

# User instructions

## ArcLine Outdoor 20 MC, ArcLine Outdoor 40 MC

The modules generate colored light by means of the Cree LEDs. The products were designed for exterior use and they are ideal for locations where effect lighting with long lifetime is required.

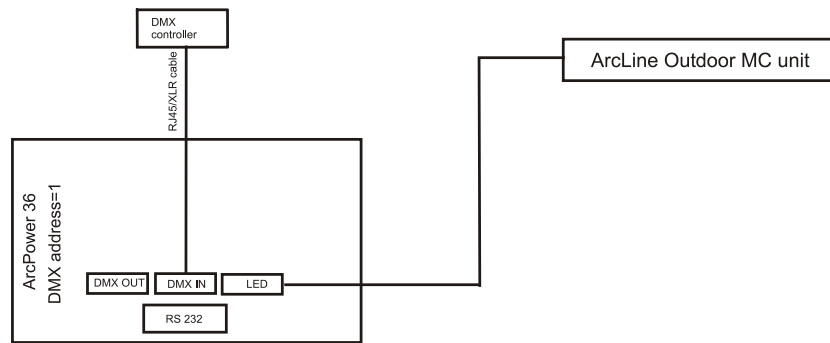
### 1. Attention

**Consider the respective national norms during the installation!**

- Do not install the unit near naked flames.
- Avoid using the unit in locations subject to possible impacts.
- Do not attempt to dismantle or modify the unit.
- Avoid looking directly into the LED light beam at close range.
- Do not install the module in badly ventilated location

### 2. Installation

The ArcLine Outdoor unit should be connected to the ArcPower drivers - See ArcPower 36/72/144/360 user manuals for full details of mains power requirements and DMX operation.



**CAUTION!**  
Avoid looking directly into the LED light beam at close range!

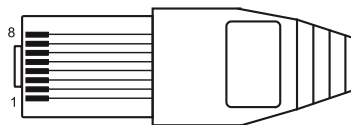
The ArcLine Outdoor unit can be arranged in any position orientation. Spotlight body is mounted on a steel “U” brackets for “tilt” adjustment, with fixings which can be locked in position to retain the focus of the unit beam. Connect to the end of the ArcLine Outdoor’s cable directly to the driver or use suitable cable joint box (weather-tight for outdoor installation) if the cable has to be extended.

Maximum possible number of LED modules connected to the one ArcPower 36 (or one LED output zone of the ArcPower 72/144/360) is mentioned in the table below.

Module	Number of LED multichips	Max. number of connected modules	Compatible power supplies
ArcLine Outdoor 20 MC	5	2	ArcPower 36/72/144/360
ArcLine Outdoor 40 MC	10	1	ArcPower 36/72/144/360

### 3. RJ45 pin connection

RJ45 plug  
(View facing pins)



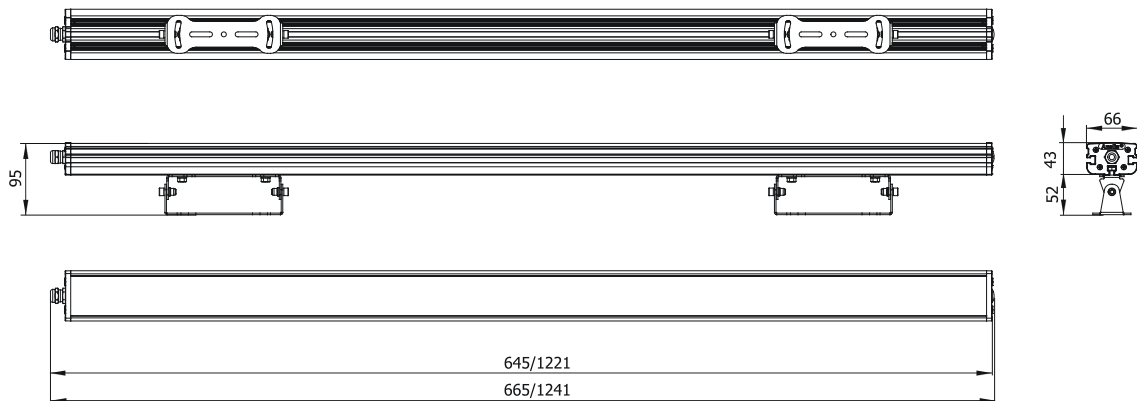
Pin	Colour of wire	LED Colour
1	White/orange	Red LED +
2	Orange	Green LED +
3	White/green	Blue LED +
4	Blue	White LED +
5	White/blue	Red LED -
6	Green	Green LED -
7	White/brown	Blue LED -
8	Brown	White LED -

#### 4. Technical specifications:

Parameter	ArcLine Out. 20 MC	ArcLine Out. 40 MC
Max. power consumption:	22W	44W
Max. Input Current per Colour:	350 mA	350 mA
LED Device:	Cree MC-E RGBW multichip	Cree MC-E RGBW multichip
Number of LED multichips:	5	10
Typical Lumen Maintenance:	70% @ 60,000 hours	70% @ 60,000 hours
Led Life Expectancy:	60,000 hours	60,000 hours
Beam angle:	98°	98°
Compatible Power Supplies:	ArcPower 36/72/144/360	ArcPower 36/ 72/144/ 360
Operating Ambient Temp. Range:	-20°C/+40°C	-20°C/+40°C
Surface temperature @25°C	38°C	38°C
Cooling System:	convection	convection
Construction:body	precision extruded aluminium	precision extruded aluminium
“U” holder	zincing steel	zincing steel
Transparent cover:	clear tempered glass	clear tempered glass
Weight:	3.2 kg	5.8 kg
Ingress Protection:	IP 65	IP 65
Flammability:	94V-0 flame class rating	94V-0 flame class rating
Power /Data plug:	RJ45	RJ45
Power /Data cable		
type:	Belden 7930A Cat. 5e;AWG 24	Belden 7930A Cat. 5e;AWG 24
length:	1.5 m	1.5m

#### 5. Dimensions:

(All dimensions are in mm)



#### 6. Accessories

- Allen key.....1 piece
- Splitter (No. 13050690).....1 pcs (except ArcLine 40 MC)

#### 7. Maintenance

Periodically clean the front transparent cover, particularly if the unit is exposed to the weather. Use a moist, lint-free cloth. Never use alcohol or solvents!