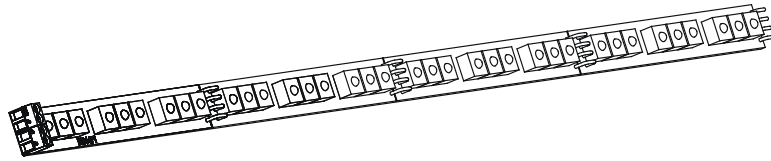


User instructions

ArcLine Micro 36

The module generates colored light using red, green, blue, amber and white LEDs. The product was designed to use with the ArcPower Micro 270 and for indoor use only.

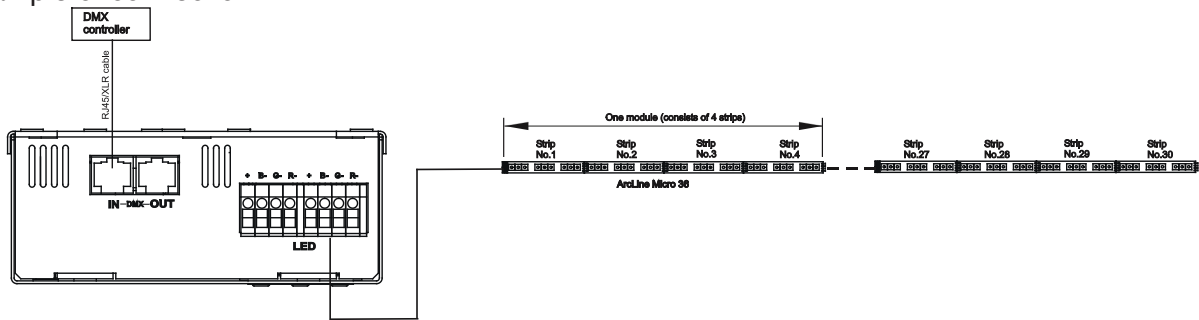


1. Attention:

- Do not install the module near high inflammable liquids or materials
- Do not allow anything to rest on the module
- Do not use the module near high humidity or water or expose to the rain
- Do not install the module near the naked flames
- Do not install the module in dirty, dusty or badly ventilated location
- Allow for expansion due to changes in temperature
- Isolate from all conductive materials

2. Connection diagram:

Example of connection



The ArcLine Micro 36 module consists of four 100 mm-long strips (with 9 LEDs each).

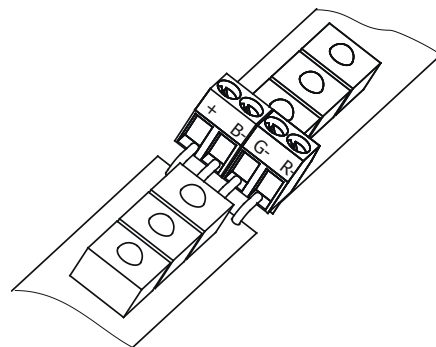
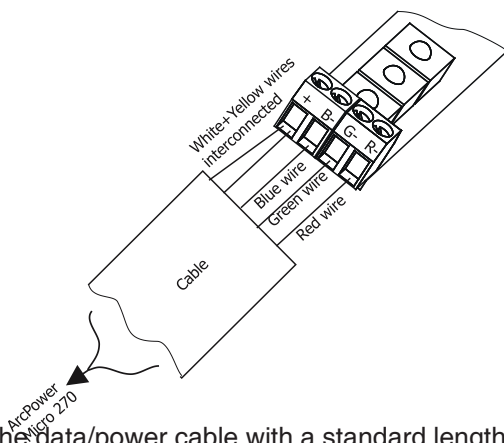
LED strips should be only connected to the ArcPower Micro 270 unit. See ArcPower Micro 270 user manual for full details of mains power requirements and DMX operation.

Maximum number of connected ArcLine Micro 36 modules to the ArcPower Micro is 7 (30 strips)

3. Connections:

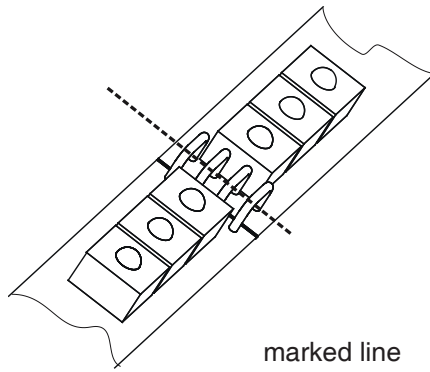
Connection between strip and ArcPower Micro 270

Connection between strips

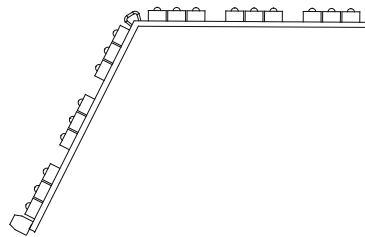


The data/power cable with a standard length of 1 metre for connection to the ArcPower Micro 270 is a part of delivery of ArcPower Micro 270. If you need a longer cable, use five-core cable 5x 1.35 mm² with max. length of 5 m (for common + use 2 cores of this cable as shown on the picture above).

It is possible to cut the wires between neighbouring strips and then gently cut the strip in the marked line if you don't want to use the whole module of ArcLine Micro 36.

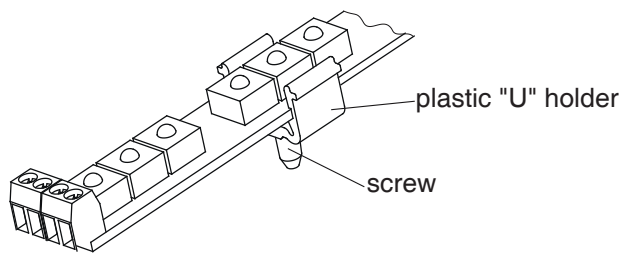
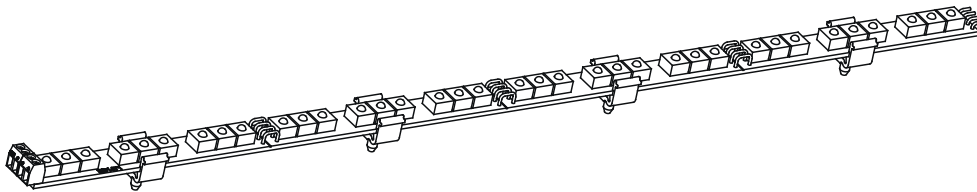


It is also possible to bend the strips in the marked line up to 45°:

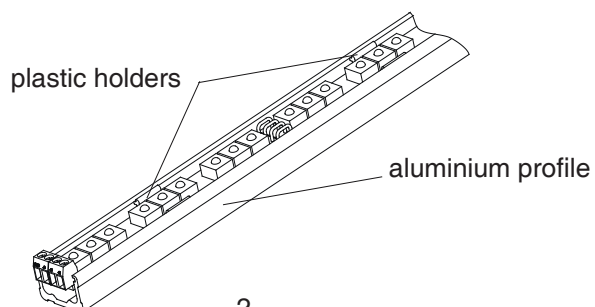
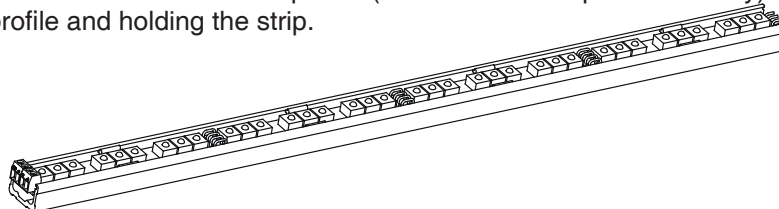


3. Installation

The LED strips should be fastened by means of the plastic "U" holders (it is not part of delivery). Fix these holders to the desired base by countersink screws and snap the strips into "U" holders.



The LED strips can be mounted into aluminium profile (it is not standard part of delivery) by means of "U" holders inserted into the profile and holding the strip.



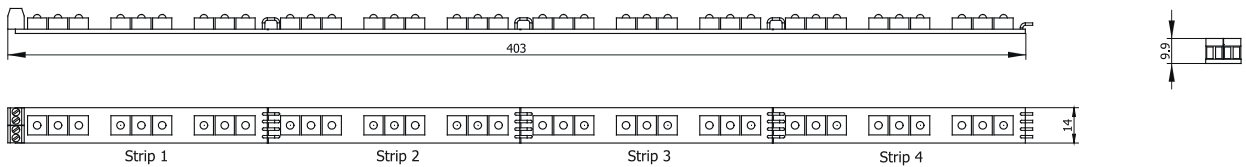
4. Technical specifications:

Total number of LEDs per module:	36
Total number of LEDs per strip:	9
Number of strips per module:	4
Max input current per strip:	Red LEDs:60 mA, Green LEDs: 40 mA, Blue LEDs: 40 mA
Maximum power consumption per strip:	1.8 Watts
Compatible power supply:	ArcPower Micro 270
Max. number of connected modules to AP Micro 270:	7 (30 strips)
Operating ambient temp.range:	-20°C/+40°C
Operating temperature:	+50°C@ ambient 25°C
Led device consumption:	150mW
Optical system:	130° wide-angle LEDs
Typical Lumen maintenance:	70%@ 50,000 hours
Led life expectancy:	minimum 50,000 hours
Weight:	0.04 kg

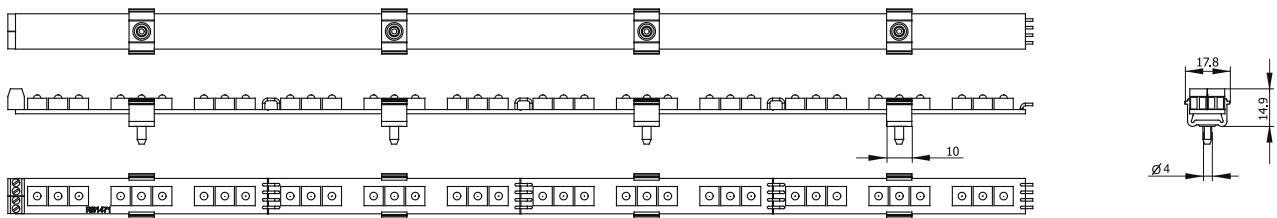
5. Dimensions:

(All dimensions are in mm)

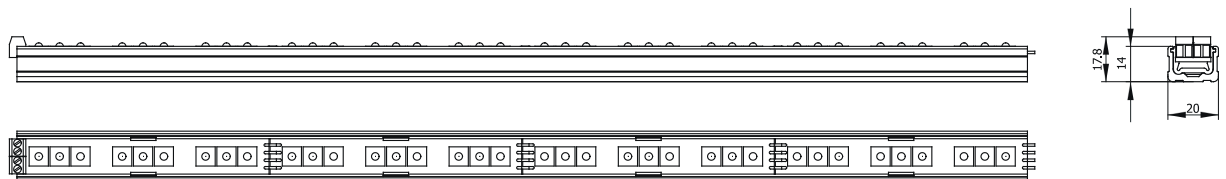
ArcLine Micro 36 module



ArcLine Micro 36 with "U" holders



ArcLine Micro 36 placed in aluminium profile



6. Optional Accessories

- "U" holderNo.19020047
- Aluminium profile (2 m long).....No.19030031

7. Maintenance

Isolate from power before accessing.

- Keep the LED module dry.
- From time to time visually inspect LED modules for any obvious faults.
- Periodically clean the LEDs. Use a moist, lint-free cloth. Never use alcohol or solvents.

Version 1.4

Specifications are subject to change without notice.