User instructions

ArcLine Mini Outdoor 9/12/18 In/Out

The product generates colored light by means of high power LEDs.The product was designed for interior and exterior use and it is ideal for locations where signaling,directional or effect lighting 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.
Do not install the module in badly ventilated location

Avoid looking directly into the LED light beam at close range.

2.Installation

The ArcLine Mini Outdoor In/Out unit has to be connected to the power source of type of LVLE acording to the specifications stated in the chapter "Technical specifications".

ArcLine Mini Outdoor 18

ArcLine Mini Outdoor 18 In/Out
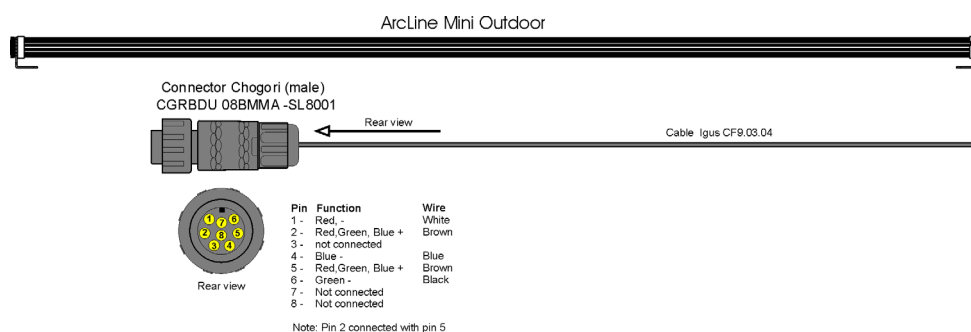

**LVLE
power supply**

Adapter cable
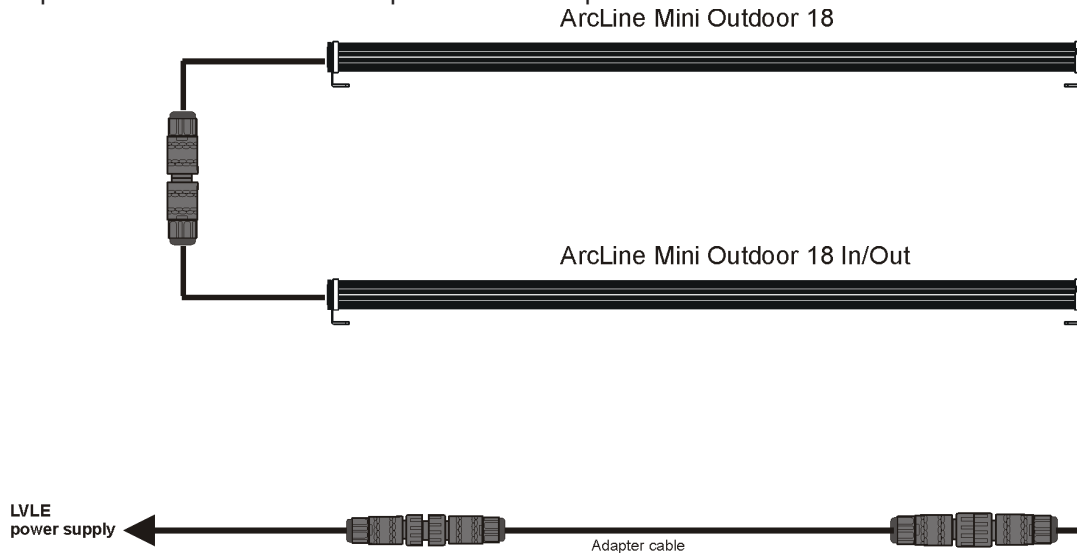
The ArcLine Mini Outdoor unit can be arranged in any position orientation.
For fastening the ArcLine Mini outdoor on the wall (flat surface etc) are intended two L-brackets with mountings holes of diameter of 5 mm each. Adjusting screws on both sides of the ArcLine Mini unit allow to set desired position of tilt.
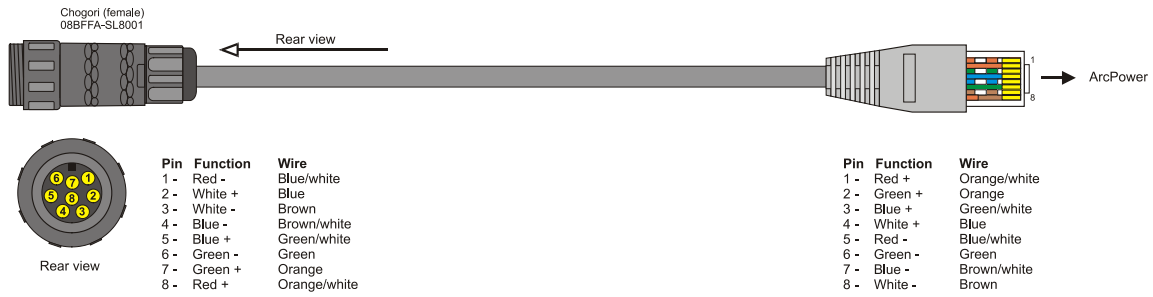**Note: the last LED module in the LED chain has to be the standard ArcLine Mini Outdoor module with one cable only (not In/Out version), otherwise LEDs in the chain will not lit.**

3.Connections

1. ArcLine Mini Outdoor

ArcLine Mini Outdoor

Connector Chogori (male)
CGRBDU 08BMMA -SL8001

Rear view

Cable Igus CF9.03.04

Rear view

Pin	Function	Wire
1 -	Red, -	White
2 -	Red,Green, Blue +	Brown
3 -	not connected	
4 -	Blue -	Blue
5 -	Red,Green, Blue +	Brown
6 -	Green -	Black
7 -	Not connected	
8 -	Not connected	

Note: Pin 2 connected with pin 5

2. Adapter cable Chogori -RJ45 (it is not a standard part of delivery), for indoor use only

Chogori (female)
08BFFA-SL8001

Rear view →

→ ArcPower

Pin	Function	Wire
1 -	Red -	Blue/white
2 -	White +	Blue
3 -	White -	Brown
4 -	Blue -	Brown/white
5 -	Blue +	Green/white
6 -	Green -	Green
7 -	Green +	Orange
8 -	Red +	Orange/white

Pin	Function	Wire
1 -	Red +	Orange/white
2 -	Green +	Orange
3 -	Blue +	Green/white
4 -	White +	Blue
5 -	Red -	Blue/white
6 -	Green -	Green
7 -	Blue -	Brown/white
8 -	White -	Brown

3. Adapter cable Chogori -Chogori wired 1:1 (it is not a standard part of delivery)

Chogori (female)
08BFFA-SL8001

Rear view →   ← Rear view

Chogori (male)
08BMMA-SL8001

Igus CF9.03.08

Pin	Function	Wire
1 -	Red -	Grey
2 -	White +	Pink
3 -	White -	Blue
4 -	Blue -	Red
5 -	Blue +	White
6 -	Green -	Brown
7 -	Green +	Yellow
8 -	Red +	Green

Pin	Function	Wire
1 -	Red -	Grey
2 -	White +	Pink
3 -	White -	Blue
4 -	Blue -	Red
5 -	Blue +	White
6 -	Green -	Brown
7 -	Green +	Yellow
8 -	Red +	Green

4. Technical specifications

LED device:	Luxeon Rebel
Number of LEDs:	9/12/18
Max input current (per colour):	350 mA
Maximum power consumption:	10.2W/13,1W/ 20.4W
Max. input voltage:	48V
Typical Lumen maintenance:	70%@ 60,000 hours
LED life expectancy:	minimum 60,000 hours
Beam angle (RGB variant)	127°x119°
Beam angle (WW or CW variant)	115°x113°
Operating ambient temp.range:	-20°C/+40°C
Surface temperature:	40°C@25°C ambient
Protection factor:	Suitable for wet location
	Note: With RJ-45 connector indoor/dry location use (not available for US/Canada).
Cooling system:	convection
Construction:	
Body	Extruded Anodized Aluminium
transparent cover	silicone
Weight:	0.19kg/0.26kg/0.38kg
Cable:	Igus CF9.03.04, length=0.5m
Connector In:	Chogori CGRBDU 08BMMA-SL8001(male)
Connector Out:	Chogori CGRBDU 08BFFA-SL8001(female)

Dimensions (mm)

296/596/896/1196

251/551/851/1151

12

39
30
43
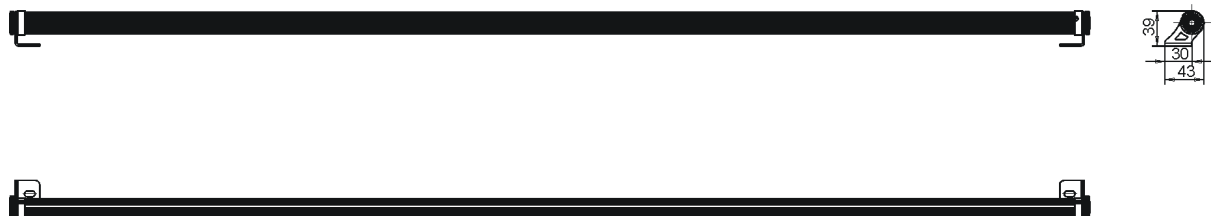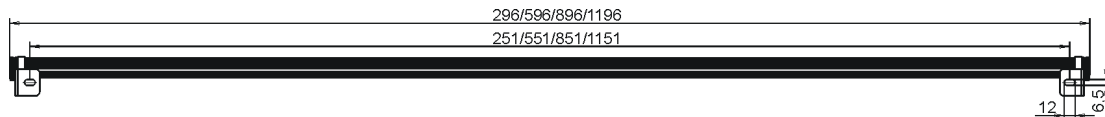
5. Accessories

1x Chogori connector CGRBDU-08BFFA-SL8001 (female), IP 67

6. Optional Accessories

Adapter cable CGRBDU-08BFFA/ CGRBDU-08BMMA, L=3m (P/N 13051960), IP 67
Adapter cable CGRBDU-08BFFA/RJ45, L=0.25m (P/N. 13051966), for indoor use only

Version 1.6
Specifications are subject to change without notice
31/01/2019