User instructions

ArcPad 48

The product generates colored light by means of Luxeon LEDs.The product was designed for exterior use and it is ideal for locations where the effect lighting is required.
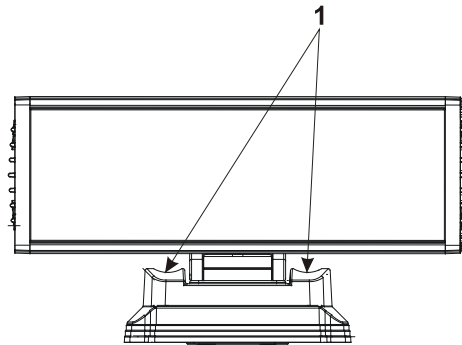
1.Attention:

    During the operation the housing becomes hot (up to 85°C)
    Do not install the module near high inflammable liquids or materials
    Do not allow anything to rest on the module
    Do not install the module near the naked flames
    The unit is not suitable for underwater installation
    Do not install the module in dirty,dusty or badly ventilated location
    Avoid using the unit in locations subject to possible impacts.
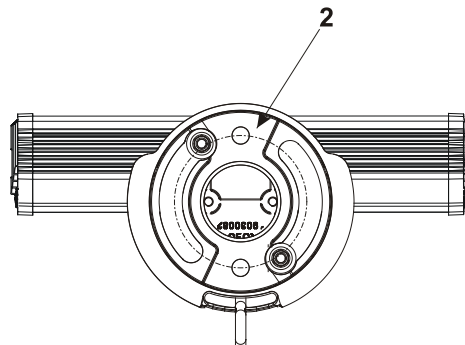   Avoid looking directly into the LED light beam at close range.

2.Installation

The ArcPad 48 unit can be arranged in any position orientation.The ArcPad´s head is mounted on an adjustable bracket for "tilt" adjustment into many positions.
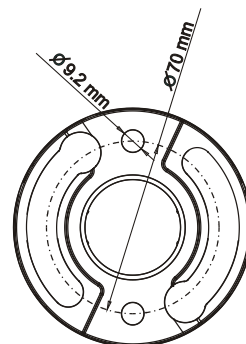
To fix the unit.

1. Loosen both pan screws (1) in the fixture base.

2. Turn the internal adjustable holder (2) to the position as shown on the picture and take it out from the base.
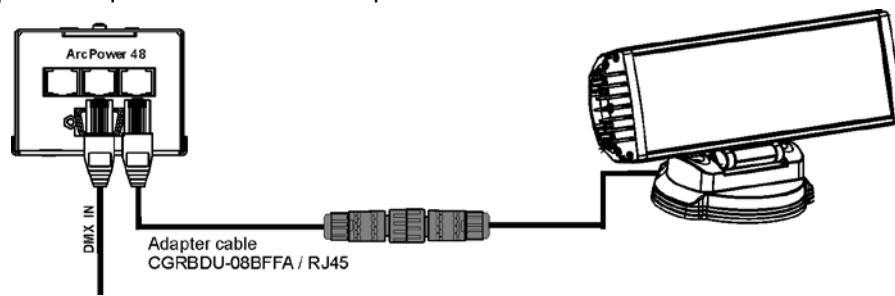
3. Fasten the internal holder on the non-flammable surface via 2 mounting holes of diameter of 9.2 mm.
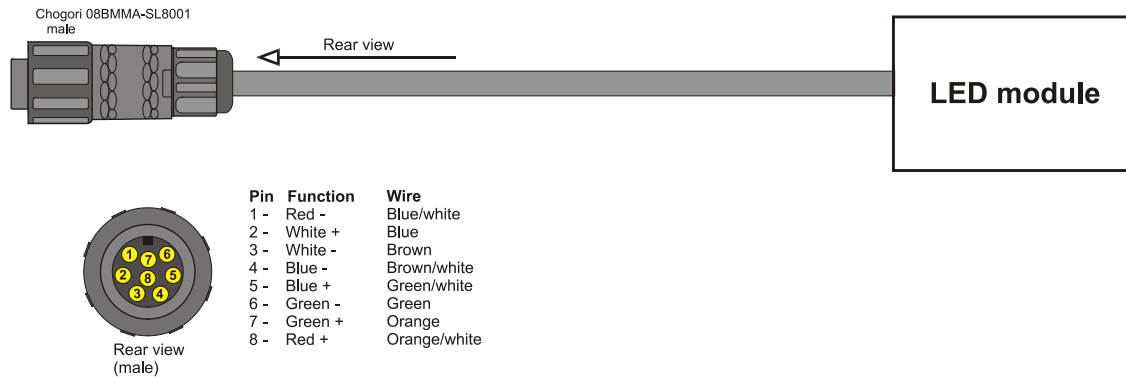
4. Put the base of the fixture on the internal holder (2) ,adjust its desired pan position and tighten both pan screws (1). Adjust suitable tilt position.

The ArcPpad 3•48 should be connected to the ArcPower 48 driver. See the ArcPower 48 user manual for full
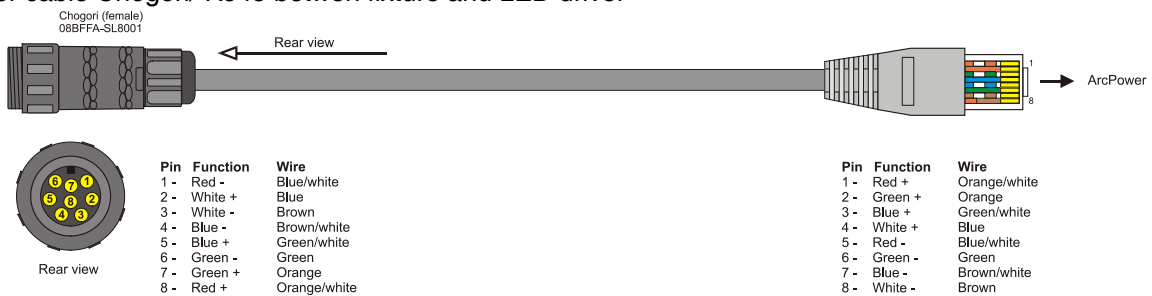
details of mains power requirements and DMX operation.

Connect the ArcPad 48 ´s cable to the ArcPower 48 via the adapter cable Chogori/RJ45. The power/data cable that connect the ArcPad 48 to the ArcPower48 has the following wiring:

Chogori 08BMMA-SL8001 male

Rear view

LED module

Pin	Function	Wire
1 -	Red -	Blue/white
2 -	White +	Blue
3 -	White -	Brown
4 -	Blue -	Brown/white
5 -	Blue +	Green/white
6 -	Green -	Green
7 -	Green +	Orange
8 -	Red +	Orange/white

Rear view
(male)

Adapter cable Chogori/ RJ45 betwen fixture and LED driver

Chogori (female) 08BFFA-SL8001

Rear view

ArcPower

Rear view

Pin	Function	Wire
1 -	Red -	Blue/white
2 -	White +	Blue
3 -	White -	Brown
4 -	Blue -	Brown/white
5 -	Blue +	Green/white
6 -	Green -	Green
7 -	Green +	Orange
8 -	Red +	Orange/white

Pin	Function	Wire
1 -	Red +	Orange/white
2 -	Green +	Orange
3 -	Blue +	Green/white
4 -	White +	Blue
5 -	Red -	Blue/white
6 -	Green -	Green
7 -	Blue -	Brown/white
8 -	White -	Brown

3.Technical specifications:

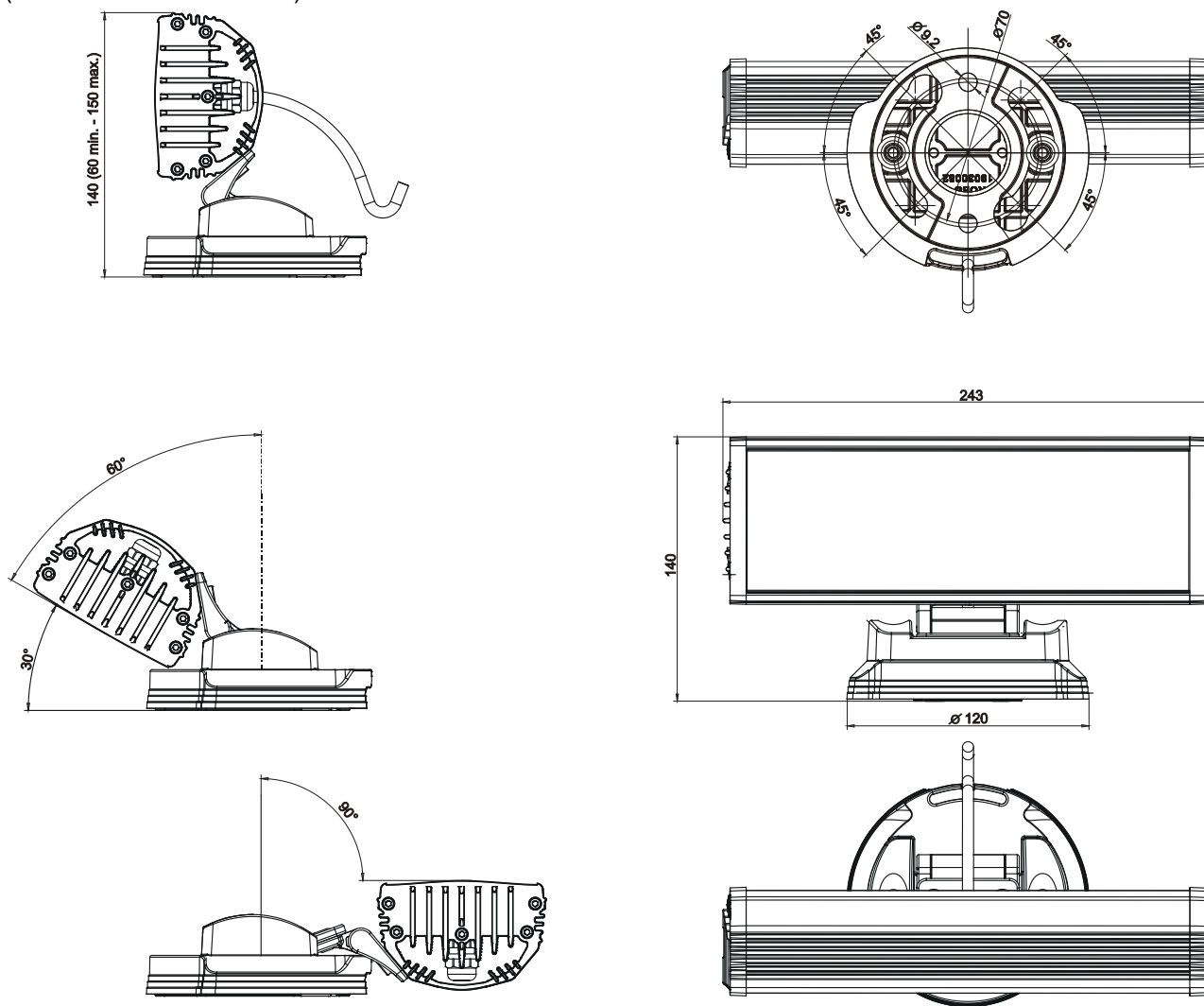|	
Maximum Power Consumption:	60 W
Comp. Power Supply for RGBW version:	ArcPower 48, ArcPower 384 Rack Mount*
Comp. Power Supply for single colour and SW version:	ArcPower 48 SmartWhite
Operating Ambient Temp.Range:	-20°C/+40°C
Cooling System:	convection
Led device:	Luxeon Rebel
Number of LEDs	48
Optical System Available:	13°, 26°, 45°, 13° x 38°
Typical Lumen Maintenance:	70%@ 60,000 hours
Led Life Expectancy:	minimum 60,000 hours
Operating Temperature:	+70°C@ambient 25°C
Ingress Protection:	IP 67
Construction:	
Body:	cast aluminium
Base:	cast aluminium
Transparent cover:	tempered glass
"tilt" range:	+60°/-90°
"pan" range:	+45°/-45°
Power /Data Connection plug:	Chogori 08BMMA-SL8001 (male)
Power /Data Connection cable:	LiYY 8xAWG22 UL Style 2517/CSA O.D. 6,70mm)
LED Colour Variants *:	RGBW, CW, WW, SW

* Important: If the ArcPower 384 Rack Mount is used for control of the ArcPad 48, two rules has to be kept:

1. The <u>LEDs power limiting has to be set On</u> at zone for which is the ArcPad 48 connected (menu path: Personality-->LEDs Power Limiting --> Zone ... Zone 8 --> On).

2. The LEDs output current has to be set on 700mA at zone for which is the ArcPad 48 connected (menu path: Personality-->LEDs Output Current --> Zone ... Zone 8 --> 700mA).

Breach of the rule no. 1 may cause overheating of the LED module!

4.Dimensions:

(All dimensions are in mm)

5. Accessories

1 x Connector Chogori CGRBDU-08BFFA (female)

6. Optional Accessories

Adapter cable CGRBDU-08BFFA/RJ4 RJ45, L=3m (No. 13051630)
Adapter cable CGRBDU-08BFFA/RJ4 RJ45, L=7m (No. 13051631)
Adapter cable CGRBDU-08BFFA/RJ4 RJ45, L=15m (No. 13051682)

Specifications are subject to change without notice.
Version: 1.5