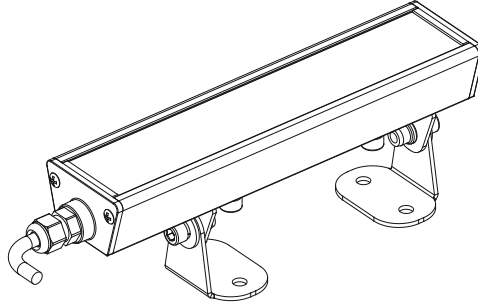


## User instructions

### ArcLine Optic 6

The module generate colored light by means of Luxeon LEDs. The product was designed to use with the ArcPower drivers and for indoor use only.



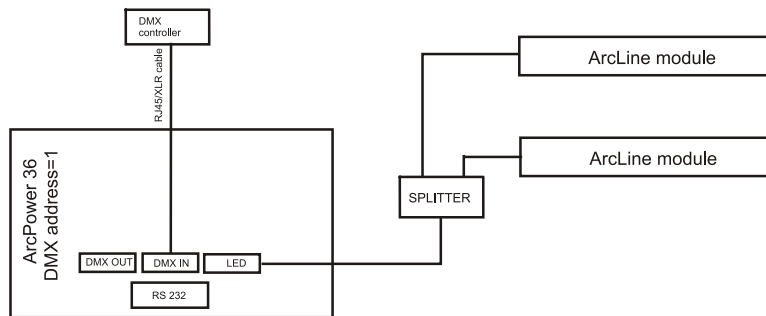
#### 1.Attention

- 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.Installation

The ArcLine Optic unit should be connected to the ArcPower driver according to the LED colour variants (RGB,WW,CW...).

See the ArcPower 36/72/144/360/384 R.M./16x6/16x12 (or their smartwhite variants) user manuals for full details of mains power requirements and DMX operation.



ArcLine Optic units are supplied with 1.5 m of cable for direct connection to the ArcPower drivers.

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

Maximum possible number of LED modules connected to the one ArcPower 36 (or one LED output of the ArcPower 72/144/360) is mentioned in the table below.

Module (colour variant)	Total LEDs	Red LEDs	Green LEDs	Blue LEDs	Amber LEDs	Cool white LEDs	Warm white LEDs	Max.number of connected modules	Compatible power supplies
ArcLine Optic 6 RGB	6	2	2	2	-	-	-	6	ArcPower 36/72/144/360/ /384 R.M./16x6/16x12
ArcLine Optic 6 CW	6	-	-	-	-	6	-	6	ArcPower SmartWhite 36/72 ArcPower SmartWhite 144/360
ArcLine Optic 6 WW	6	-	-	-	-	-	6	6	ArcPower SmartWhite 36/72 ArcPower SmartWhite 144/360

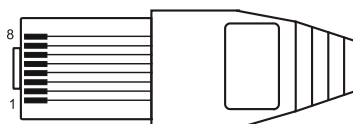
Module (colour variant)	Total LEDs	Red LEDs	Green LEDs	Blue LEDs	Amber LEDs	Cool white LEDs	Warm white LEDs	Max.number of connected modules	Compatible power supplies
ArcLine Optic 6 R	6	6	-	-	-	-	-	6	ArcPower SmartWhite 36/72 ArcPower SmartWhite 144/360
ArcLine Optic 6 G	6	-	6	-	-	-	-	6	ArcPower SmartWhite 36/72 ArcPower SmartWhite 144/360
ArcLine Optic 6 B	6	-	-	6	-	-	-	6	ArcPower SmartWhite 36/72 ArcPower SmartWhite 144/360
ArcLine Optic 6A	6	-	-	-	6	-	-	6	ArcPower SmartWhite 36/72 ArcPower SmartWhite 144/360

### 3.RJ45 pin connection

#### Colour variants

Pin	Colour of wire	<u>RGB</u>	<u>Single colour</u>
1	white/orange	Red LED +	LED 1+
2	orange	Green LED +	LED 2+
3	white/green	Blue LED +	LED 3+
4	blue	Not used	Not used
5	white blue	Red LED -	LED 1-
6	green	Green LED -	LED 2-
7	white/brown	Blue LED -	LED 3-
8	brown	Not used	Not used

RJ45 plug  
(View facing pins)



### 4. Technical specifications:

Max input current:	350 mA
Maximum Power Consumption:	6.8 watts
Compatible Power Supplies for RGB,RAB variants:	ArcPower 36/72/144/360/384 Rack Mount/16x6/16x12/
Compatible Power Supplies for single colour variants:	ArcPower SmartWhite 36/72/144/360
Operating Ambient Temp.Range:	-20°C/+40°C
Operating Temperature:	+50°C@ambient 25°C
Cooling :	convection
Beam angle (RGB,RGBW, Single c.):	10°,20°,30°,31°,47°x 11°
Beam angle (WW, CW,SW.):	15°,25°,31°,37°, 44°x 17°
LED Device:	1Watt Luxeon
LED Colour Variants *:	RGB,R,G,B,A,CW,WW
Warm White LEDs (WW):	3300 K
Cool White LEDs (CW):	6500 K
Typical Lumen Maintenance:	70%@ 50,000 hours
Led Life Expectancy:	minimum 50,000 hours
Construction:	precision extruded alluminium
Weight:	0.48 kg
Installation method:	Integral univers. mount. system
Ingress Protection:	IP 2X
Flammability:	94HB flame class rating
Power /Data plug:	RJ45
Power /Data cable	24 AWG x 4P,category 5e

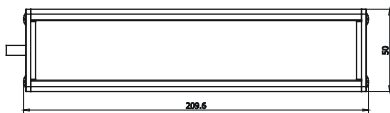
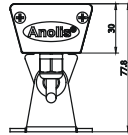
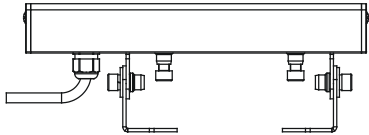
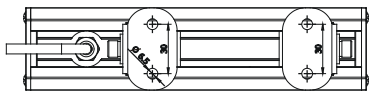
\* RGB - red&green&blue;R- red;B-blue;G-green,A-Amber,CW-cool white;WW-warm white;

The above-mentioned model is available with the side power supply connection or rear power supply connection.

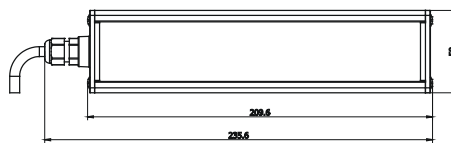
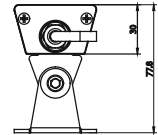
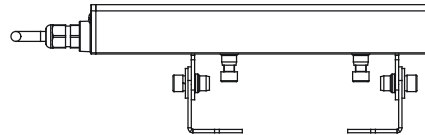
## 5. Dimensions:

(All dimensions are in mm)

rear power supply connection



side power supply connection



## 6. Accessories

- Allen key.....1 pcs
- Splitter (No. 13050690).....1 pcs

## 7. Maintenance

- Keep the module dry.
- Operate only in places where the sufficient airflow to cool the module is present
- Periodically clean the front transparent cover. Use a moist, lint-free cloth. Never use alcohol or solvents!