

User instructions

ArcLine Outdoor Optic 3/6/8/12/18/24/36

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

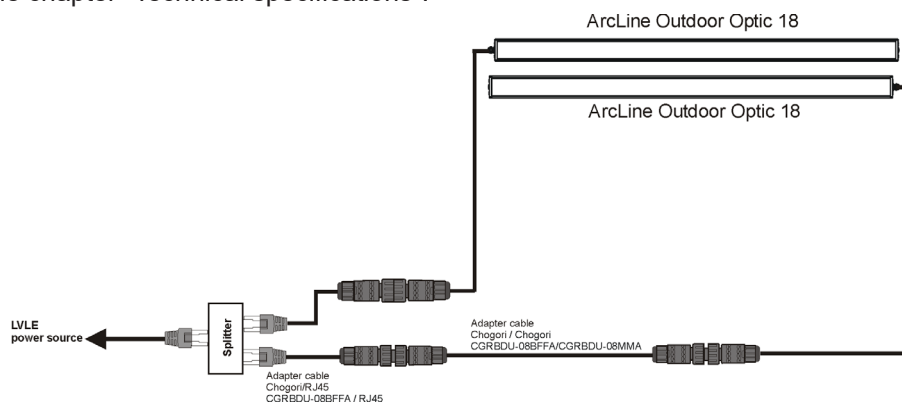
1. Attention

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

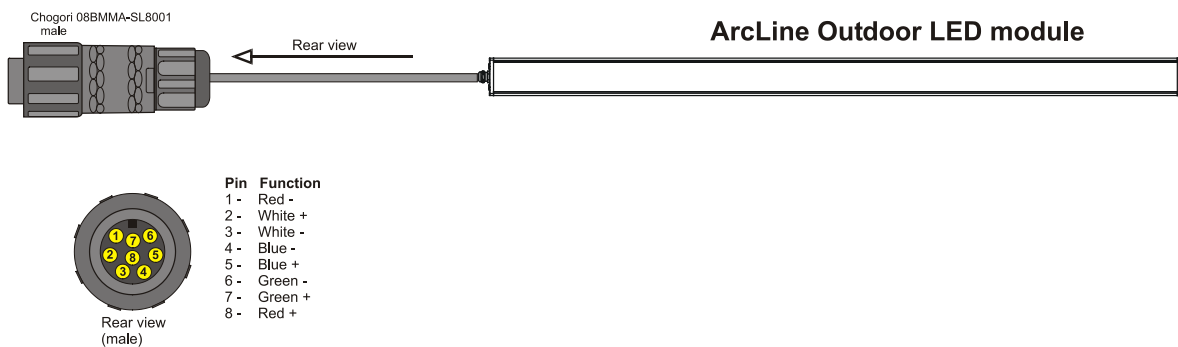
The ArcSource Outdoor unit has to be connected to the power source of type of LVLE according to the specifications stated in the chapter "Technical specifications".



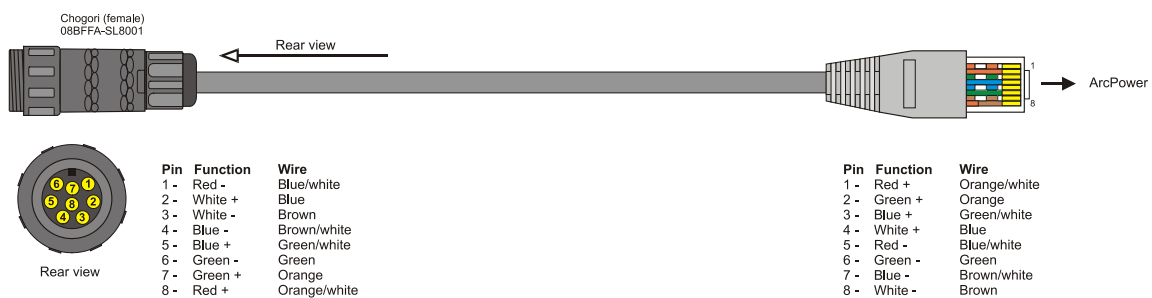
The ArcLine Outdoor unit can be arranged in any position orientation. Spotlight body is mounted on a steel "U" brackets for "tilt" adjustment, with fixings which can be locked in position to retain the focus of the unit beam.

Connections:

1. ArcLine Outdoor Optic



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)



It is possible to use a splitter for connecting two or more ArcLine Outdoor Optic modules to the power source.
Table of variants of ArcLine Outdoor Optic modules

Module (colour variant)	Total LEDs	Red LEDs	Green LEDs	Blue LEDs	Amber LEDs	Cool white LEDs	Warm white LEDs
ArcLine Outdoor Optic 3 RGB	3	1	1	1	-	-	-
ArcLine Outdoor Optic 3 CW	3	-	-	-	-	3	-
ArcLine Outdoor Optic 3 WW	3	-	-	-	-	-	3
ArcLine Outdoor Optic 3 R	3	3	-	-	-	-	-
ArcLine Outdoor Optic 3 G	3	-	3	-	-	-	-
ArcLine Outdoor Optic 3 A	3	-	-	-	3	-	-
ArcLine Outdoor Optic 3 B	3	-	-	3	-	-	-
ArcLine Outdoor Optic 6 RGB	6	2	2	2	-	-	-
ArcLine Outdoor Optic 6 CW	6	-	-	-	-	6	-
ArcLine Outdoor Optic 6 WW	6	-	-	-	-	-	6
ArcLine Outdoor Optic 6 R	6	6	-	-	-	-	-
ArcLine Outdoor Optic 6 G	6	-	6	-	-	-	-
ArcLine Outdoor Optic 6 A	6	-	-	-	6	-	-
ArcLine Outdoor Optic 6 B	6	-	-	6	-	-	-
ArcLine Outdoor Optic 8 RGBW	8	2	2	2	2	-	-
ArcLine Outdoor Optic 12 RGB	12	4	4	4	-	-	-
ArcLine Outdoor Optic 12 CW	12	-	-	-	-	12	-
ArcLine Outdoor Optic 12 WW	12	-	-	-	-	-	12
ArcLine Outdoor Optic 12 R	12	12	-	-	-	-	-
ArcLine Outdoor Optic 12 G	12	-	12	-	-	-	-

Module (colour variant)	Total LEDs	Red LEDs	Green LEDs	Blue LEDs	Amber LEDs	Cool white LEDs	Warm white LEDs
ArcLine Outdoor Optic 12A	12	-	-	-	12	-	-
ArcLine Outdoor Optic 12 B	12	-	-	12	-	-	-
ArcLine Outdoor Optic 12 SW	12	-	-	-	-	6	6
ArcLine Outdoor Optic 18 RGB	18	6	6	6	-	-	-
ArcLine Outdoor Optic 18 RAWW	18	6	-	-	6	-	6
ArcLine Outdoor Optic 18 CW	18	-	-	-	-	-	-
ArcLine Outdoor Optic 18 WW	18	-	-	-	-	-	18
ArcLine Outdoor Optic 18 R	18	18	-	-	-	-	-
ArcLine Outdoor Optic 18 G	18	-	18	-	-	-	-
ArcLine Outdoor Optic 18 A	18	-	-	-	18	-	-
ArcLine Outdoor Optic 18 B	18	-	-	18	-	-	-
ArcLine Outdoor Optic 24 RGB	24	8	8	8	-	-	-
ArcLine Outdoor Optic 24 CW	24	-	-	-	-	24	-
ArcLine Outdoor Optic 24 WW	24	-	-	-	-	-	24
ArcLine Outdoor Optic 24 R	24	24	-	-	-	-	-
ArcLine Outdoor Optic 24 B	24	-	-	24	-	-	-
ArcLine Outdoor Optic 24 SW	24	-	-	-	-	12	12
ArcLine Outdoor Optic 36 RGB	36	12	12	12	-	-	-
ArcLine Outdoor Optic 36 RAB	36	12	-	12	12	-	-
ArcLine Outdoor Optic 36 RAWW	36	12	-	-	12	-	12
ArcLine Outdoor Optic 36 CW	36	-	-	-	-	36	-
ArcLine Outdoor Optic 36 WW	36	-	-	-	-	-	36
ArcLine Outdoor Optic 36 R	36	36	-	-	-	-	-
ArcLine Outdoor Optic 36 G	36	-	36	-	-	-	-
ArcLine Outdoor Optic 36 A	36	-	-	-	36	-	-
ArcLine Outdoor Optic 36 B	36	-	-	36	-	-	-
ArcLine Outdoor Optic 36 SW	36	-	-	-	-	18	18

3. Technical specifications

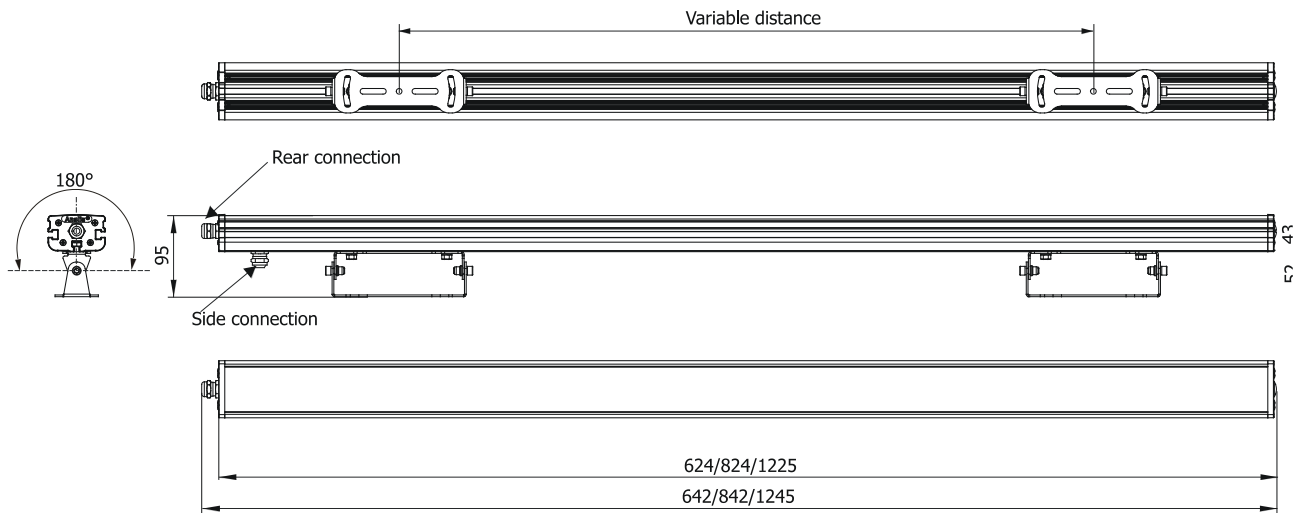
ArcLine Outdoor Optic	3	6	8	12	18	24	36
Max. Input Current per Colour	-II-	-II-	-II-	-II-	350 mA	-II-	-II-
Total Max. Power Consumption:	3.4W	6.8 W	9W	13.6 W	20.4 W	27.2 W	40.8 W
Number of LEDs:	3	6	8	12	18	24	36
Max. input voltage:	-II-	-II-	-II-	-II-	48V DC	-II-	-II-
Operating Ambient Temp.Range:	-II-	-II-	-II-	-II-	-20°C/+40°C	-II-	-II-
Cooling System:	-II-	-II-	-II-	-II-	convection	-II-	-II-
Optical Systems Available:	-II-	12°, 19°, 25°, 31°, 47°x11° for RGB, RGBW and single colour/16°, 25°, 28°, 35°, 45°x18° for WW, CW and SW variants			-II-	-II-	-II-
LED Device:	-II-	-II-	-II-	-II-	ProLight Opto Proeon	-II-	-II-
Typical Lumen Maintenance:	-II-	-II-	-II-	-II-	70%@ 50,000 hours	-II-	-II-
Led Life Expectancy:	-II-	-II-	-II-	-II-	minimum 50,000 hours	-II-	-II-
Construction:body	-II-	-II-	-II-	-II-	precision extruded aluminium	-II-	-II-
"U" holder	-II-	-II-	-II-	-II-	zincing steel	-II-	-II-
Transparent cover:	-II-	-II-	-II-	-II-	tempered glass	-II-	-II-
Weight:	0.5 kg	1.1 kg	1.25kg	2.1kg	3.1 kg	4.3 kg	6.4 kg
Ingress Protection:	-II-	-II-	-II-	-II-	Suitable for wet location	-II-	-II-
Flammability:	-II-	-II-	-II-	-II-	94HB flame class rating	-II-	-II-
Power /Data plug:	-II-	-II-	-II-	-II-	Chogori 08BMMA-SL8001	-II-	-II-
Power /Data cable type:	-II-	-II-	-II-	-II-	LiYY 8xAWG22 UL Style 2517/CSA O.D. 6,70mm	-II-	-II-
Power /Data cable length:	-II-	-II-	-II-	-II-	0.5m	-II-	-II-
LED Colour Variants**	RGB,RAB,R,G,B,A,WW,CW,SW	RGB,RAB,R,G,B,A,WW,CW	RGB,RAB,R,G,B,A,WW,CW	RGB,RAB,R,G,B,A,WW,CW	RGB,RAB,R,G,B,A,WW,CW,SW	RGB,RAB,R,G,B,A,WW,CW,SW	RGB,RAB,R,G,B,A,WW,CW,SW

Note: -II- means the same data as at the ArcLine Outdoor Optic 18.

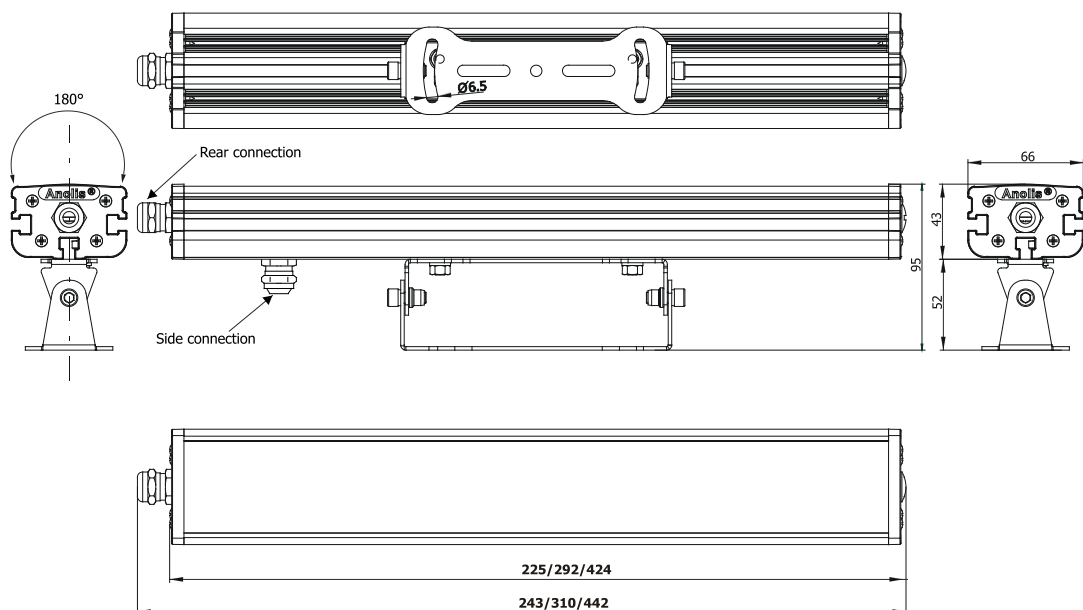
4. Dimensions

(All dimensions are in mm)

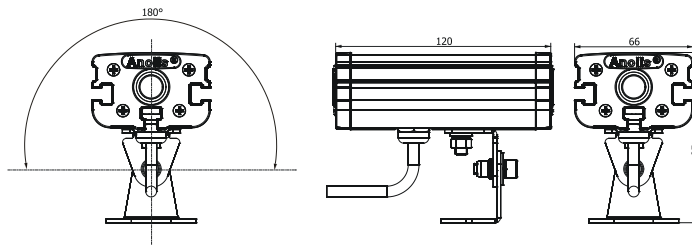
ArcLine Outdoor Optic 18/24/36



ArcLine Outdoor Optic 6/8/12



ArcLine Outdoor Optic 3



5. Accessories

- 1 x Allen key
- 1 x Splitter(P/N 13050690) for ArcLine Outdoor Optic 3/6/12/18 only
- 1 x Connector Chogori CGRBDU-08BFFA (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
- T-connector Chogori 8-pin (P/N 13051938), IP 67

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.

Version: 2.8_US

July 26, 2018

Specifications are subject to change without specification

Made in ROBE Lighting s.r.o., Palackého 416, 757 01 Valašské Meziříčí, Czech Republic