDIFLEX LED strip to a suitable power supply (24 V DC).
Only operate when completely unrolled.
Connect VARDIFLEX LED strips in parallel.

Delivery includes

1 x 5 metre VARDIFLEX LED strip
5 x in-feed connectors
1 x direct connector

Technical data

Power supply	24 V power supply with constant output voltage
Power	120 W
Current strength	5 A
Radiation angle	120°
Quantity LED	600
Length	maximum 5 metres per connection
Dimensions	5000 x 10 x 1,5 mm
Bending diameter	60 mm



Compliant with the applicable european CE directives



Safety class 3 - low voltage protection



Very light - profile necessary
The VARDIFLEX LED strip needs an additional cooling element and sufficing air ventilation.



Suitable for indoor use only

Installation

Risk of electric shock!

Switch off voltage prior to installation. Ensure that voltage cannot be accidentally switched on again.

Caution!

On conducting surfaces, place an insulation layer between the VARDIFLEX LED strip and surface. Surfaces must be flat, free of dust, grease and dry.

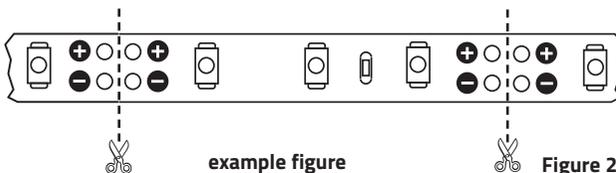
1. Prepare surface.
2. Shorten VARDIFLEX LED strip if necessary (Fig. 1).
3. Peel off adhesive film and gently press on VARDIFLEX LED strip, do not press directly on the LEDs.
4. Connect VARDIFLEX LED strip to power supply.

Shortening the LED strip

Risk of electric shock!

Always disconnect the mains plug before shortening.

VARDIFLEX LED strip can be separated in each case after **six LEDs (50 mm)** (Fig. 1).



example figure

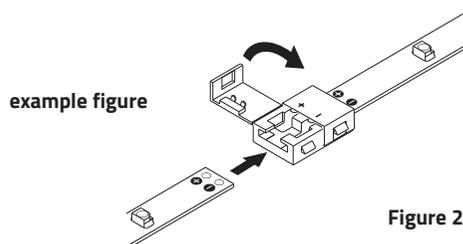
Figure 2

Separate the VARDIFLEX LED strip at the marked position. For a tightly assembled LED strip is a micro side cutter or an optional cutter required.

Connecting LED strip

With direct connector:

To connect two VARDIFLEX LED strip together, use a direct connector.



example figure

Figure 2

With in-feed connector:

To connect a VARDIFLEX LED strip to a power supply, use a in-feed connector.

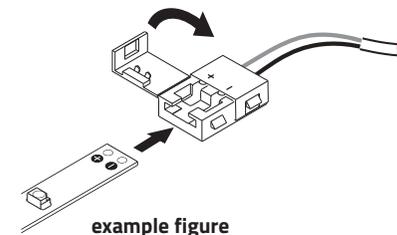


Figure 3

example figure

1. **Do not** remove the protection film at the connection position.
2. Open the shutter of the direct / in-feed connector (Fig. 2+3).
3. Connect the in-feed connector to the end of the VARDIFLEX LED strip (observe polarity) and close the fastener (Fig. 2+3).

Caution!

With soldered connections note that the soldering temperature is 260° C and the soldering duration a maximum of 10 seconds per soldering point.

Only use neutral cross-linked silicon (never use silicon which includes vinegar!).

Disposal



Dispose of electrical and electronic equipment in an environmentally friendly manner. Please contact your local council for further information.



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