

VARDIFLEX Select / VARDIFLEX Select IP68

The **VARDIFLEX Select** LED board is only suitable for installation in dry indoor rooms.

The **VARDIFLEX Select IP68** LED board is only suitable for installation out of doors and in wet 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 LED board to a suitable power supply 24 V DC.

Only operate when completely unrolled.

Connect LED boards in parallel.

Delivery includes

VARDIFLEX Select / VARDIFLEX Select IP68

- 1 x 5 metres LED board
- 5 x supply connectors
- 1 x straight connectors

VARDIFLEX Select IP68

- 1 x silicon gel (88670)
- 2 x silicon end caps
- 2 x silicon caps for supply connectors
- 30 x fixing brackets

Technical data

Power supply	12 V power supply with constant voltage output.
Power	48 W
Current strength	4 A
Radiation angle	120°
Quantity LED	600
Length	maximum 10 metres per connection
Dimensions	VARDIFLEX Select 5000 x 8 mm VARDIFLEX Select IP68 5000 x 11 mm

Bending radius

20 mm



Safety class 3 - low voltage protection



Suitable for indoor use only.

VARDIFLEX Select



Compliant with the applicable European CE directives

Installation



Risk of electric shock

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



First connect the LED strip to a controller and then to the power supply unit (not included in the scope of delivery).



Mounting VARDIFLEX Select

! Caution!

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

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

Mounting VARDIFLEX Select IP68

1. Shorten LED board if necessary (Fig. 2).
2. Attach LED board with fixing brackets (recommended spacing: every 15-20 cm).

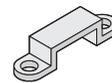


Figure 1

Shortening the LED board



Risk of electric shock!

Always disconnect the mains plug before shortening. LED boards can be disconnected in each case after **six** LEDs (Fig. 2).



Figure 2

1. Cut through the LED board at the marked position.

Connecting LED boards

With straight connector:

To connect two LED boards together, use a straight connector.

With supply connector:

To connect an LED board to a power supply, use a supply connector.

VARDIFLEX Select

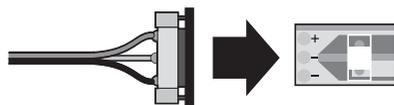


Figure 3

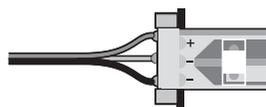


Figure 4

1. Remove adhesive strips at the connection position.
2. Pull the fastener off the supply connector (Fig. 3).
3. Connect the supply connector to the end of the LED board (observe polarity) and close the fastener (Fig. 4).
4. Secure the supply connector to the LED board (e.g. with insulation tape).

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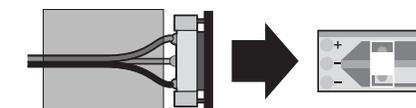


Figure 5

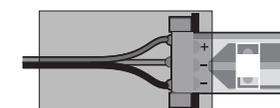


Figure 6

1. Insert supply connector into the silicon cap (Fig. 5).
2. Open the fastener of the feeder connector (Fig. 5).
3. Connect the supply connector to the end of the LED board (observe polarity) and close the fastener.
4. Secure the supply connector to the LED board (e.g. with insulation tape).
5. Push silicon cap over the connection position (Fig. 5)
6. Seal the connection position so it is watertight with the enclosed silicon gel (neutral cross-linked) and wait till it is cured.



Caution!

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



Caution!

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.

