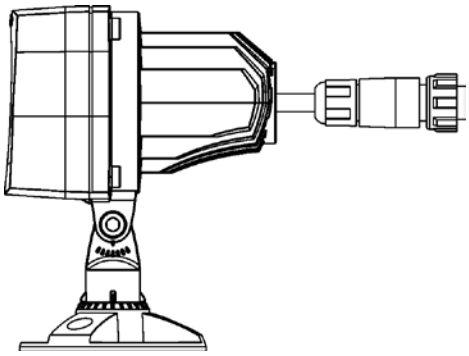
User instructions

ArcSource Outdoor 4 MC Pixel-CE

The Anolis ArcSource Outdoor 4 MC Pixel-CE is a multi-purpose, high-intensity RGBW LED node for generating a wide variety of effects without the limitations associated with a solid fixture unit.The unit´s high light output can be pixel mapped and therefore can be controlled and used for large scale matrix applications, as well as used for individual illuminating needs.



1.Attention

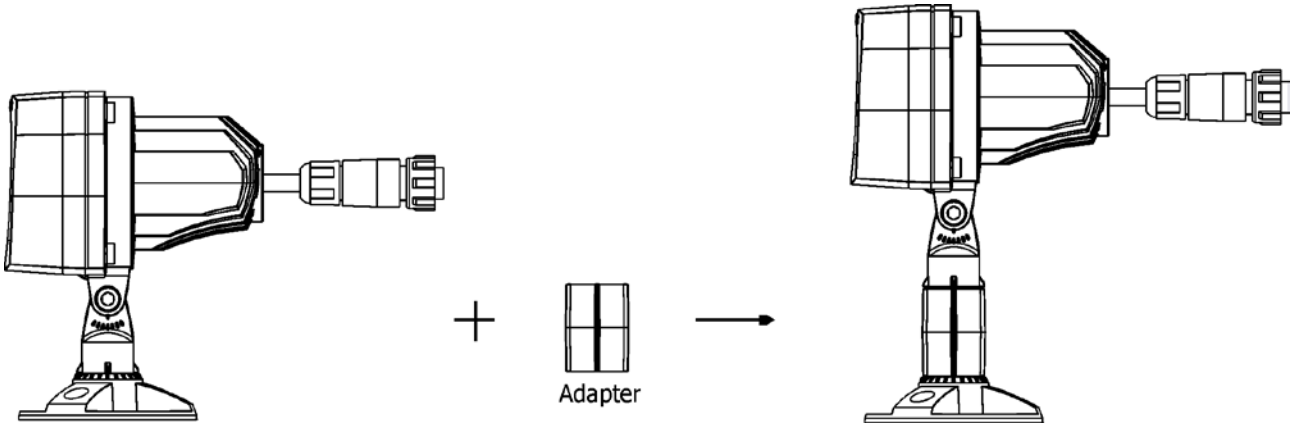
Consider the respective national norms during the installation!
Do not install the module near high inflammable liquids or materials
Do not allow anything to rest on the module
Do not install the unit near naked flames.
Avoid using the unit in locations subject to possible impacts.
Do not attempt to dismantle or modify the unit.
Do not install the module in badly ventilated location

2.Installation

The ArcSource Outdoor 4 MC Pixel can be arranged in any position orientation. Three holes of diameter of 4.3mm in the ArcSource Outdoor´s base serve for mounting on the non-flammable surface. The light head can be adjusted against the base in range of 120°.The ArcSource Outdoor 4 MC Pixel unit should be connected to the ArcPixel Power-CE. See the ArcPixel Power-CE user manual for full details of mains power requirements, DMX operation and installation. As the ArcSource Outdoor 4 MC Pixel-CE is equipped with one input cable only, the T-connector Chogori has to be used for connecting ArcSource Outdoor 4 MC Pixel modules each other.

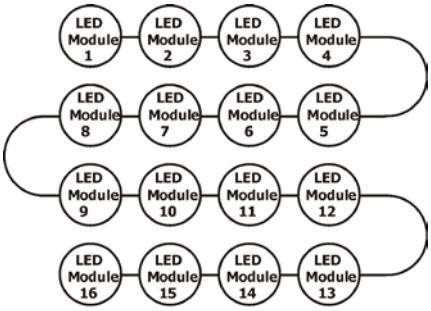
CAUTION!
Avoid looking directly into the LED light beam at close range!

The enclosed adapter stand (with M5x45 screw) allows to place light head higher:

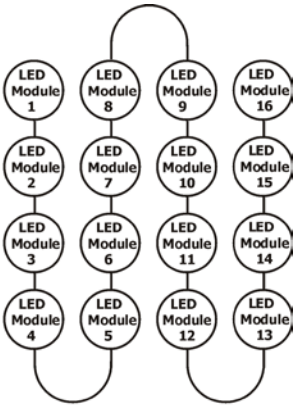


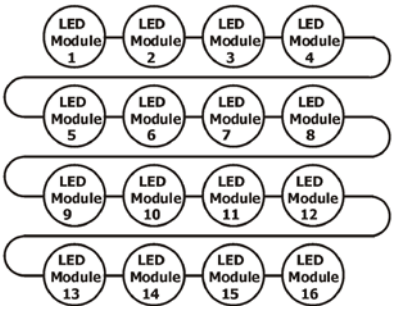
Use the following way for connecting of the ArcSource Outdoor 4 MC Pixel-CE only (examples for matrix of 4x4):

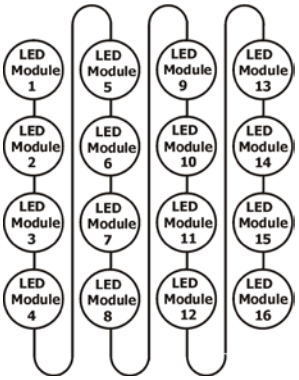
Horizontal sorting



Vertical sorting

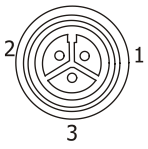






3. Wiring of the ArcSource Outdoor 4 MC Pixel-CE connector

Chogori CGRBB-03BMMA-SL8001 (male)



1 GND (blue wire)
2 +48V (red wire)
3 Data (orange wire)

4.Technical specifications

LED device:	Osram Ostar RGBW multichip
Max. current per colour:	520 mA
Maximum power consumption:	5.5 Watts/48V
Compatible power supply:	ArcPixel Power-CE
Available beam angles:	7°, 24°, 35°, 7°x42°, 42°x 7°
Led life expectancy:	minimum 50.000 hours
Cooling system:	convection
Operating ambient temp. range:	-20°C/+45°C
Housing:	alluminium
Weight:	0.62 kg
Mounting:	via 3 holes in the base
Ingress protection:	IP 65
Data cable:	Li9Y11Y, 2xAWG16+1xAWG 20 ,open ended (length according requirement, standard 0.5m)

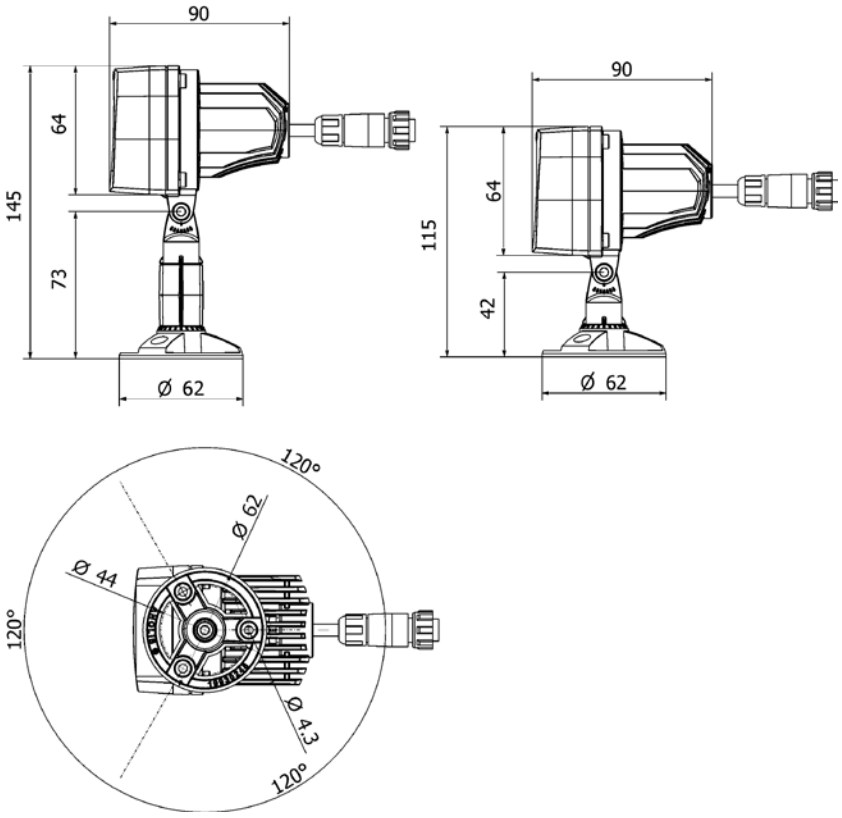
5. Accessories

1x Adapter stand (P/N 19730251)
1x Screw M5x45
1x Allen key 4

6. Optional accessories (quantity depends on size of installation)

(P/N 13051562) Connector Chogori CGRBB-03BMMA-SL8001 (male)
(P/N 13051564) T-connector Chogori T-CGRBA-030303FFM-TS
(P/N 1305 2023) Connection cable, 2m
(P/N 1305 2024) Connection cable, 4m
(P/N 1006 2330) Active Terminator for ArcDot
(P/N 1006 2331 Passive Terminator for ArcDot
(P/N 1305 1703) Ferrite GTFC 16-8-16
(P/N 10980273) Top hat ArcSource Outdoor 4 MC
(P/N 10980253) Half top hat ArcSource Outdoor 4 MC

6. Dimensions (mm)



7. Installing a top hat

1. Unscrew two screws (1) with washers (2) from the ArcSource Outdoor 4 MC housing and place the top hat (3) on the ArcSource Outdoor 4 MC.
2. Screw the top hat (3) onto the ArcSource Outdoor 4 MC with two screws (1) and two washers (2) using a tightening torque of 4Nm. Check that all screws are firmly screwed.