

User instructions

ArcLine Outdoor Optic 20 MC, ArcLine Outdoor Optic 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.

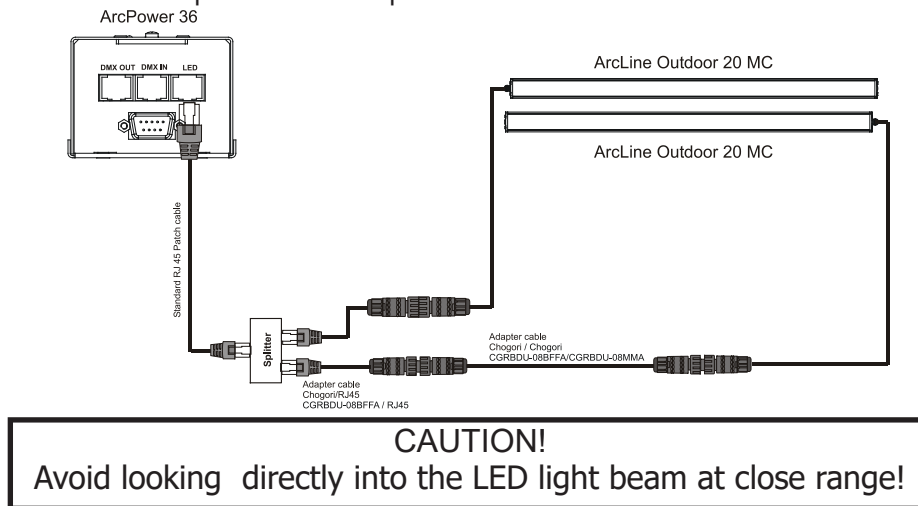
Do not attempt to dismantle or modify the unit.

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

Do not install the module in badly ventilated location

2. Installation

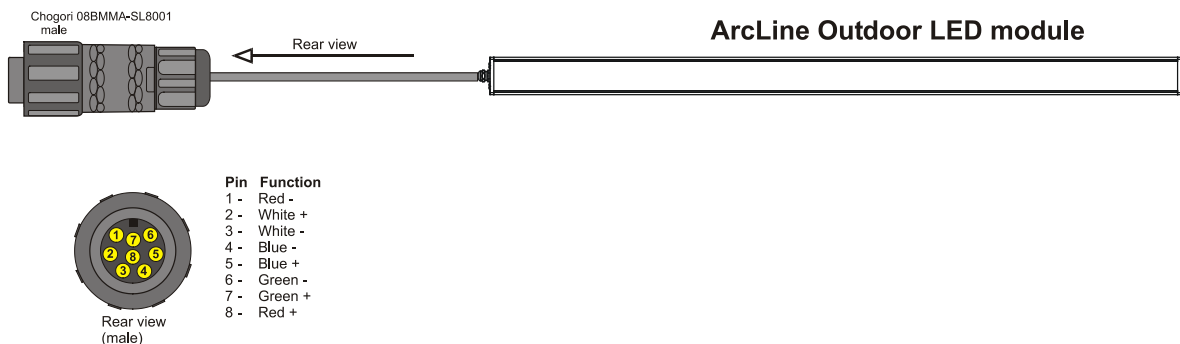
The ArcSource Outdoor Optic unit has to be connected to the power source of type of LVLE according to the specifications stated in the chapter "Technical specifications".



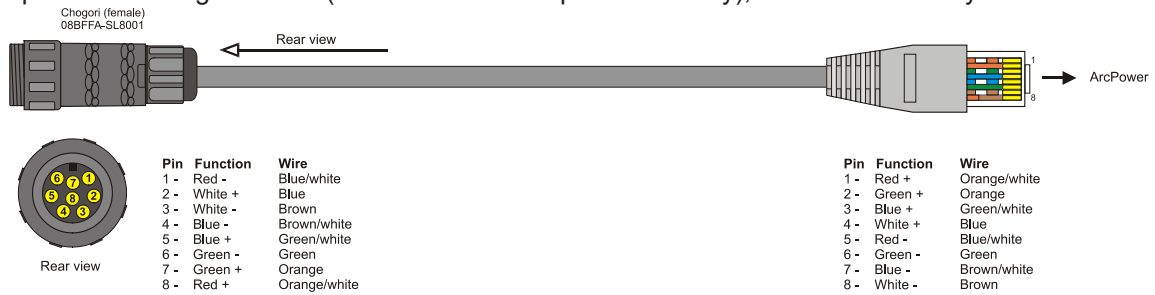
The ArcLine Outdoor unit can be arranged in any position orientation. Spotlight body is mounted on a steel "U" brackets for "tilt" adjustment, with fixings which can be locked in position to retain the focus of the unit beam.

Connections:

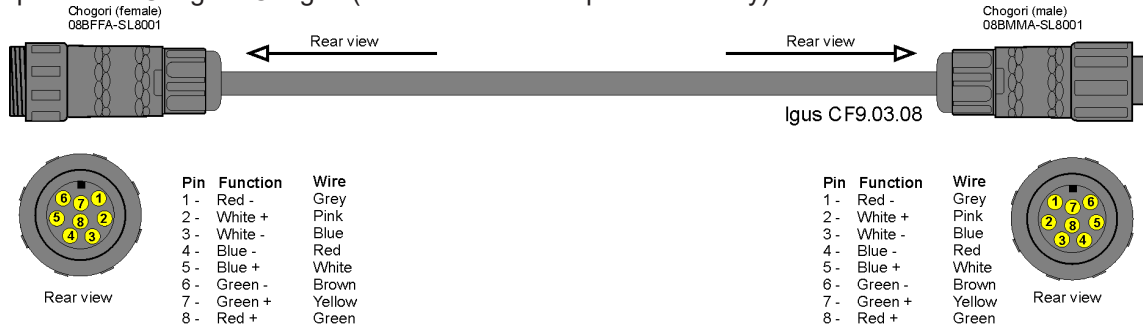
1. ArcLine Outdoor Optic 20 (40) MC



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



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

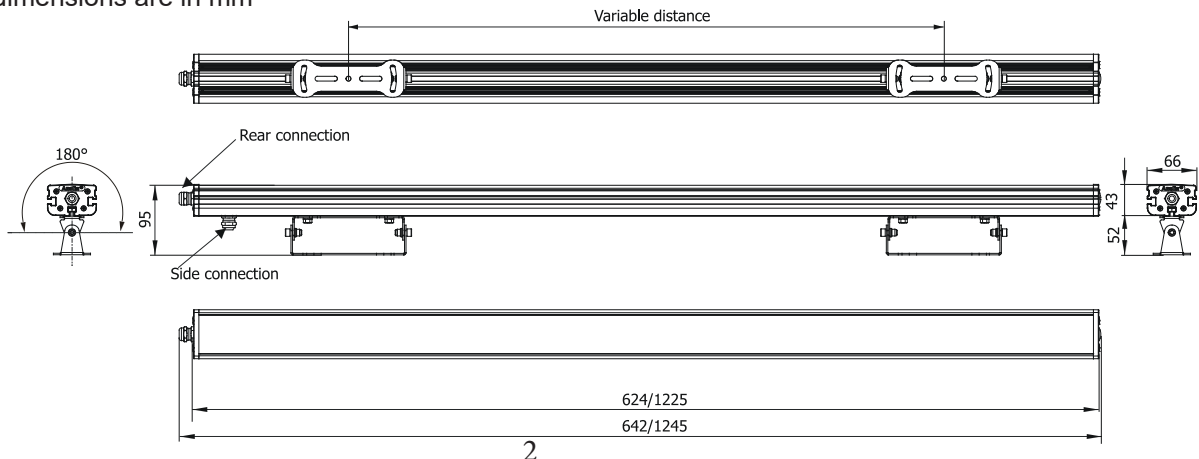


3. Technical specifications

	ArcLine Outdoor Optic20 MC	ArcLine Outdoor Optic 40 MC
Max. power consumption:	22W	44W
Max. Input current per colour:	350 mA	350 mA
Max. input voltage:	48V	48V
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 angles:	27°, 36°, 21°x36°	27°, 36°, 21°x36°
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	40°C	40°C
Cooling system:	convection	convection
Construction:body	precision extruded alluminium	precision extruded alluminium
“U” holder	zincing steel	zincing steel
Transparent cover:	clear tempered glass	clear tempered glass
Weight:	3.2 kg	5.8 kg
Ingress protection:	Suitable for wet location	Suitable for wet location
Flammability:	94V-0 flame class rating	94V-0 flame class rating
Power /Data plug:	Chogori 08BMMA-SL8001	Chogori 08BMMA-SL8001
Power /Data cable		
type:	LiYY 8xAWG22 UL Style 2517/CSA O.D. 6,70mm (for both variants)	
length:	0.5 m	0.5m

4. Dimensions(ArcLine Outdoor 20MC/40MC):

All dimensions are in mm



5. Accessories

- 1x Allen key
- 1x Splitter (No. 13050690), ArcLine Optic 20MC only
- 1x Connector Chogori CGRBDU-08BFFA (female), Ip 67

6. Optional Accessories

- Adapter cable CGRBDU-08BFFA/ CGRBDU-08BMMA, L=3m, IP 67 (P/N 13051960)
- Adapter cable CGRBDU-08BFFA/RJ45, L=0.25m (P/N 13051966), for indoor use only
- T-connector Chogori 8-pin, IP 67 (P/N 13051938)

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.