User instructions

ArcLine Mini Outdoor 9/12/18/27/36

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.
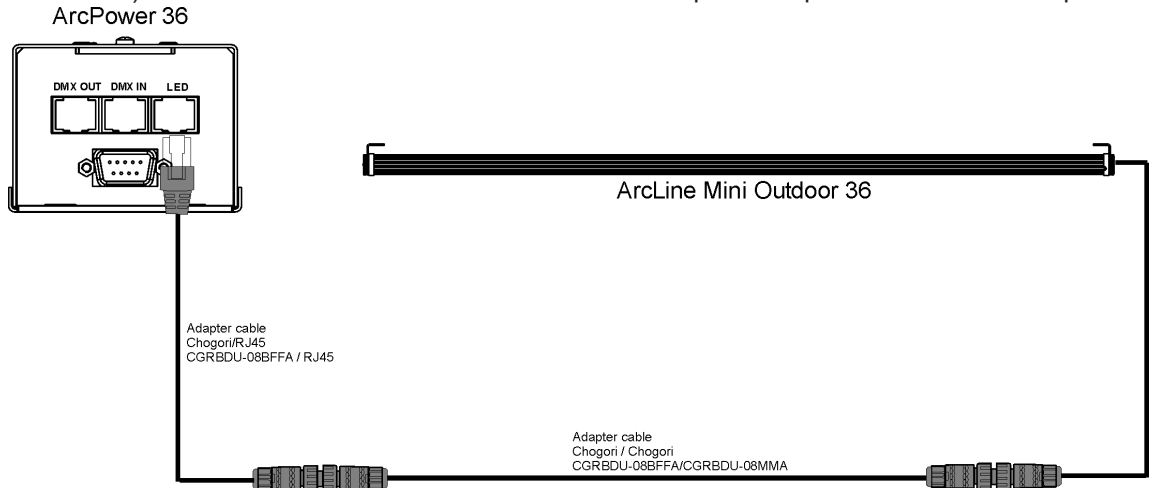

1.Attention

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 unit should be connected to the ArcPower 36/72/144/360 or the ArcPower 384 Rack mount (set at 350mA). See their user manuals for full details of mains power requirements and DMX operation.

ArcPower 36

DMX OUT   DMX IN   LED

ArcLine Mini Outdoor 36

Adapter cable
Chogori/RJ45
CGRBDU-08BFFA / RJ45

Adapter cable
Chogori / Chogori
CGRBDU-08BFFA/CGRBDU-08MMA

For fastening the ArcLine Mini 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 in tilt movement.
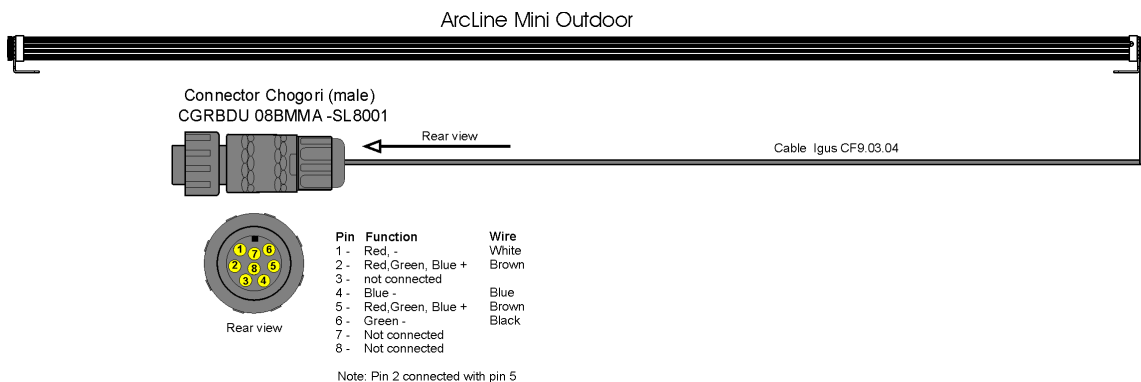The ArcLine Mini Outdoor unit can be arranged in any position orientation.
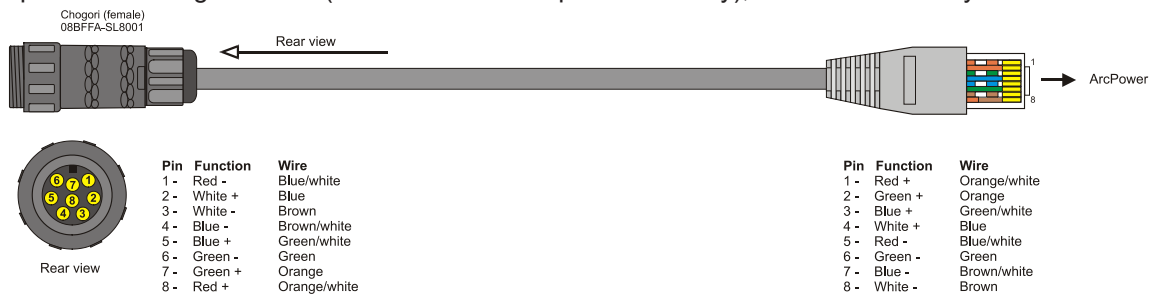**Only one LED module can be connected to the LED output of the ArcPower driver.**
If you need to connect more than one LED module to the ArcPower driver, you have to use the ArcLine Mini Outdoor IN/OUT version. The last LED module has to be this standard ArcLine Mini Outdoor - see the ArcLine Mini Outdoor IN/OUT user manual. Do not overload LED output of the ArcPower driver.

3.Connections

1. ArcLine Mini Outdoor

ArcLine Mini Outdoor

Connector Chogori (male)
CGRBDU 08BMMA -SL8001

Rear view

Cable Igus CF9.03.04

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	

Rear view

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

Rear view

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 (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

Rear view
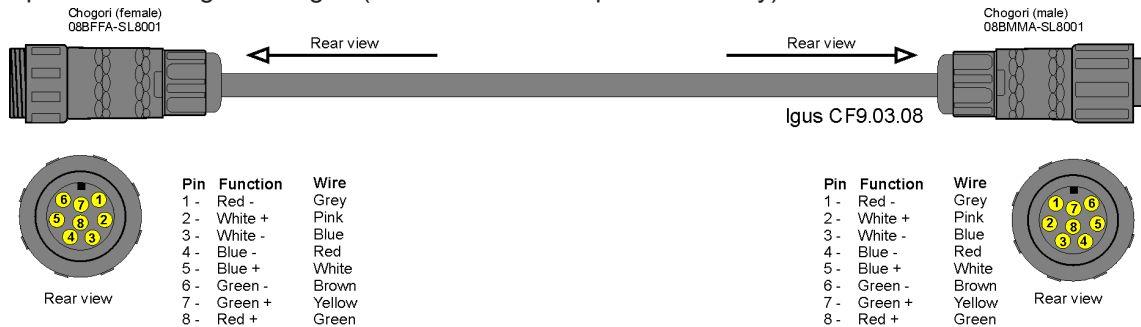
4.Technical specifications

LED device:	Luxeon Rebel
Number of LEDs:	9/12/18/27/36
Max input current (per colour):	350 mA
Maximum power consumption:	10.2W/ 13.6W/ 20.4W/ 30.6W/ 41W
Comp. power supplies :	ArcPower 36/72/144/360/ ArcPower 384 Rack Mount
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:	IP 67
	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/ 0.25kg/ 0.38kg/ 0.57kg/ 0.77kg
Cable:	Igus CF9.03.04, length=0.5m
Connector:	Chogori CGRBDU 08BMMA-SL8001, IP67 (male)
Dimensions (mm)	

296/396/596/896/1196
1151
12 6.5

360°
39
30
43

251/351/551/851/1151
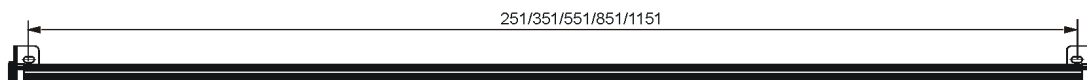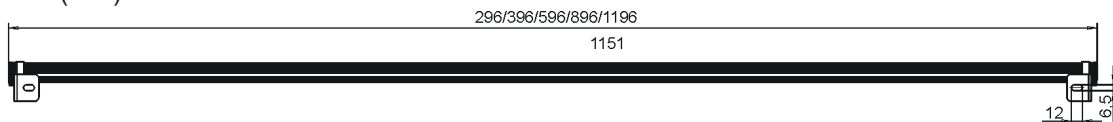
5. Accessories

1x Chogori connector CGRBDU-08BFFA-SL8001 (female), IP67

6. Optional Accessories

(P/N 13051960) Adapter cable CGRBDU-08BFFA/ CGRBDU-08BMMA, L=3m, IP67
(P/N 13051966) Adapter cable CGRBDU-08BFFA/RJ45, L=0.25m , for indoor use only