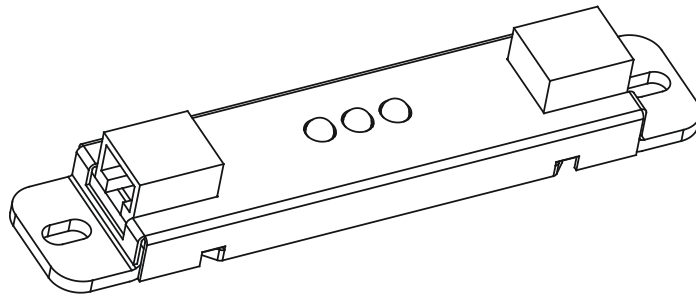# User instructions

ArcLink 3 / ArcLink Optic 3

The modules generate light by means of Luxeon LEDs.The products were designed to use with the ArcPower drivers and for indoor use only.
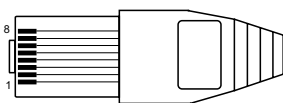

1.Attention:

Do not install the module near high inflammable liquids or materials
Do not allow anything to rest on the module
Do not use the module near high humidity or water or expose to the rain
Do not install the module near the naked flames
Do not install the module in dirty,dusty or badly ventilated location

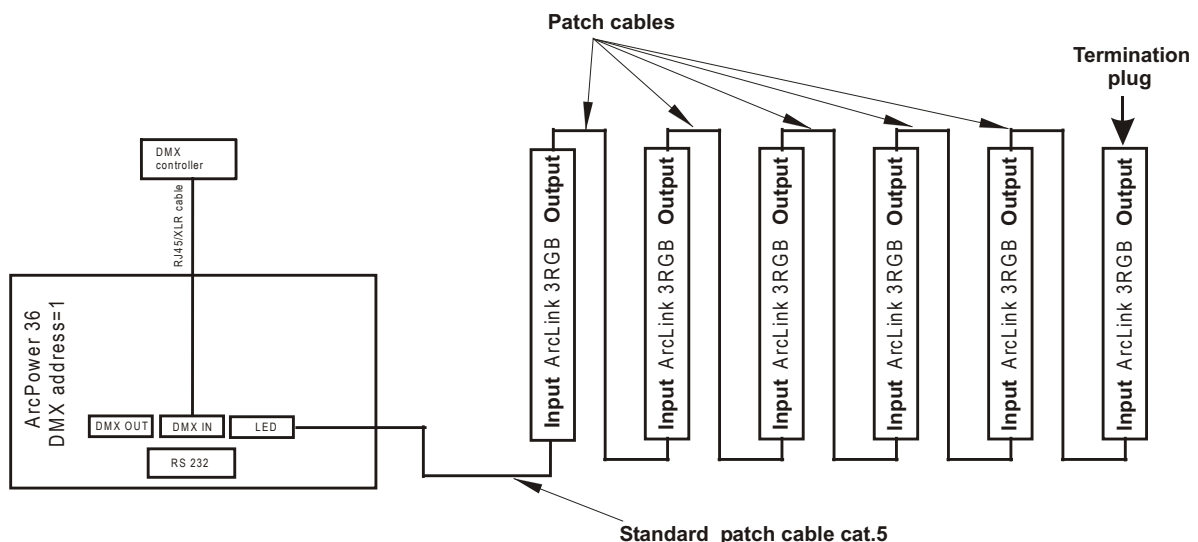## 2.ArcLink 3 connections:

RJ45 termination plug:
(View facing pins)

Wiring of patch cables which connect ArcLink modules each other:

Jumpers:
1------ 5
2------ 8
3------ 7
4------ 6

1------ 8
2------ 7
3------ 6
4------ 5
5------ 4
6 ----- 3
7------ 2
8 ----- 1

3.Installation:

The ArcLink units should be connected to the ArcPower driver according to the LEDs colour variants (RGB,WW,CW...).
See ArcPower 36 ,ArcPower 144 (or ArcPower SmartWhite 36,ArcPower SmartWhite 144) user manuals for full details of mains power requirements and DMX operation.
Patch cable that connect ArcPower driver with the ArcLink 3 is a standard network cable category 5 used for connection between computer and HUB (wired 1:1, that is, pins with the same numbers are connected together).

Maximum number of ArcLink units connected the ArcPower 36/ArcPower SmartWhite 36 (or one LED output of the ArcPower 144/ArcPower SmartWhite 144) is 12.

Warning: Every LED module has input and output connector and they cannot be interchanged.
There is a terminating plug connected at last LED module-see picture above.
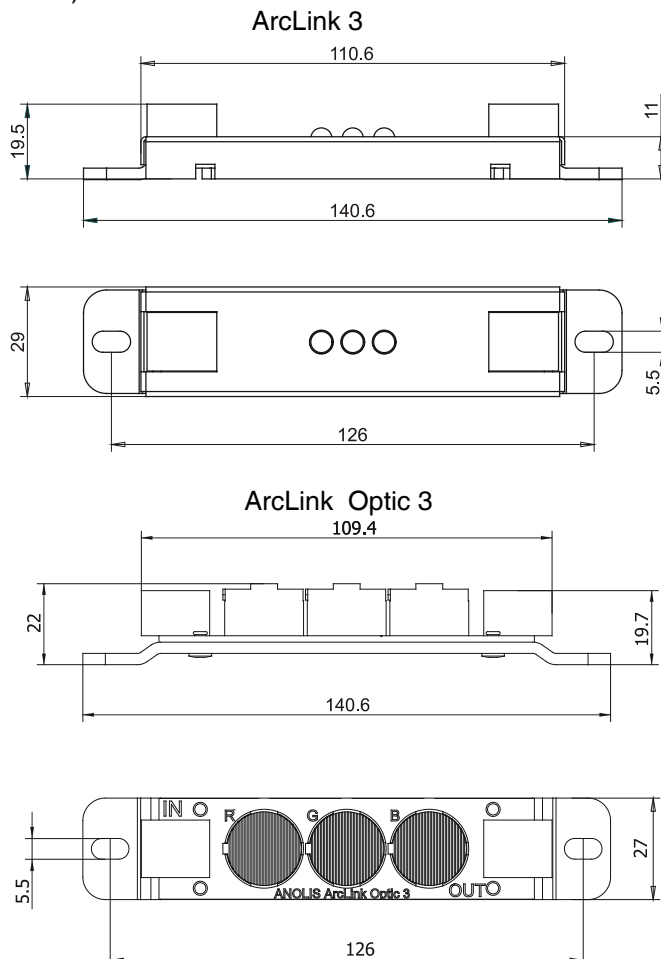
<div style="border:1px solid black">

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

</div>

4.Technical specifications:

	ArcLink 3	**ArcLink Optic 3**
Max input current:	350 mA	350 mA
Maximum Power Consumption:	3.4 watts	3.4 watts
Power /Data Connection:	RJ45	RJ45
Comp. Power Supplies for RGB ,WWCWA variants:	ArcPower 36,ArcPower 144	ArcPower 36,ArcPower 144
Comp. Power Supplies for single colour variants:	ArcPowerSmartWhite 36,144	ArcPowerSmartWhite 36,144
Operating Ambient Temp.Range:	-20°C/+40°C	-20°C/+40°C
Operating Temperature:	+50°C@ambient 25°C	+50°C@ambient 25°C
Cooling System:	convection	convection
Led device:	1 W Luxeon	1 W Luxeon
Optical System:	170°	6°,15°,25°,38°,6°x25°
Typical Lumen Maintenance:	70%@ 50,000 hours	70%@ 50,000 hours
Led Life Expectancy:	minimum 50,000 hours	minimum 50,000 hours
LED colour variants:	RGB,R,G,B,A,CW,WW	RGB,R,G,B,A,CW,WW
Construction:	alluminium base	alluminium base
Weight:	0.05 kg	0.05 kg

5.Dimensions:
(All dimensions are in mm)

ArcLink 3

ArcLink Optic 3

6. Accessories

      - ArcLink 3 (Arclink Optic 3)...6 pcs
      - ArcLink 3 patch cable (No.13050859)........................5 pcs
      - RJ 45 termination plug (No.13050860)......................1 pcs

7. Maintenance

Isolate from power before accessing.
- Keep the module dry.
- From time to time visually inspect LED modules for any obvious faults.
- Periodically clean the LEDs.Use a moist, lint-free cloth. Never use alcohol or solvents.

Version 2.1
Specifications are subject to change without notice.