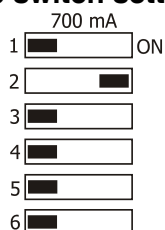# User instructions

ArcPower 12

> **The ArcPower 12 is intended for the ArcSource 12 single colour modules with a <u>special wiring</u> (smartwhite) only.**
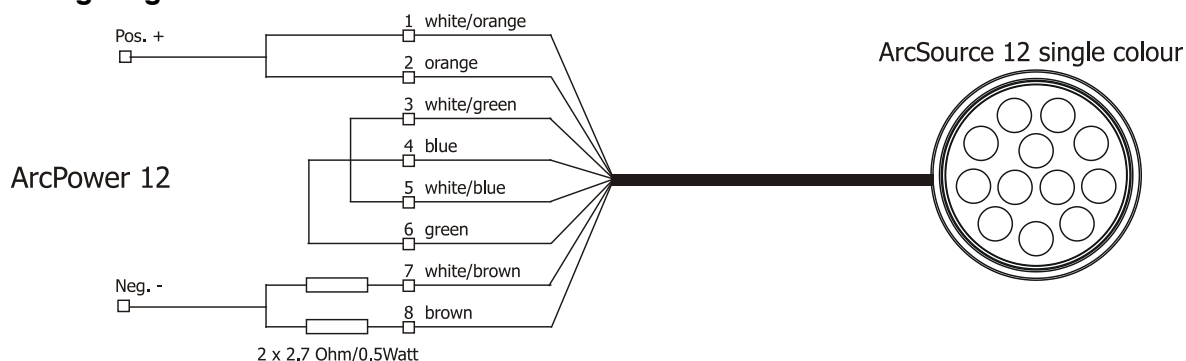
1.Attention

1. The ArcPower 12 must be installed by qualified electricians only.
2. Switch off the power supply before installation!
3. Switch off the power supply and wait five seconds before making any change in the secondary circuit! (e.g. replacing LED module).
4. When switching to a 700mA output current, switch off the power supply!
5. Make sure that the current of 700mA is set before connecting the ArcSource 12 LED module!
6. Check the LED module connection. If incorrectly connected, it can be damaged!
7. The ArcPower 12 is designed for indoor use only!

2. Dip switch settings

3. Wiring diagram

4.Technical specifications

Input voltage: 230/240V AC, 50/60 Hz
Power consumption@235V/50Hz: 18W (30VA), I=120mA, power factor=0,61
Max. current output: 700mA
Max. load: 1 x ArcSource 12
Intended for single colour LED modules:ArcSource 12 R, ArcSource 12 G, ArcSource 12 B, ArcSource 12 A, ArcSource 12 WW, ArcSource 12 CW
Protections: Thermal, short circuit, overvoltage, open circuit
Terminals Pri/sec: Screw connection
Max.housing temperature: <85°C
Ambient operating temperature range: -20°C/ +40°C
Colour: Grey
Dimensions: 111 x 52 x 24mm
Weight: 105 g

Version 1.1 February 11, 2009
Specifications are subject to change without notice.