



**RGBA**

**Archiled<sup>150</sup>LED**

**User's and operator's manual for art. 0701/07011  
Manuale d'uso e dell'operatore per art. 0701/07011**

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**WARNING****SAFETY INFORMATION (service personnel)**

READ ALL CAUTIONS AND WARNINGS PRIOR TO OPERATE THIS EQUIPMENT.  
INSTRUCTION TO PREVENT INJURY OR DAMAGE DUE TO ELECTRIC SHOCK, FIRE, MECHANICAL HAZARDS,  
DANGEROUS MATTERS.

**•PROTECTION AGAINST DANGEROUS MATTERS**

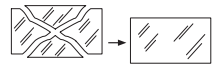
At the end of its working life, the product must not be disposed of as urban waste. It must be taken to a special local authority differentiate waste collection centre or to a dealer providing this service. The wrong disposal must be cause of environment and people damages in the presence of possible dangerous matters. There are provided for sanctions to a unauthorized disposal of these products.

**•PROTECTION AGAINST FIRE**

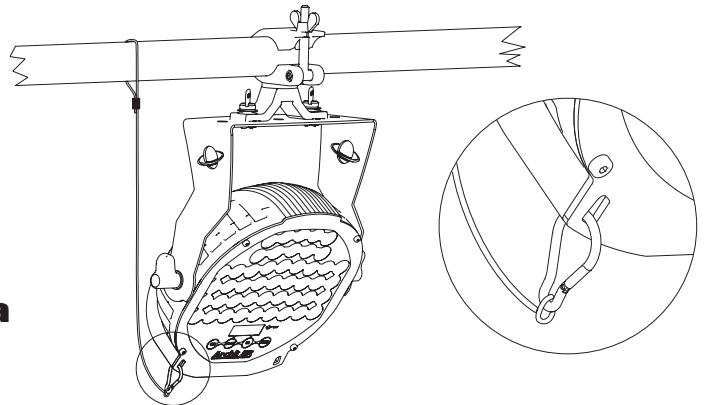
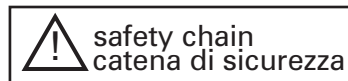
- 1) Maintain minimum distance of 0.2 meter from walls or any other type flammable surfaces.
- 2) Maintain minimum distance of 0.2 meter to lighted objects .
- 3) Replace fuses (if present) only with the specified type and rating.
- 4) Do not install the spot close to heat sources. Do not lay the connection cable on the spot when it is warm.
- 5) Fixture designed to be installed on normally flammable surfaces.

**•PROTECTION AGAINST ELECTRIC SHOCK**

- 1) **This equipment must be earthed.**
- 2) Class I equipment. The power supply cord includes a protective earthing conductor as part of the cord.
- 3) Disconnect power before servicing (service personnel).

**•PROTECTION AGAINST MECHANICAL HAZARDS**

- 1) Use secondary safety chain when fixing this equipment.
- 2) Equipment surface may reach temperature up to 70°C.
- 3) The protection screens and the lenses must be replaced with genuine parts only if they are visibly damaged and their effectiveness has been reduced, for example, by cracks or deep scratches.



ita

**IMPORTANTE****INFORMAZIONI DI SICUREZZA (personale di servizio)**

LEGGERE ATTENTAMENTE TUTTI GLI AVVERTIMENTI PRIMA DI COMPIERE QUALUNQUE OPERAZIONE SU QUESTO APPARECCHIO. ISTRUZIONI PER PREVENIRE LESIONI O DANNI DOVUTI AL FUOCO, ALLE SCOSSE ELETTRICHE, AI RISCHI MECCANICI ED A SOSTANZE PERICOLOSE.

**•PROTEZIONE CONTRO SOSTANZE PERICOLOSE**

Questo prodotto a fine vita è oggetto di raccolta separata, non gettare nei comuni cassonetti di rifiuti urbani, né tantomeno nell'ambiente. Può essere consegnato presso gli appositi centri di raccolta differenziata predisposti dalle amministrazioni comunali, oppure presso i rivenditori che forniscono questo servizio. Lo smaltimento errato può causare danni alle persone e all'ambiente per la possibile presenza di sostanze pericolose. Sono previste sanzioni in caso di smaltimento abusivo dei suddetti prodotti.

**•PROTEZIONE CONTRO IL FUOCO**

- 1) Mantenere la distanza minima di 0.2 metri da pareti ed altre superfici infiammabili.
- 2) Mantenere la distanza minima di 0.2 metri dagli oggetti illuminati.
- 3) Sostituire i fusibili (se presenti) solo con altri dello stesso tipo e valore.
- 4) Non installare il faro vicino fonti di calore. Non appoggiare il cavo di connessione sul faro quando questo è caldo.
- 5) Questo apparecchio è adatto per il montaggio su superfici normalmente infiammabili.

**•PROTEZIONE CONTRO SCOSSE ELETTRICHE**

- 1) **Questo apparecchio necessita di messa a terra.**
- 2) Apparecchio di Classe I. Il conduttore di protezione deve far parte del cavo di alimentazione.
- 3) Disconnettere l'alimentazione prima di aprire l'apparecchio (personale di servizio).

**•PROTEZIONE CONTRO RISCHI MECCANICI**

- 1) Usare la catena di sicurezza supplementare quando installate il faro.
- 2) La temperatura dell'apparecchio può raggiungere 70°C.
- 3) Gli schermi di protezione e le lenti devono essere sostituiti sempre con ricambi originali se sono visibilmente danneggiati e se la loro efficacia è stata ridotta, per esempio, da fessure o incisioni profonde.



## INTRODUCTION

Thanking for using ArchiLed.

ArchiLed 150 is an RGB+Amber flood projector, which has been created for static architectural purpose. It's small and compact size to reduce visual obstruction but without reducing performance, is flexible for mounting on poles, walls, bridge or on the ground.

- Art. 0701 RGBA ArchiLed150/C (rgb+amber)
- Art. 07011 W+A ArchiLed150/C (white+amber)

To make the most of its possibilities and for a correct functioning of this unit in the years to come, we suggest you to read carefully this manual before connecting or putting the spot into use. By doing so you will gain experience with its commands and connections and you will be easily able to use it.

## YOUR REFERENCE

Always remember to give the serial number and to specify the model any time you address the seller for information or assistance.

## BASIC KIT

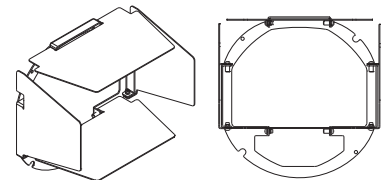
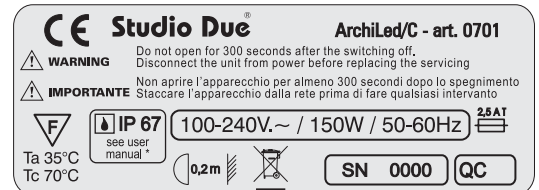
- Projector
- 2 WEIPU/XRL connectors 4 pin (INDOOR USE ONLY) male and female
- User's manual
- Studio Due warranty

On request:

Art. 0701/a: Barndoor for ArchiLed150

Art. AL-BASE: Base plate for ArchiLed150

Art. M/F WEIPU male and female connectors (IP67)



## WARNING

**Check that the spot has not been damaged during transport. If it has been damaged or it does not work, address the seller. Whether the spot has been shipped to you directly, please contact the shipping company. Only the consignee (person or company) can claim for these damages.**

## ita

## INTRODUZIONE

Vi ringraziamo per l' utilizzo dell'ArchiLed.

ArchiLed 150 è un proiettore LED RGB+Ambra progettato per installazioni architettoniche. E' piccolo, compatto e discreto nelle applicazioni ma senza pregiudicare le sue performance. E' particolarmente adatto per essere installato su pali, muri, ponti o a terra.

- Art. 0701 RGBA ArchiLed150/C (rgb+ambra)
- Art. 07011 W+A ArchiLed150/C (bianco+ambra)

Per ottenere il meglio delle prestazioni ed un corretto funzionamento negli anni di questa unità, Vi consigliamo di leggere attentamente questo manuale prima di collegarla e metterla in uso. In questo modo acquisirete familiarità con i suoi comandi e collegamenti affinché possiate facilmente utilizzarla.

## VOSTRA REFERENZA

Citate il numero del modello e di serie ogni volta che Vi rivolgete al vostro rivenditore per informazioni o assistenza.

## CONFEZIONE BASE

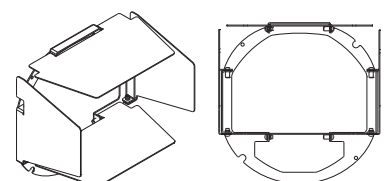
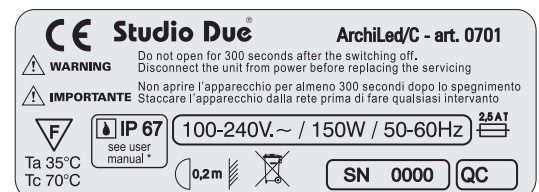
- Proiettore
- 2 connettori WEIPU/XRL a 4 pin maschio e femmina (SOLO PER USO INTERNO)
- Manuale d'uso
- Garanzia Studio Due

A richiesta:

Art. 0701/a: Alette paraluce per ArchiLed150

Art. AL-BASE: Base per installazione fissa ArchiLed150

Art. M/F WEIPU coppia connettori maschio e femmina (IP67)



## IMPORTANTE

**Controllate che l'apparecchio non abbia subito alcun danno durante il trasporto.  
Se avesse subito dei danni o se non dovesse funzionare, rivolgetevi al vostro rivenditore.  
Se l'apparecchio vi è stato spedito direttamente, rivolgetevi subito alla ditta di trasporto.  
Solo il destinatario (la persona o ditta ricevente l'apparecchio) può reclamare per questo tipo di danni.**

## TECHNICAL FEATURES / CARATTERISTICHE TECNICHE

3W Cree XLamp and high efficient lens allow a progressive and gradual coloring of the entire light beam, which can therefore continuously reach endless shades and color saturation. Rainbow effect.

Four color system (R+G+B) Hi- Power 3W LED + 8 bit colour correction (Amber)

I 3W Cree XLamp e le lenti ad alta efficienza garantiscono una colorazione progressiva e graduale dell'intero fascio di luce, garantendo così un'infinità di colori e una completa saturazione della luce. Effetto rainbow.

Sistema a 4 colori (R+G+B) ad alta potenza + correzione colore (Amber) a 8 bit.

|                         |                     |
|-------------------------|---------------------|
| LED/LED:                | (total 2.250 lumen) |
| 14 RED leds 3W (each)   | 770 lumen           |
| 12 GREEN leds 3W (each) | 840 lumen           |
| 12 BLUE leds 3W (each)  | 300 lumen           |
| 8 AMBER leds 1W (each)  | 340 lumen           |

### OPTIC/OTTICA

Diameter 22mm lenses, medium beam at 23°. Diametro lenti 22mm, ottica media 23°.

On request, narrow beam lenses at 10°, wide beam lenses at 45° and letter box lenses at 15 x 90° (horizontal or vertical)

A richiesta, kit ottica stretta 10°, kit ottica larga 45° e kit letter box 15 x 90° (orizzontale o verticale)

### CONTROL INPUT/SEGNALE DI CONTROLLO

Standard interface RS-485, opto-coupled input, protocol: USITT DMX 512 - 10 channels.

Interfaccia standard RS-485, ingresso opto-isolato, protocollo: USITT DMX 512 - 10 canali.

### SETUP & CONFIGURATION / CONFIGURAZIONE

Touch control panel with display and dynamic menus, 16 bit led dimming for precise color mixing. It's 16 built-in programs for Archiled can allow the fixture to work singularly or synchronize with other fixtures, also without DMX control, the user can obtain the required scenery by choosing the proper stored programs.

Touch control panel con menu dinamici, miscelazione colore precisa a 16 bit. 16 programmi residenti per poter utilizzare l'Archiled singolarmente o sincronizzato con altri apparecchi anche tramite centralina di controllo.

Possibilità di realizzare vari giochi di luce scegliendo il programma residente appropriato.

### DMX DATA CABLING

Outdoor type cable with rubber seals 2 conductor twisted pair plus a shield (24AWG or larger) suitable for EIA 485 (RS485) standard.

To avoid signal transmission problem, a cable for high-speed data transmission is necessary.

A 100-Ohm terminator resistor fitted between the two "data" lines (pin 2 and 3 of the 3 pins connector) at the end of cable.

The use of normal microphone or audio cable is suggested for cable connection that is shorter than 100 meter.

For cable connection longer than 150-200m, the use of a signal amplifier is suggested.

### IP RATE/GARDO DI PROTEZIONE

IP 67, (including connecting cables & connectors) the fixture in a fully closed housing (aluminium) with no ventilation fan depending only on convection currents to dissipate the heat from the LED.

IP 67, (inclusi i cavi di collegamento elettrico e DMX) l'apparecchio è completamente stagno senza ventilazione forzata ma con dissipazione del calore dei LED tramite il corpo in alluminio.

### STROBE/BLACKOUT/DIMMER

Blackout and strobe effect with linear speed (min. 0,5 flash/sec. max. 25 flash/sec.) + dimmer: 0÷100%

Oscuramento con effetto strobo a frequenza regolabile (min. 0,5 flash/sec. max 25 flash/sec.) + funzione dimmer: 0÷100%

### AUTO MODE/MODO AUTOMATICO

With Master/Slave functions / con funzione Master/Slave

TILT: Up to 210° of head rotation. Fino a 210° di rotazione della testa.

### MAINS POWER SUPPLY / ALIMENTAZIONE: (Electronic switching power supply / alimentatore elettronico universale)

• Rated voltage / Tensione di rete : 100-240 V ~ / 50-60 Hz

• Rated wattage / Assorbimento : 150 VA

WEIGHT/PESO : 7,7 Kg

DIMENSIONS/DIMENSIONI: (WxDxH) 327x125x345

### SAFETY

The safety specifications listed are valid only if Archiled is used in the proper way.

Maximum ambient temperature 40°.

Maximum exterior temperature 90°.

1 pc of thermal switch to cut off power supply.

### COMPLIANCE

Archiled is designed to comply with the following standard.

CE Marking

EN60598-1 Ed. VI (CEI34-23Ed. II)

EN60598-2-17 (CEI34-38II Ed. II)

EN61000-3-2/95

EN61000-3-3/95

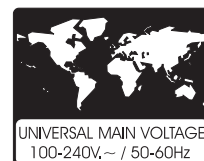
EN55015/93

EN50082-1/92

and therefore according to essential requirement of Directives:

LV 73/23 and 93/68 EEC

EMC89/336 AND 93/68 EEC



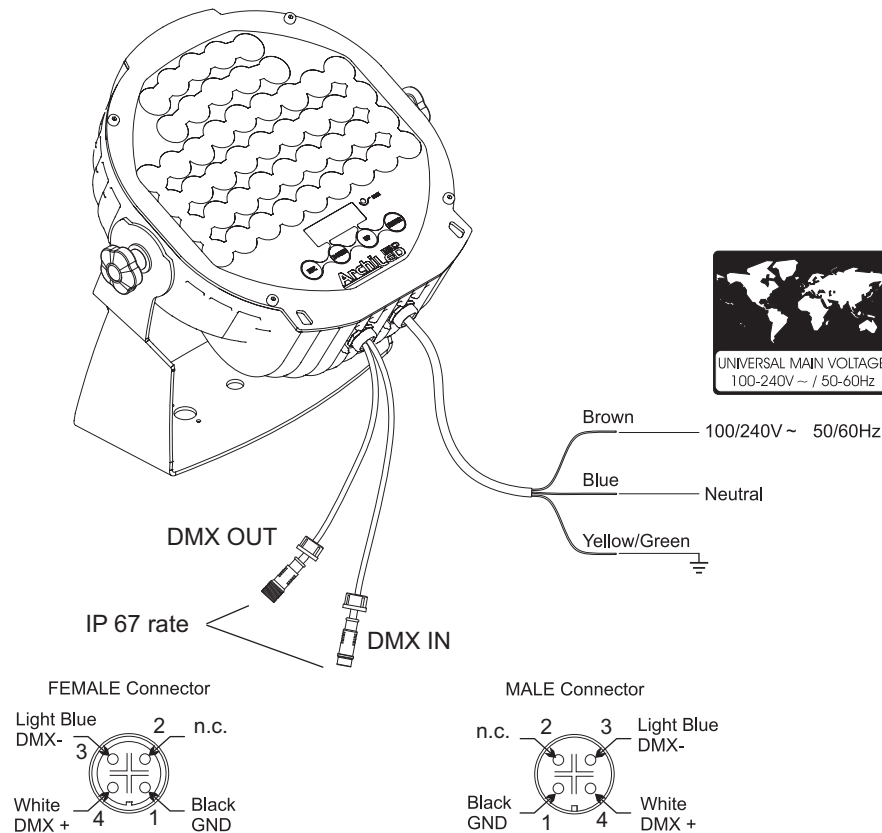
## CONNECTION TO THE MAIN POWER / CONNESSIONE ALLA RETE ELETTRICA

**eng**

This equipment must be earthed.  
Class I equipment. The power supply cord includes a protective earthing conductor as part of the cord.

**ita**

Questo apparecchio necessita di messa a terra.  
Apparecchio di Classe I. Il conduttore di protezione deve far parte del cavo di alimentazione.



art. WEIPU/XRL MF connectors (endowed)

**INDOOR USE ONLY**

If you want to connect the fixtures for OUTDOOR use do not use this cable.

You can make a new cable utilizing the optional art. WEIPU-CONN M/F

WARNING - ATTENZIONE

## DMX CONNECTION / CONNESSIONE DMX

**eng**

### DMX TERMINAL LINE

The wrong connection of the terminal resistor or its non-connection are probably the most frequent reasons for the defective functioning of the DMX line. The terminator is a terminal resistor fitted at the end of the cable furthest from the transmitter.

The terminal resistor should have the same value as the impedance of the connection cable.

We suggest to use a terminal with a 100 ohm resistor.

It is recommended that all DMX 512 systems have the terminal resistor fitted in the DMX output of the last fixture.

**ita**

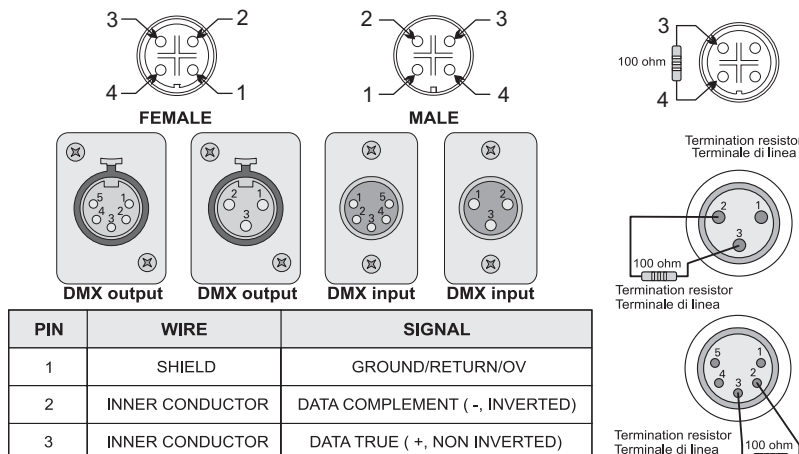
### TERMINALE LINEA DMX

L'incorretto o il mancato collegamento del terminale di linea è probabilmente la più comune causa del difettoso funzionamento della linea DMX. Il terminale di linea DMX consiste in una resistenza posta alla fine della linea.

La resistenza terminale dovrebbe avere idealmente lo stesso valore dell'impedenza del cavo di collegamento.

Noi consigliamo di usare come terminale una resistenza da 100 ohm.

E' raccomandato per tutti i sistemi DMX 512 inserire il terminale di linea nel connettore uscita DMX dell'ultimo apparecchio collegato.





## CONTROL PANEL

On the frontal glass of the Archiled you can find the control panel for Setup: it includes 4 touch-screen keys, one display, 4 leds and also one monitor led to inform about the DMX signal.

Sul frontale in vetro dell'Archiled troverete il pannello dei comandi per il SetUp composto da 4 tasti touch-screen ed un display e 4 led inoltre un led di monitor per la presenza del segnale DMX.

## LED

- "DMX" led ----- flashing: DMX input present / presenza del segnale DMX  
off: no DMX input / DMX assente

## BUTTONS

Four buttons are used to programme the spot:  
Usare i quattro pulsanti per la programmazione:

- ESC - exit from menu and return to a previous menu level  
- esce dal menu e torna ad un livello inferiore
- DOWN - to go backward in the selected options  
- scorrimento indietro
- UP - to go forward in the selected options  
- scorrimento avanti
- ENTER - to confirm the selected options  
- conferma delle opzioni selezionate
  
- UP + DOWN = Fixture reset  
reset dell'apparecchio

## DISPLAY

Shows the various menus and the selected options.  
Mostra i vari menu e le opzioni selezionate.



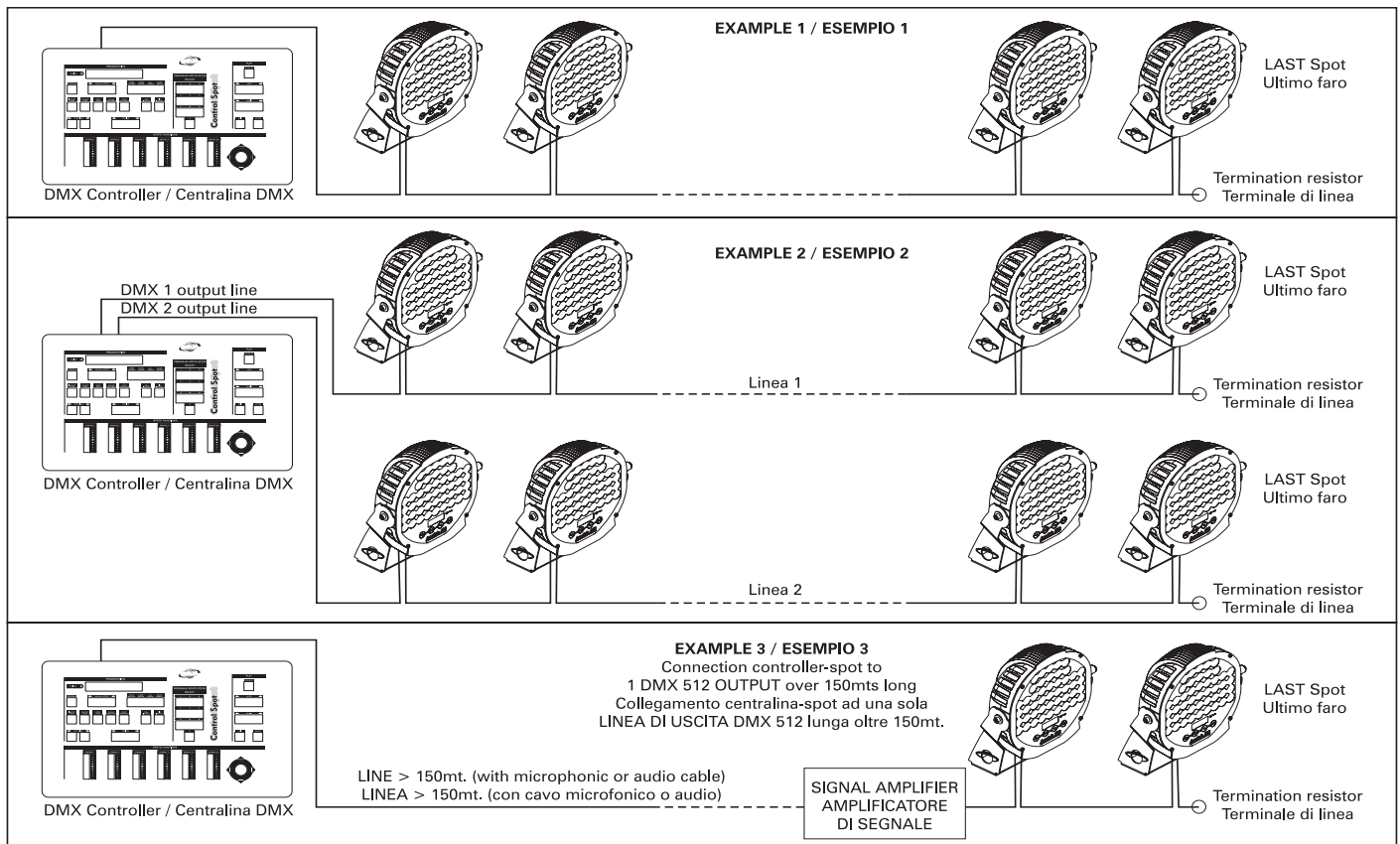
## eng

When switch-on the spot, the display makes an itself reset for few seconds. After the reset, it will be possible enter in the display functions simply pushing in sequence the buttons ESC-DOWN-UP-ENTER ( the keys 1234).

## ita

All'accensione dell'apparecchio, i display faranno un ciclo di reset per poi posizionarsi nella configurazione di default, per accedere al SET-UP inserire il codice 1234 toccando in sequenza i punti ESC-DOWN-UP-ENTER a questo punto si potrà effettuare il set-up dell'apparecchio a mezzo degli stessi tasti.

## EXAMPLE OF CONNECTION DMX CONTROLLER-SPOT / ESEMPIO DI COLLEGAMENTO CENTRALINA-FARI





**CONTROL PANEL FUNCTIONS / FUNZIONI DEL PANNELLO DI CONTROLLO**



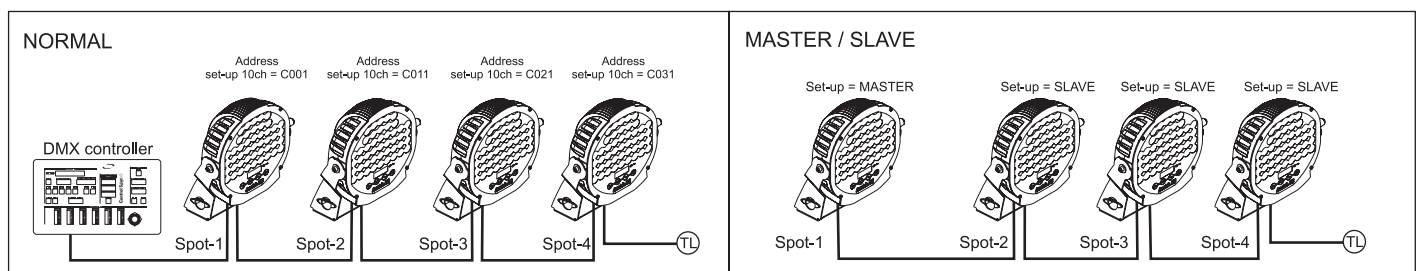
# Archiled 150

|                         |                        |  |
|-------------------------|------------------------|--|
| <b>8888</b>             | UNLOCK sequence        | ▶ Press ESC to start<br>Premere ESC per iniziare |
| <b>8888</b><br>1° ESC   | <b>8888</b><br>2° DOWN | <b>8888</b><br>3° UP                             |
| <b>8888</b><br>4° ENTER | ▶                      |  |

|  |   |
|--|---|
| 1--- / -2-- / --3- / ---4<br>ESC / DOWN / UP / ENTER | For enable menù functions<br>Per entrare nel menù |
|--|---|

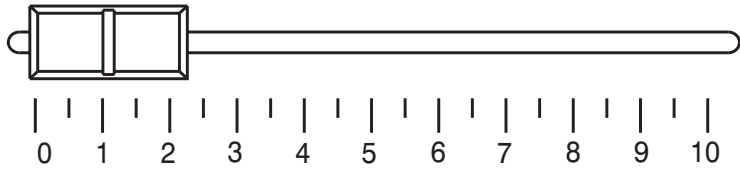
|  |  |
|--|--|
| <b>8888</b> - C001=CH-Default            |  |
| <b>8888</b> - Addr=Address/Indirizzo DMX | <b>8888 ÷ 8888</b> (enter)   |
| <b>8888</b> - DISP=display function      | <b>8888</b> - FLIP=on/off for 180° rotation display / rotazione display  |
|  | <b>8888</b> - brGt= brightness level / livello luminosità display        |
|  | <b>8888</b> - LSHd=on/off Led shutdown / spegnimento led (30sec.)        |
| <b>8888</b> - AUtO=Automatic mode        | <b>8888</b> - MOdE=no (normal), SL (slave), PR01.. PR n° (games)         |
|  | <b>8888</b> - Spd= 1"0 (sec.)... 25"5 (sec.) (Enter)                     |
| <b>8888</b> - HOuR=times of job          | <b>0000</b> - 0000=Fixture hours / ore di lavoro apparecchio             |
| <b>8888</b> - SrvC=service               | <b>8888</b> - Frmt=restart factory default / config. di fabbrica (enter) |
|  | <b>8888</b> - tESt=auto test function (enter)                            |
|  | <b>8888</b> - tEmP=°C - inside temperature / temperatura interna (enter) |
|  | <b>8888</b> - FLFr=F1 / F2 - TV camera Flicker Free /per uso TV camera   |
|  | <b>8888</b> - MOD 1 - MOD 2  |

|  |                                  |                                       |
|--|----------------------------------|---------------------------------------|
| <b>0888</b> - On=ON / Activated  | <b>0888</b> - OFF=OFF / Disarmed | <b>8888</b> - PULSE= To confirm ENTER |
| <b>8888</b> - FErr=Format ERROR /// RESET OR CONTACT StudioDue DISTRIBUTOR /// |                                  |                                       |



# Archiled<sup>150</sup>

DMX Listing RGB+A



MOD1

| 8bit  | FUNCTION       | 0              | 31                          | 63     | 95 | 127 | 159                                   | 191       | 223 | 255 |  |
|-------|----------------|----------------|-----------------------------|--------|----|-----|---------------------------------------|-----------|-----|-----|--|
| Ch1   | RED            |                |                             |        |    |     |                                       |           |     |     |  |
| Ch2   | GREEN          |                |                             |        |    |     |                                       |           |     |     |  |
| Ch3   | BLUE           |                |                             |        |    |     |                                       |           |     |     |  |
| Ch4   | AMBER          |                |                             |        |    |     |                                       |           |     |     |  |
| Ch5   | AUX            |                |                             |        |    |     |                                       |           |     |     |  |
| Ch6   | Dimmer         |                |                             |        |    |     |                                       |           |     |     |  |
| Ch7   | Strobe         | 0-1<br>Open    | Flash 0,4Hz / 25Hz<br>2-127 |        |    |     | Rainbow-Flash 0,4Hz / 25Hz<br>128-255 |           |     |     |  |
| Ch8   | Led fade time  | 0=CUT          | 0,1 sec.                    | LINEAR |    |     |                                       | 25,5 sec. |     |     |  |
| Ch9   | Macros         |                |                             |        |    |     |                                       |           |     |     |  |
| Ch10* | Balanced white | 0-15<br>normal |                             |        |    |     | 16-255                                |           |     |     |  |

\* This channel drive R+G+B automatically. AMBER can be driven by user to add a color correction or increase the total light power  
Questo canale pilota automaticamente R+G+B. Il livello di AMBRA può essere modificato dall'utente per correggere il colore finale o per aumentare l'intensità luminosa totale.



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DMX Listing WHITE+AMBER (mod1) / Lista dei valori DMX BIANCO+AMBRA (mod1):

Archiled<sup>150</sup>LED

DMX Listing **MOD1**  
  
 WHITE+AMBER

0 1 2 3 4 5 6 7 8 9 10

| 8bit | FUNCTION      | 0 31 63 95 127 159 191 223 255 |
|------|---------------|--------------------------------|
| Ch1  |               | NOT USED                       |
| Ch2  |               | NOT USED                       |
| Ch3  |               | NOT USED                       |
| Ch4  | AMBER         |                                |
| Ch5  | WHITE         |                                |
| Ch6  | Dimmer        |                                |
| Ch7  | Strobe        |                                |
| Ch8  | Led fade time |                                |

DMX Listing WHITE+AMBER (mod2) / Lista dei valori DMX BIANCO+AMBRA (mod2):

Archiled<sup>150</sup>LED

DMX Listing **MOD2**  
  
 WHITE+AMBER

0 1 2 3 4 5 6 7 8 9 10

| 8bit | FUNCTION      | 0 31 63 95 127 159 191 223 255 |
|------|---------------|--------------------------------|
| Ch1  | AMBER         |                                |
| Ch2  | WHITE         |                                |
| Ch3  | Dimmer        |                                |
| Ch4  | Strobe        |                                |
| Ch5  | Led fade time |                                |

## GAMES LIST - PRESET / LISTA DEI GIOCHI

|           |                                    |                             |
|-----------|------------------------------------|-----------------------------|
| Preset 1  | Fixed RED                          |                             |
| Preset 2  | Fixed GREEN                        |                             |
| Preset 3  | Fixed BLUE                         |                             |
| Preset 4  | Fixed RED + AMBER                  |                             |
| Preset 5  | Fixed GREEN + AMBER                |                             |
| Preset 6  | Fixed BLUE + AMBER                 |                             |
| Preset 7  | Fixed RED + GREEN                  |                             |
| Preset 8  | Fixed RED + GREEN + AMBER          |                             |
| Preset 9  | Fixed GREEN + BLUE                 |                             |
| Preset 10 | Fixed GREEN + BLUE + AMBER         |                             |
| Preset 11 | RED(255)                           | --> 4 S WAIT                |
|           | GREEN(255)                         | --> 4 S WAIT                |
|           | RED(112) + GREEN(178) + BLUE(235)  | --> 4 S WAIT                |
|           | RED(255) + GREEN(255) + AMBER(255) | --> 4 S WAIT                |
|           | GREEN(255) + BLUE(255)             | --> 4 S WAIT                |
|           | BLUE(255)                          | --> 4 S WAIT                |
|           | RED(255) + AMBER(222)              | --> 4 S WAIT                |
|           | ALL COLORS (255)                   | --> 16 S WAIT               |
| Preset 12 | RED(255) + GREEN(166) + BLUE(85)   | --> 4 S WAIT                |
|           | RED(2) + GREEN(128) + BLUE(255)    | --> 4 S WAIT                |
|           | RED(160) + GREEN(228) + BLUE(255)  | --> 4 S WAIT                |
|           | RED(255) + BLUE(255)               | --> 4 S WAIT                |
|           | RED(44) + GREEN(255) + AMBER(106)  | --> 4 S WAIT                |
|           | BLUE(255)                          | --> 4 S WAIT                |
|           | RED(255)                           | --> 4 S WAIT                |
|           | RED(149) + GREEN(156) + BLUE(162)  | --> 12 S WAIT               |
| Preset 13 | RED(255) + GREEN(10)               | --> 3,8 S FADE + 2,2 S WAIT |
|           | GREEN(255)                         | --> 3,8 S FADE + 2,2 S WAIT |
|           | BLUE(255)                          | --> 3,8 S FADE + 2,2 S WAIT |
|           | RED(255) + GREEN(255)              | --> 3,8 S FADE + 2,2 S WAIT |
|           | GREEN(255) + BLUE(255)             | --> 3,8 S FADE + 2,2 S WAIT |
|           | RED(255) + GREEN(255) + BLUE(255)  | --> 3,8 S FADE + 2,2 S WAIT |
|           | ALL COLORS(255)                    | --> 3,8 S FADE + 2,2 S WAIT |
|           | ALL COLORS (0)                     | --> 3,8 S FADE + 2,2 S WAIT |

|                 |  |                          |
|-----------------|--|--------------------------|
| Preset 14       | RED(255)                               | --> 4 S WAIT             |
|                 | RED(255)                               | --> 8 S WAIT             |
|                 | GREEN(255)                             | --> 4 S WAIT             |
|                 | GREEN(255)                             | --> 8 S WAIT             |
|                 | BLUE(255)                              | --> 4 S WAIT             |
|                 | BLUE(255)                              | --> 8 S WAIT             |
|                 | RED(255) + GREEN(255)                  | --> 4 S WAIT             |
|                 | RED(255) + GREEN(255)                  | --> 8 S WAIT             |
|                 | GREEN(255) + BLUE(255)                 | --> 4 S WAIT             |
|                 | GREEN(255) + BLUE(255)                 | --> 8 S WAIT             |
|                 | RED(255) + GREEN(255) + BLUE(255)      | --> 4 S WAIT             |
|                 | RED(255) + GREEN(255) + BLUE(255)      | --> 8 S WAIT             |
| ALL COLORS(255) | --> 4 S WAIT                           |                          |
| Preset 15       | GREEN(255)                             | --> 2 S FADE + 3 S WAIT  |
|                 | GREEN(255) + AMBER(255)                | --> 2 S FADE + 3 S WAIT  |
|                 | RED(255)                               | --> 2 S FADE + 3 S WAIT  |
|                 | RED(255) + AMBER(255)                  | --> 2 S FADE + 3 S WAIT  |
|                 | GREEN(255) + BLUE(116)                 | --> 2 S FADE + 3 S WAIT  |
|                 | RED(31)+GREEN(124)+BLUE(255)+AMBER(12) | --> 2 S FADE + 3 S WAIT  |
| Preset 16       | GREEN(255)                             | --> 7 S FADE + 3 S WAIT  |
|                 | GREEN(255) + AMBER(255)                | --> 7 S FADE + 3 S WAIT  |
|                 | RED(255)                               | --> 7 S FADE + 3 S WAIT  |
|                 | RED(255) + AMBER(255)                  | --> 7 S FADE + 3 S WAIT  |
|                 | GREEN(255) + BLUE(116)                 | --> 7 S FADE + 3 S WAIT  |
|                 | RED(31)+GREEN(124)+BLUE(255)+AMBER(12) | --> 7 S FADE + 3 S WAIT  |
| Preset 17       | GREEN(255)                             | --> 15 S FADE + 3 S WAIT |
|                 | GREEN(255) + AMBER(255)                | --> 15 S FADE + 3 S WAIT |
|                 | RED(255)                               | --> 15 S FADE + 3 S WAIT |
|                 | RED(255) + AMBER(255)                  | --> 15 S FADE + 3 S WAIT |
|                 | GREEN(255) + BLUE(116)                 | --> 15 S FADE + 3 S WAIT |
|                 | RED(31)+GREEN(124)+BLUE(255)+AMBER(12) | --> 15 S FADE + 3 S WAIT |
| Preset 18       | GREEN(255)                             | --> 25 S FADE + 3 S WAIT |
|                 | GREEN(255) + AMBER(255)                | --> 25 S FADE + 3 S WAIT |
|                 | RED(255)                               | --> 25 S FADE + 3 S WAIT |
|                 | RED(255) + AMBER(255)                  | --> 25 S FADE + 3 S WAIT |
|                 | GREEN(255) + BLUE(116)                 | --> 25 S FADE + 3 S WAIT |
|                 | RED(31)+GREEN(124)+BLUE(255)+AMBER(12) | --> 25 S FADE + 3 S WAIT |

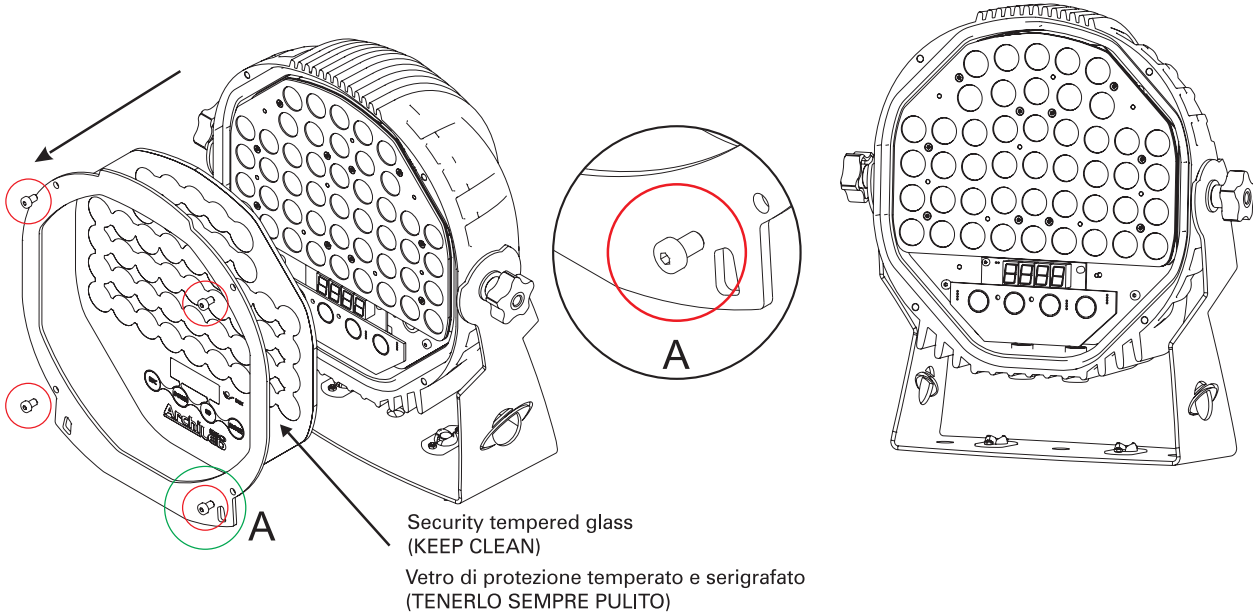
# SERVICE

## 1)- Inspection

Unscrew the 4 frontal screw to open the item, take care in removing the protection glass

## 1)- Ispezione

Per accedere all'interno dell'apparecchio, svitare le quattro viti "A" frontali, prestando molta cura nel togliere il vetro di protezione.

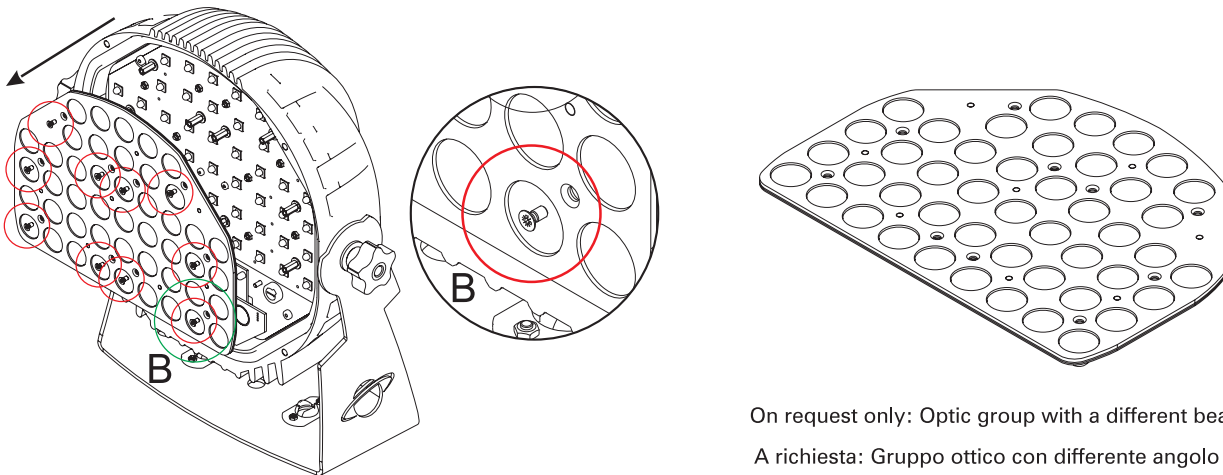


## 2)-Optic group replacement

In order to replace the optic group with ones of different beam angle, remove the glass and the frontal plate (Ref.A), remove the 10 conical screws (B), and then change the optic group with the new one.

## 2)- Sostituzione del gruppo ottico

Per sostituire il gruppo ottico con uno di differente angolo di proiezione, dopo la rimozione del frontale e del vetro (rif.A), svitare le dieci viti coniche "B", togliere l'ottica presente ed alloggiare la nuova.





# SERVICE

## 3)- Fast Lock Assembling KIT

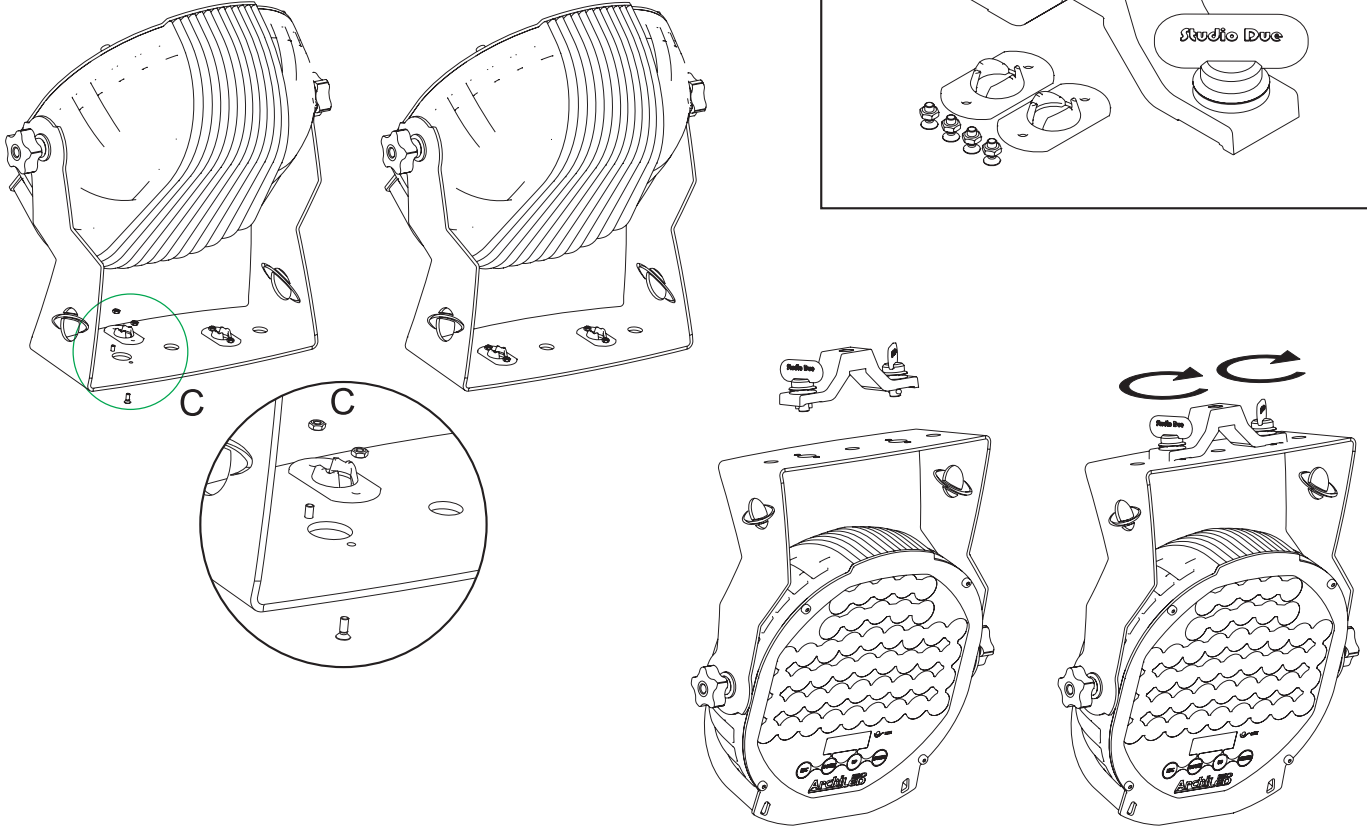
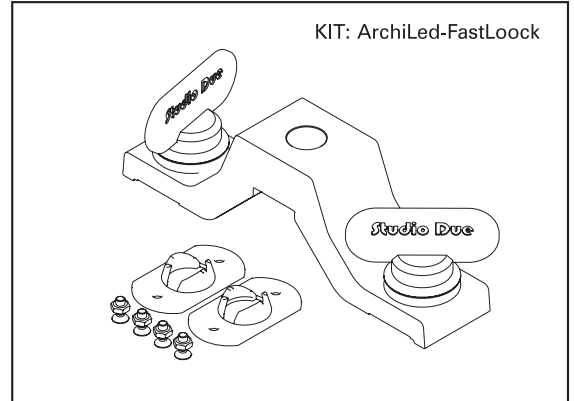
For assembling the K.F. Use the screws and follow the figure C

## 3)- Montaggio KIT FastLock

Per il montaggio del KIT FastLock utilizzare le viti presenti e seguire la figura "C".

On request only: fast lock system

A richiesta: Sistema con attacchi rapidi FastLock

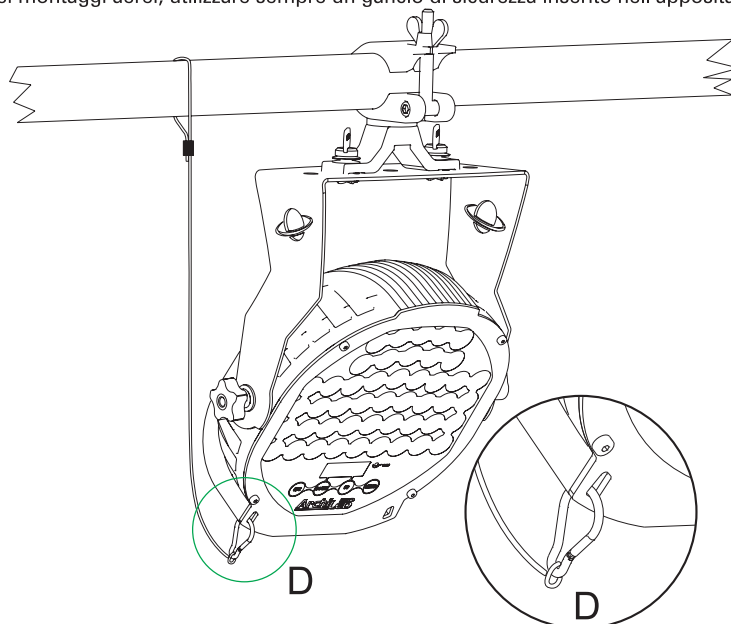


## 4)- Assembling on a truss

When installing the unit on the truss, use always a security chain passed into the hole D

## 4)- Montaggio su strutture aeree

Nei montaggi aerei, utilizzare sempre un gancio di sicurezza inserito nell'apposita asola "D".



# SERVICE

## 5)- Bandoor assembling

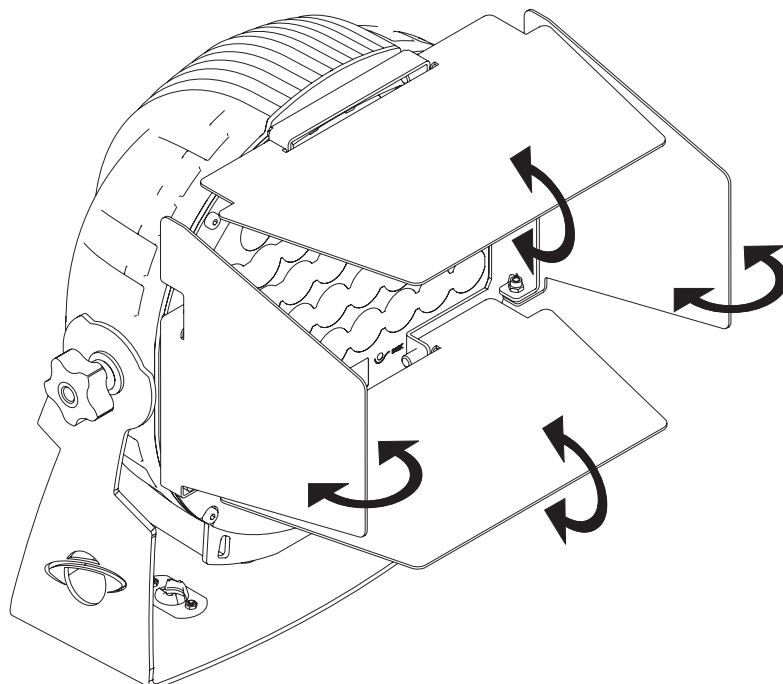
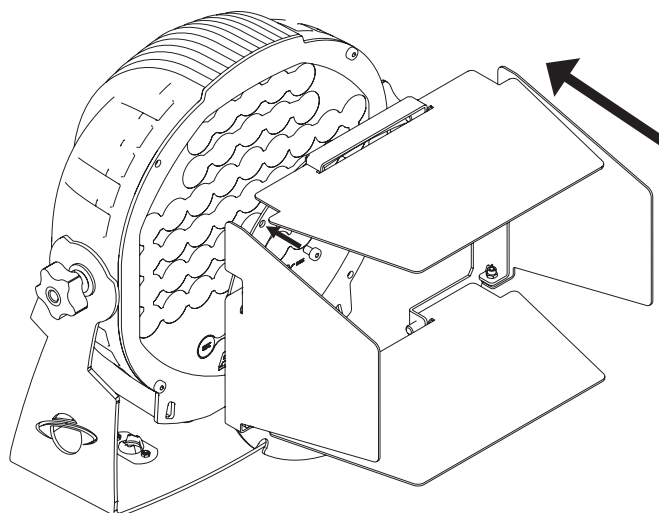
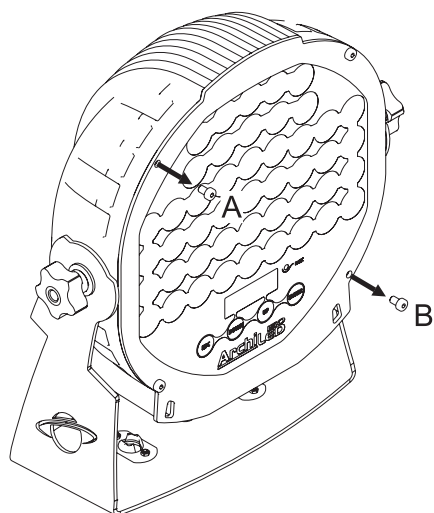
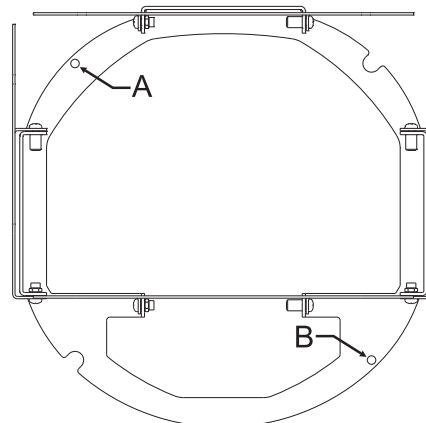
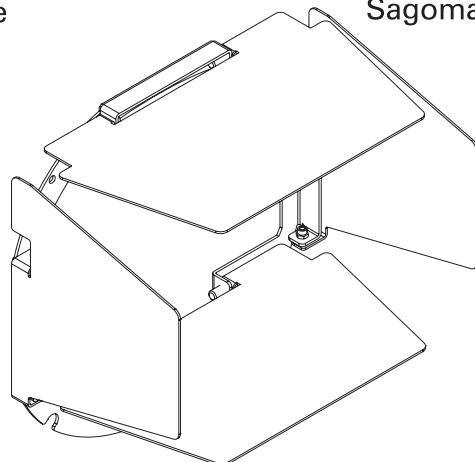
Unscrew the 2 frontal screw "A+B"

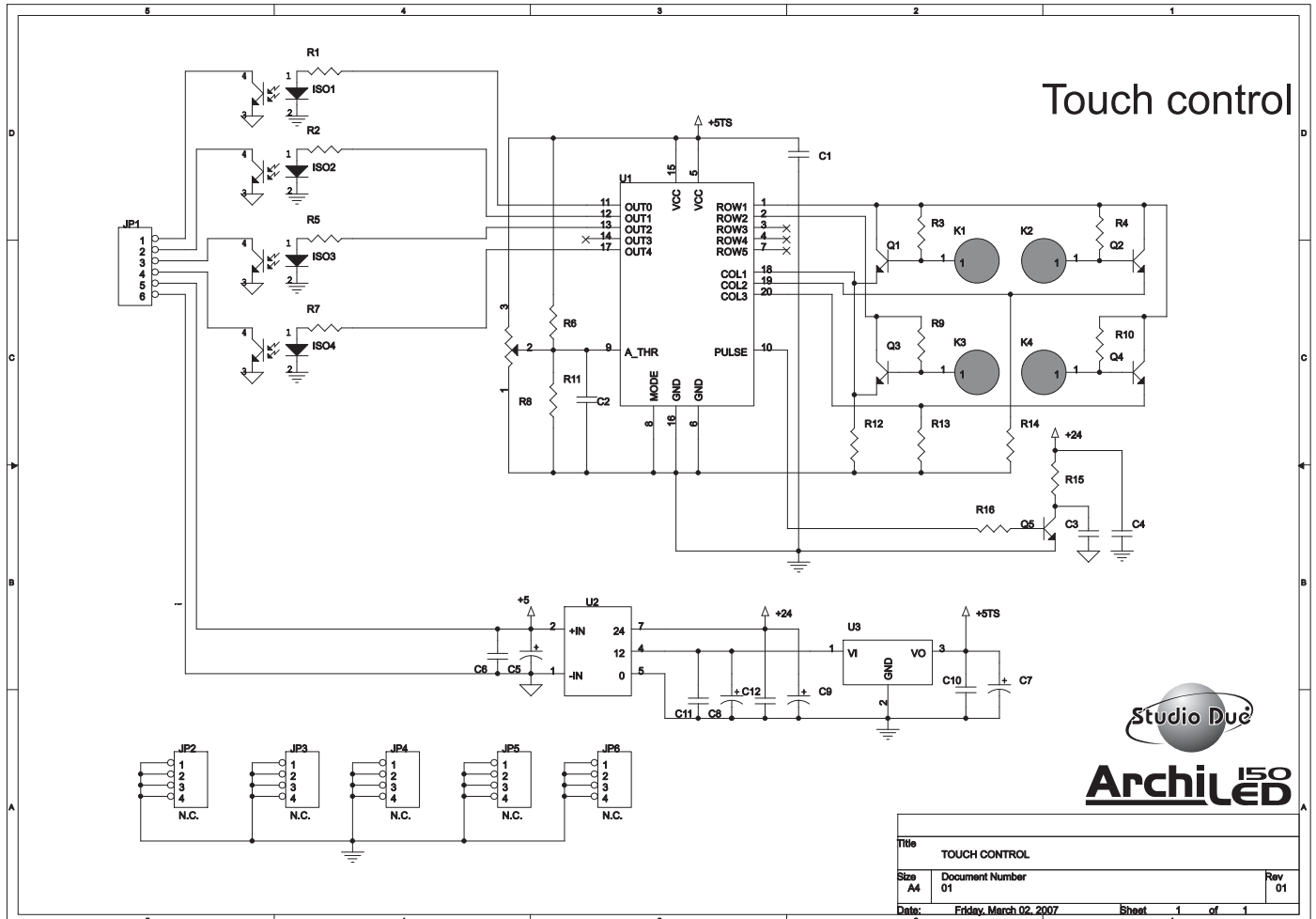
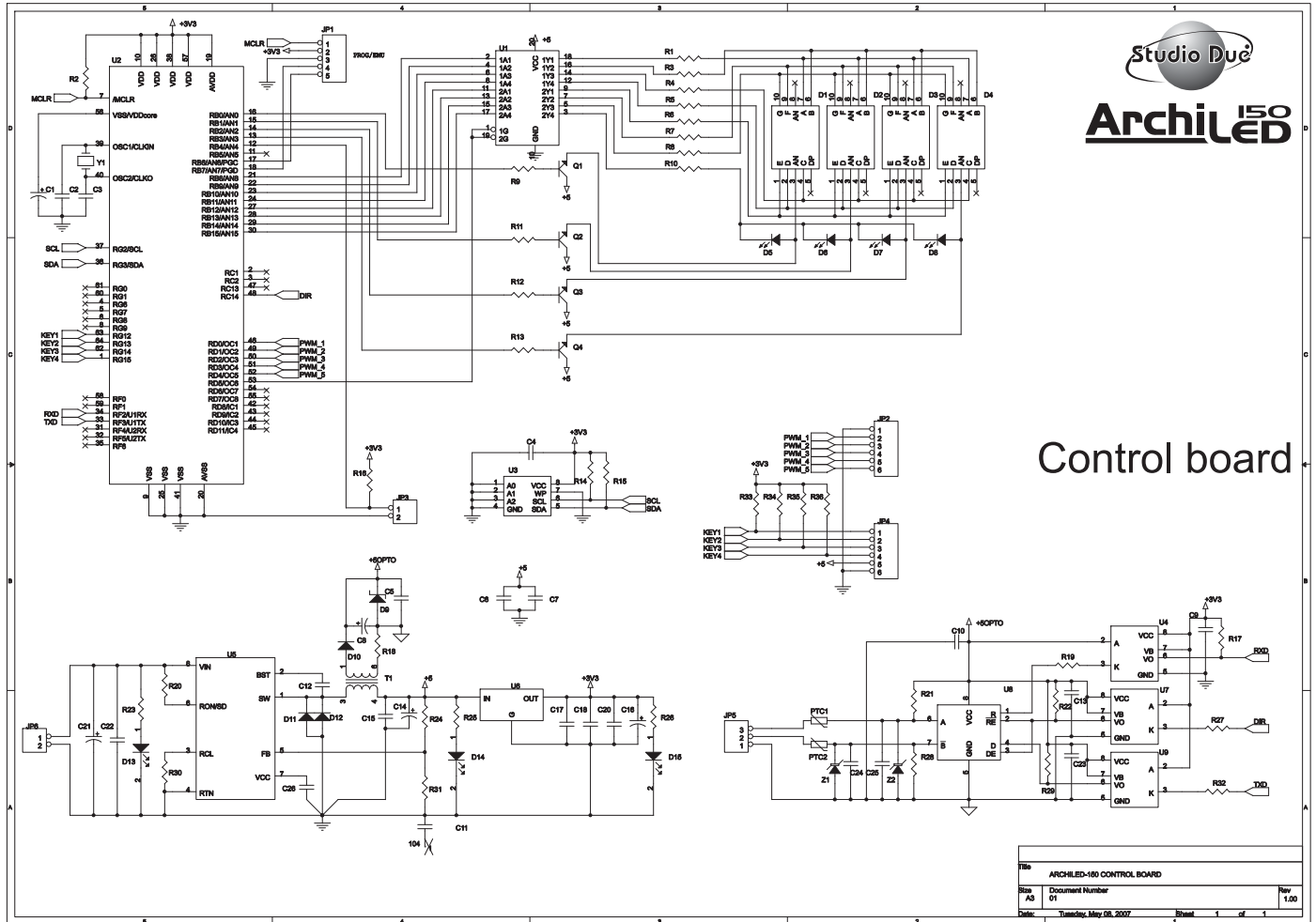
## 5)- Montaggio sagomatore

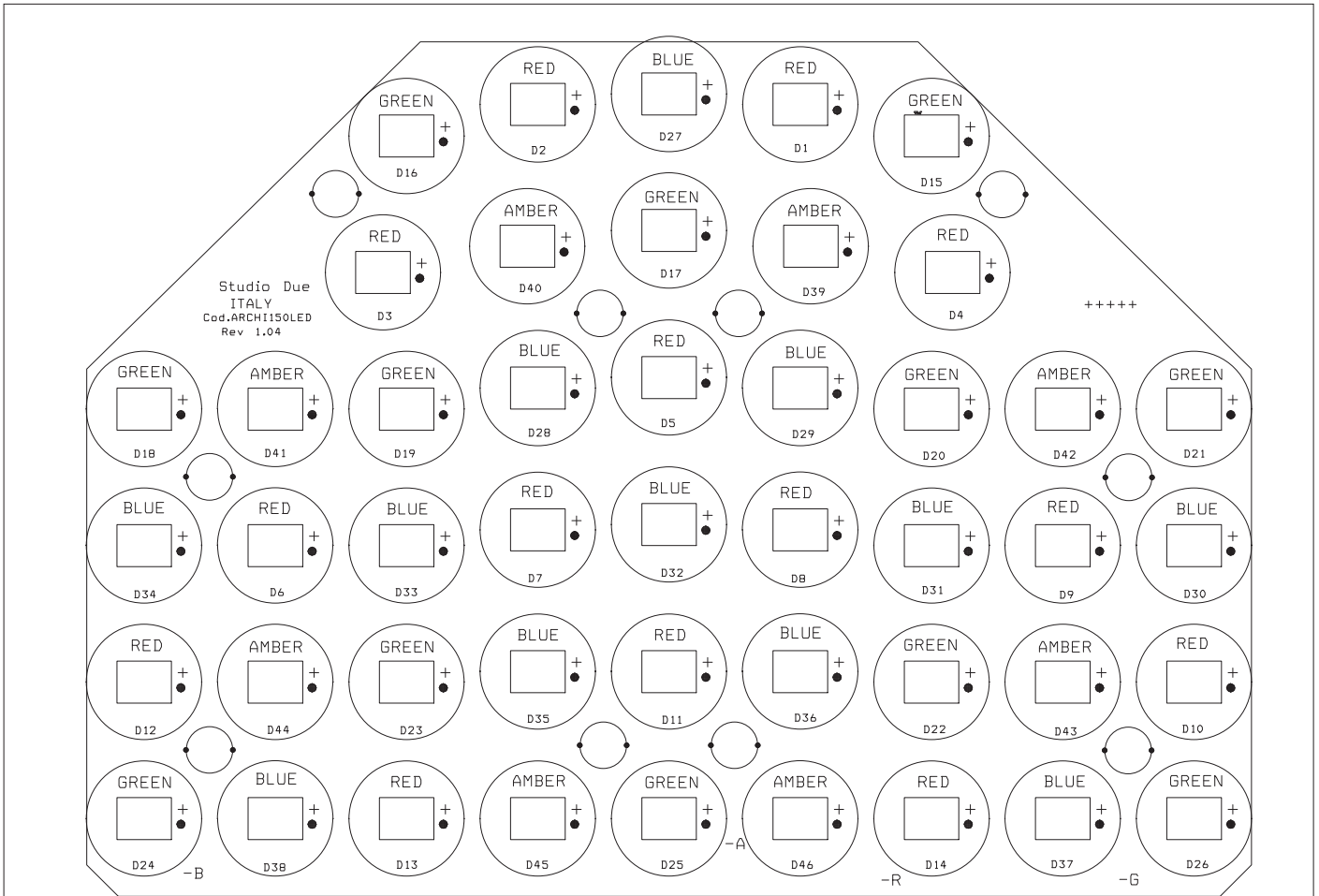
Svitare le 2 viti indicate "A+B"

Bandoor for ArchiLed (on request)

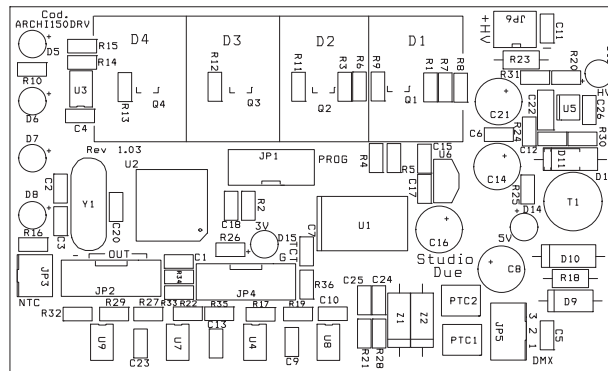
Sagomatore per ArchiLed (a richiesta)



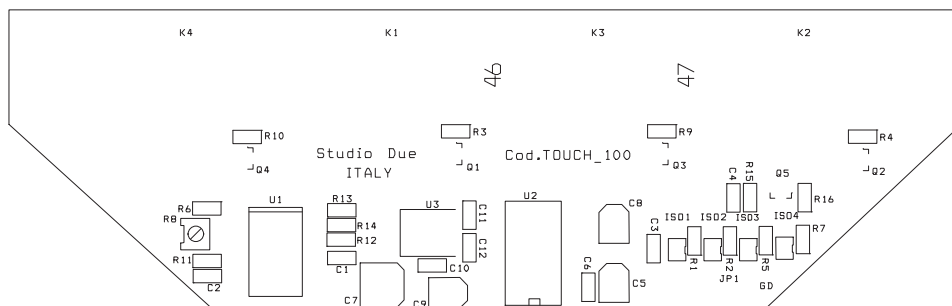


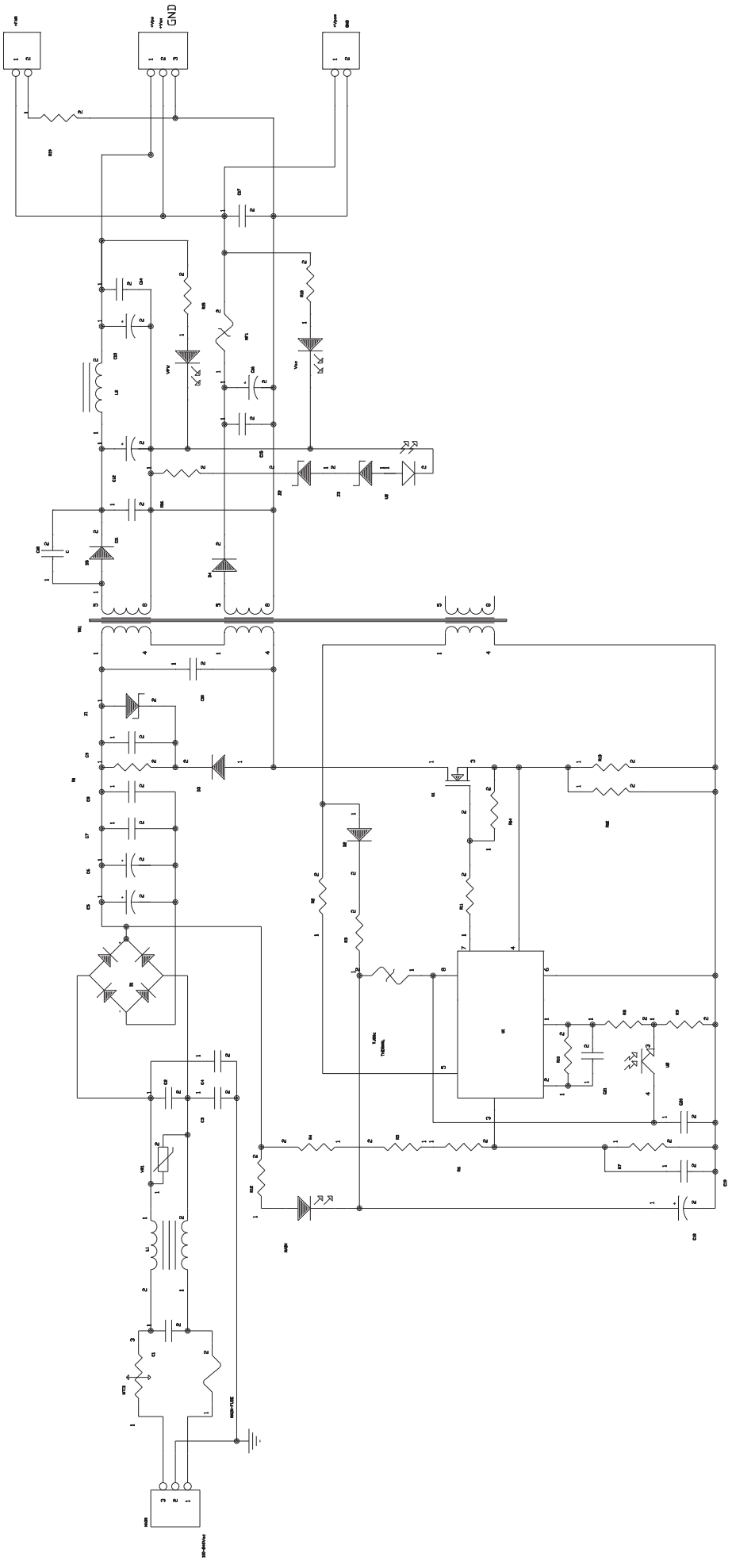


## Control board

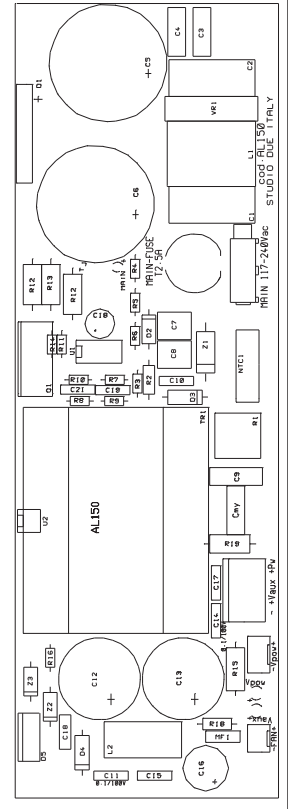


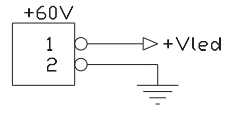
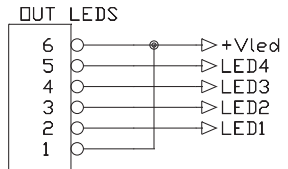
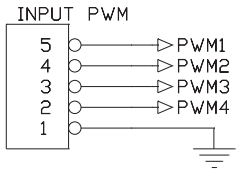
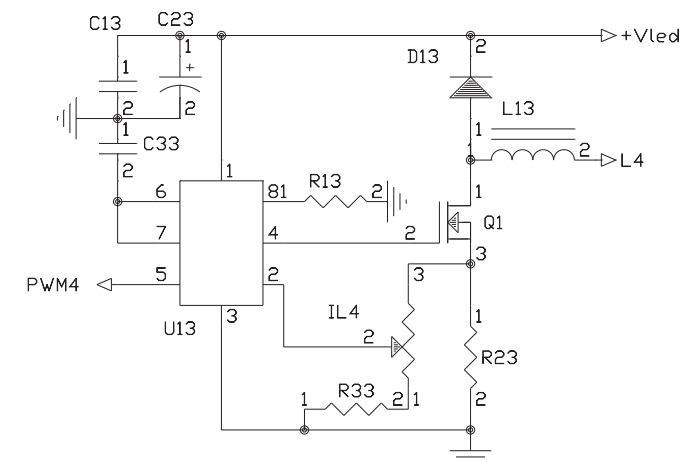
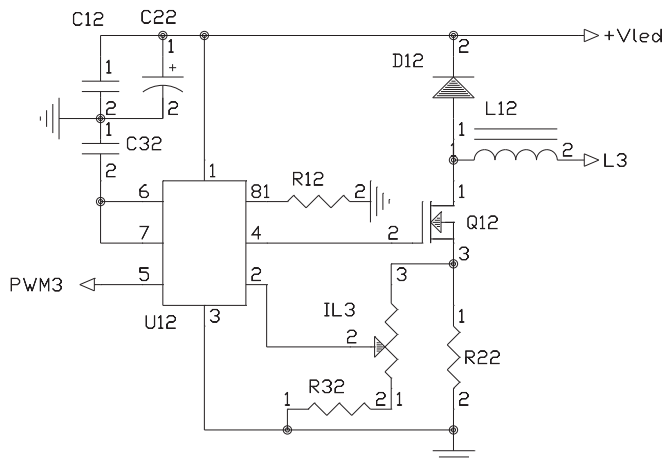
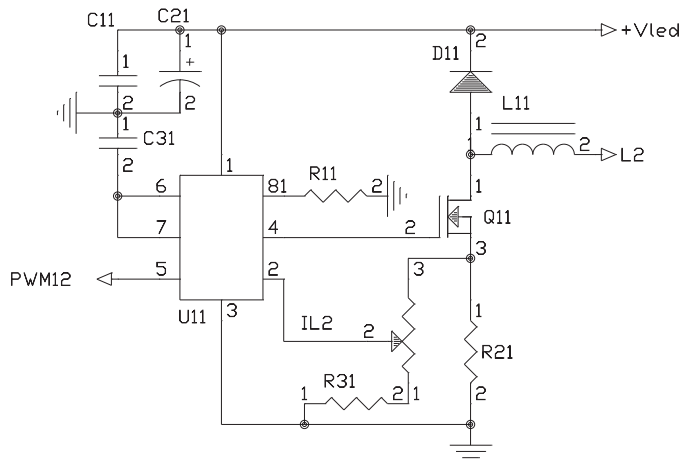
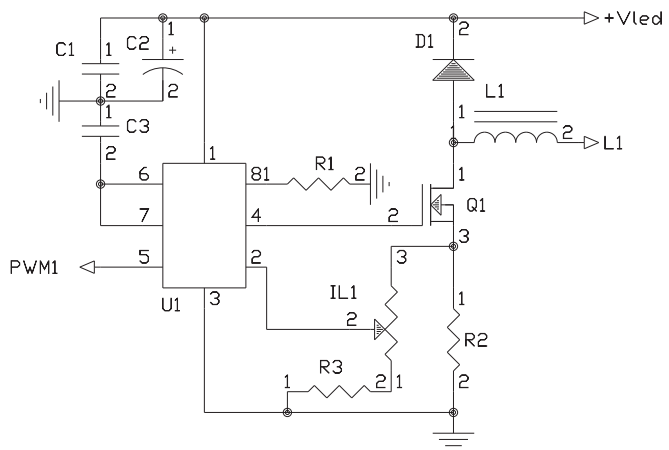
## Touch control



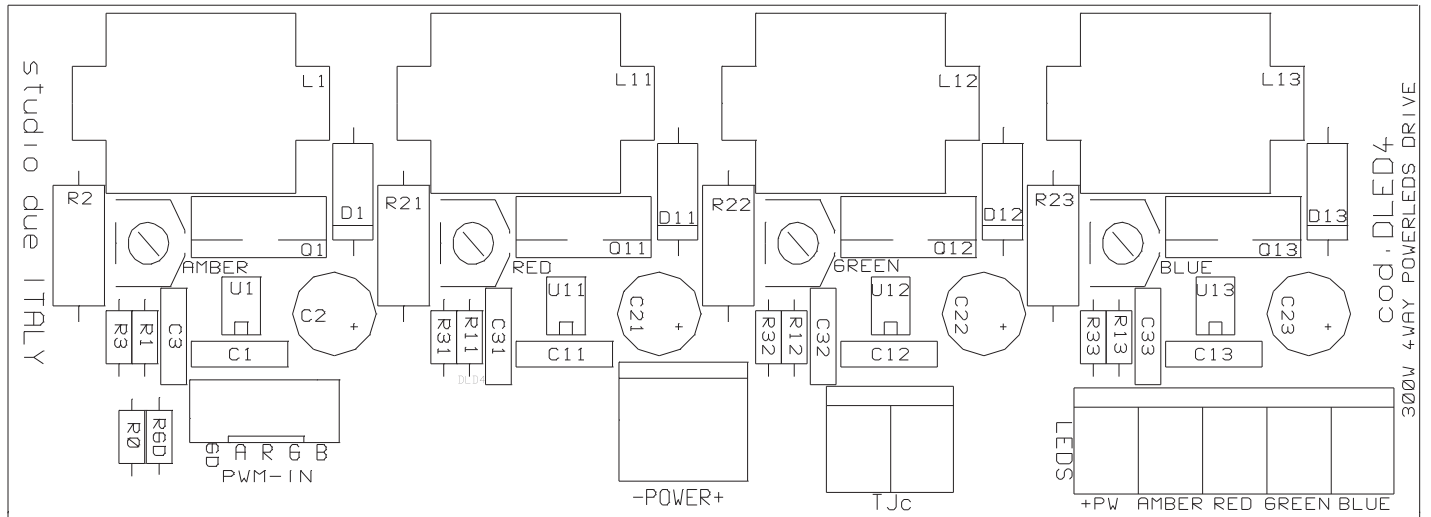


|       |                         |
|-------|-------------------------|
| Title | ALI50 150W power supply |
| Size  | Document Number         |
| A     | REV                     |
| Date: | June 11, 2007           |
| Sheet | of                      |

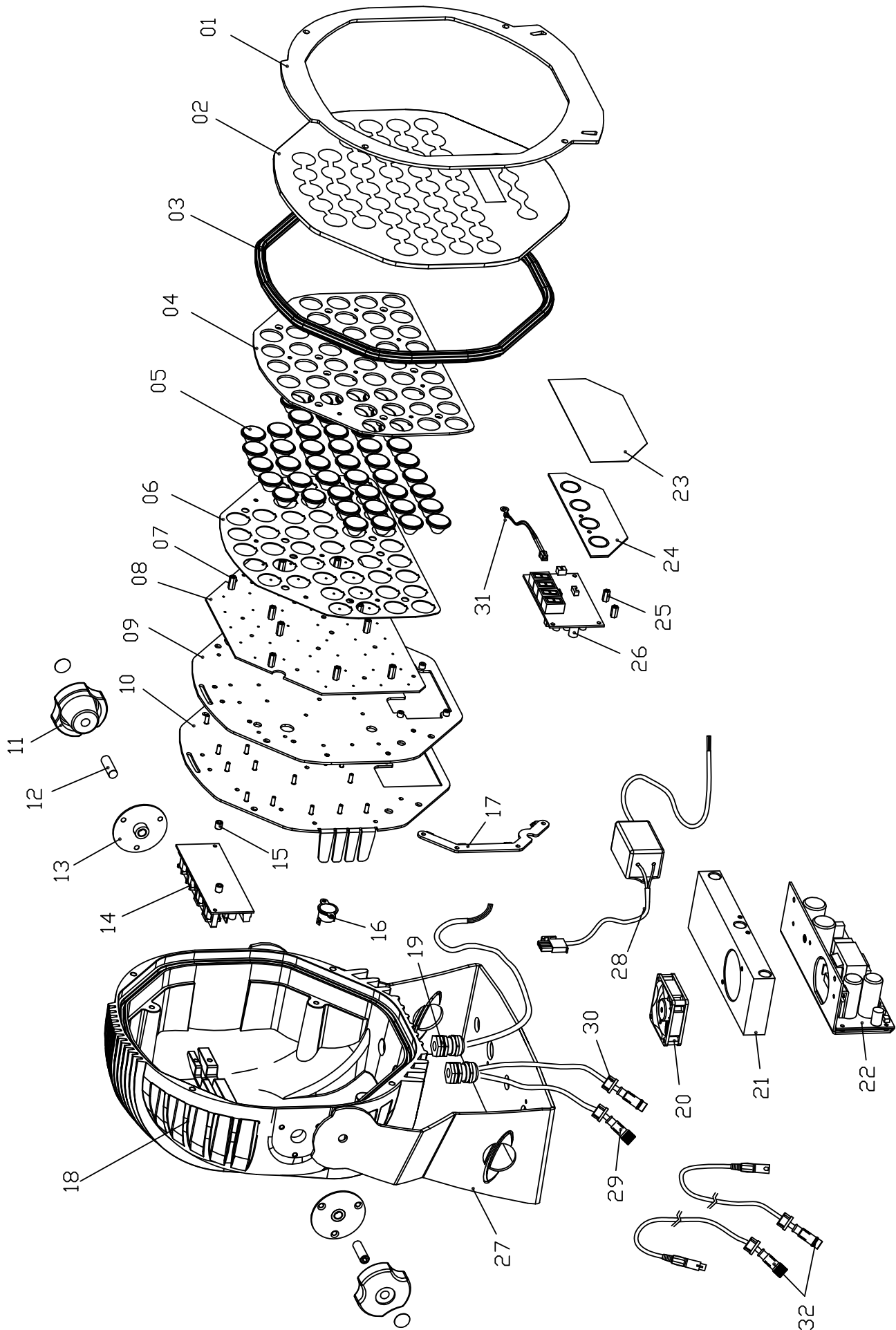




|                                 |                 |          |
|---------------------------------|-----------------|----------|
| Title                           |                 |          |
| DLED4 4CH 1Amax POWER LED DRIVE |                 |          |
| Size                            | Document Number | REV      |
| B                               |                 |          |
| Date:                           | May 7, 2007     | Sheet of |



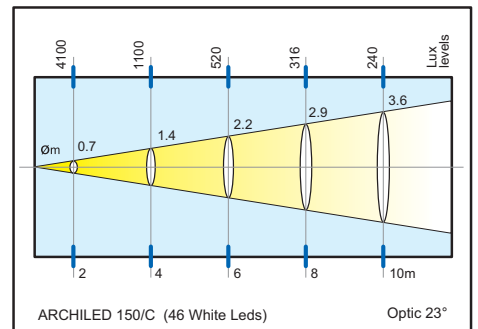
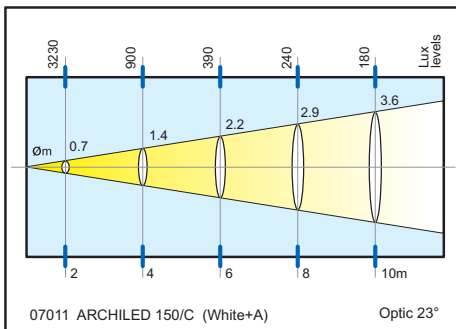
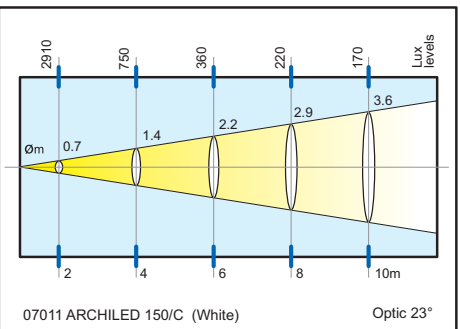
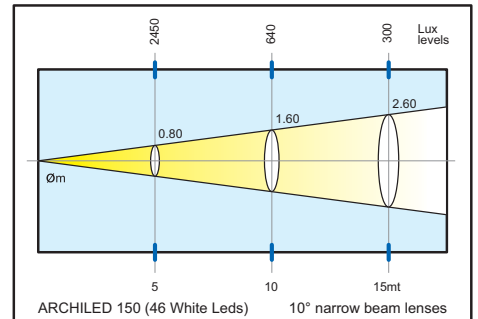
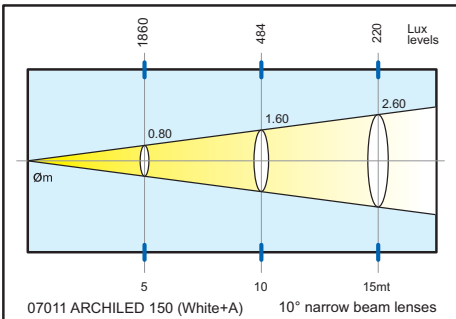
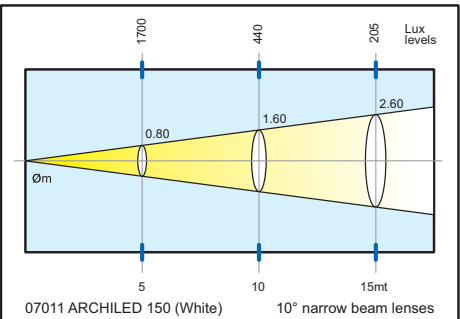
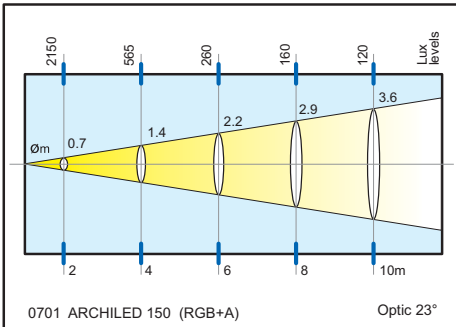
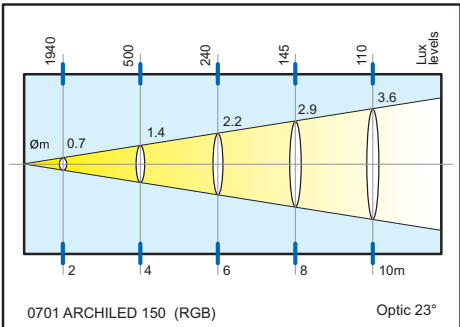
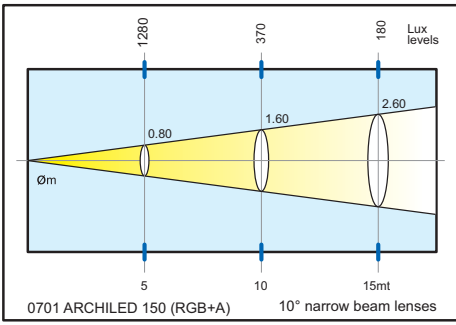
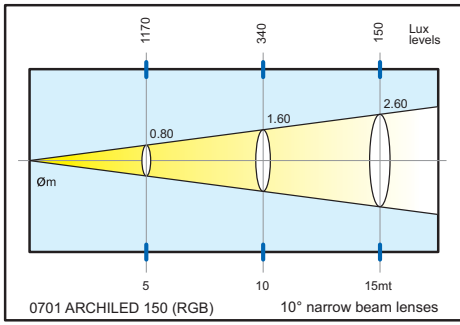




**ARCHILED 150 SPARE PARTS / LISTA COMPONENTI ARCHILED 150**

| REF NO. | PART NO.    | DESCRIPTION   |
|---------|-------------|---|
| 01      | 23-101-0051 | Case ARCHI LED 150 black SECC metal head 2=1<drawing 1-009 ARC-135>(lead free)                  |
| 02      | 25-108-0047 | Tempered glass ARCHILED 150 1=1 <drawing 5-02>  |
| 03      | 25-116-0039 | Silicon ARCHI LED 150 white head upper cover water proofed silicon bar L=0.76M 1=1              |
| 04      | 23-104-0083 | Case ARCHI LED 150 black aluminium 5454 head LED 1=1<drawing 1-006 ARC-09>(lead free)           |
| 05      | 25-102-0011 | ARCHILED 150 high-power LED reflector<from Italy> (lead free)                                   |
| 06      | 23-104-0084 | Case ARCHI LED 150 black aluminium 5454 head LED 1=1<drawing 1-007 ARC-10>(lead free)           |
| 07      | 25-103-0029 | Copper pole pole brass D=5 M3 bolt H=12<drawing 1-010 ARC-14> (lead free)                       |
| 08      | 28-109-0003 | Part ArchiLED 150 Cod.ARCHI150LED-104 LED PCB (lead free) Qty: 1PCS Ref:REV1.0                  |
| 09      | 23-104-0087 | Case ARCHI LED 150 aluminium 5454 HEAD LED 1=1<drawing 1-004 ARC-07>(lead free)                 |
| 10      | 23-104-0086 | Case ARCHI LED 150 aluminium 5454 HEAD PCB 1=1<Drawing 1-003 ARC-06>(lead free)                 |
| 11      | 22-104-0003 | Bakelite screws M8X10 plastic (lead free)<ARCHI 150LED>   |
| 12      | 22-115-0013 | Screws M8X25 black(lead free)<ARCHILED150>  |
| 13      | 25-122-0063 | Case ARCHI LED 150 black SECC metal head 2=1<drawing 1-002 ARC-05>(lead free)                   |
| 14      | 27-109-0004 | KIT Archi 150LED Cod.DLED4 PCB (lead free) Qty:1PCS Ref:REV1.0                                  |
| 15      | 25-105-0015 | AL Parts Shark150 6061 through aluminium post D=6 d=3.1 H=6.5<drawing 3-01>(lead free)          |
| 16      | 20-104-0013 | Thermostat 85*36TXE21 75*±4.5 Reset<UL/CSA/VDE>(lead free)                                      |
| 17      | 25-121-0055 | Case ARCHI LED 150 aluminium 1100 head part 1=1<drawing 1-005 ARC-08>(lead free)                |
| 18      | 23-108-0011 | Case ARCHI LED black aluminium UV black powder 1=1 <drawing archiled> (lead free)               |
| 19      | 25-101-0009 | Cable NUT metal clip M16P1.5 water proofed grade IP68 (lead free)                               |
| 20      | 08-102-0010 | Fan MODEL JF0515B2E--R DC24V/0.08A 50X50X15 (lead free) <ARCHI 150 LED>                         |
| 21      | 23-104-0085 | AL parts ARCHI LED 150<Halogne>aluminium 6061 (176X60X20)<drawing 1-011 ARC-15>(lead free)      |
| 22      | 27-109-0006 | KIT ArchiLED 150 Cod.AL152 PCB<LEAD FREE >QLT: 1PCS REV1.0                                      |
| 23      | 24-105-0057 | Plastic parts red high temperature adhesive LEE FILTERS 026<HT> BRIGHT RED 140X50mm (lead free) |
| 24      | 28-109-0002 | Part ArchiLED 150 Cod.TOUCH_100 PCB (lead free) Qty: 1PCS Ref:REV1.0                            |
| 25      | 25-103-0017 | Copper pole brass D=5 M3 screw thread H=10 (lead free)  |
| 26      | 27-109-0003 | KIT Archi 150LED Cod.ARCHI150DRV-103 digital display PCB(lead free)Qty: 1PCS Ref:REV1.0         |
| 27      | 23-101-0050 | Case ARCHI LED 150 black SECC metal base crutch 1=1<drawing 1-001 ARC-01>(lead free)            |
| 28      | 27-111-0001 | Studio Due ARCHI LED150 filter part QLT: 1PCS REV1.0  |
| 29      | 15-104-0006 | Female cable black 4core LED L1=L2=200,L3=240 (lead free)                                       |
| 30      | 15-104-0005 | Male cable black 4core LED L1=L2=200,L3=240 (lead free)   |
| 31      | 02-106-0008 | NTC EPCOS Thermistor B57703-M103-G 10K  |
| 32      | AL-DMX AD   | KIT male/female cable connetion WEIPU-XRL   |

**PHOTOMETRIC DATA / DIAGRAMMI FOTOMETRICI**





Dichiarazione **CE** di conformità  
Declaration **CE** of conformity

Doc. 0701-A REV 1 - 02/07  
RGB ARCHILED150/C IP67  
**CE** 02/07

La ditta: **STUDIO DUE** s.r.l.  
The firm: Strada Poggino, 100  
01100 VITERBO  
ITALY

dichiara sotto la propria responsabilità che il prodotto:  
declare under our sole responsibility that the product:

**RGB ARCHILED150/C IP66**  
codice 0701

è conforme alle norme:  
is in conformity with the standard:

EN 60598-1 Ed. VII (CEI 34-23 Ed. II)  
EN 60598-2-17 Ed. II (CEI 34-38 Ed. II)

|                  |                |                  |                   |
|------------------|----------------|------------------|-------------------|
| CEI EN 61000-3-2 | CEI EN 55013   | CEI EN 61000-4-2 | CEI EN 61000-4-11 |
| CEI EN 61000-3-3 | CEI EN 55014-1 | CEI EN 61000-4-4 | CEI EN 55103-1    |
| CEI EN 60065     | CEI EN 55013-1 | CEI EN 61000-4-5 | CEI EN 55103-2    |
| CEI EN 55022     | CEI EN 55015   | CEI EN 61000-4-6 |                   |
| CEI EN 55011     |                | CEI EN 61000-4-3 |                   |

e quindi ai requisiti essenziali delle Direttive:  
and therefore according to essential requirement of Directives:

LV 73/23 AND 93/68 EEC  
EMC 89/336 AND 93/68 EEC

Data di apposizione **CE** : **07**  
Date of **CE** marking : **07**

VITERBO, **21/02/07**

FRANCO BERTINI  
General Manager



Dichiarazione **CE** di conformità  
Declaration **CE** of conformity

Doc. 07011-A REV 1 - 02/07  
W+A ARCHILED150/C IP67  
**CE** 02/07

La ditta: **STUDIO DUE** s.r.l.  
The firm: Strada Poggino, 100  
01100 VITERBO  
ITALY

dichiara sotto la propria responsabilità che il prodotto:  
declare under our sole responsibility that the product:

**W+A ARCHILED150/C IP66**  
**codice 07011**

è conforme alle norme:  
is in conformity with the standard:

**EN 60598-1 Ed. VII (CEI 34-23 Ed. II)**  
**EN 60598-2-17 Ed. II (CEI 34-38 Ed. II )**

|                         |                       |                         |                          |
|-------------------------|-----------------------|-------------------------|--------------------------|
| <b>CEI EN 61000-3-2</b> | <b>CEI EN 55013</b>   | <b>CEI EN 61000-4-2</b> | <b>CEI EN 61000-4-11</b> |
| <b>CEI EN 61000-3-3</b> | <b>CEI EN 55014-1</b> | <b>CEI EN 61000-4-4</b> | <b>CEI EN 55103-1</b>    |
| <b>CEI EN 60065</b>     | <b>CEI EN 55013-1</b> | <b>CEI EN 61000-4-5</b> | <b>CEI EN 55103-2</b>    |
| <b>CEI EN 55022</b>     | <b>CEI EN 55015</b>   | <b>CEI EN 61000-4-6</b> |                          |
| <b>CEI EN 55011</b>     |                       | <b>CEI EN 61000-4-3</b> |                          |

e quindi ai requisiti essenziali delle Direttive:  
and therefore according to essential requirement of Directives:

**LV 73/23 AND 93/68 EEC**  
**EMC 89/336 AND 93/68 EEC**

Data di apposizione **CE** : **07**  
Date of **CE** marking : **07**

VITERBO, **21/02/07**

**FRANCO BERTINI**  
General Manager

# WARRANTY CARD



Studio Due®

Company name: .....

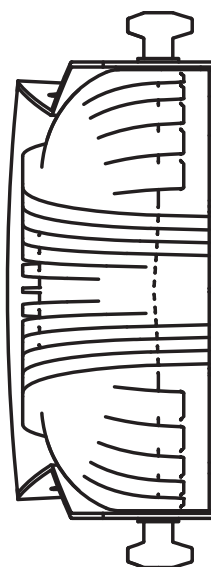
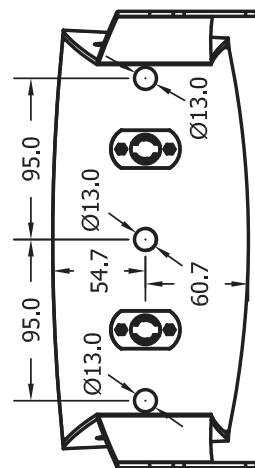
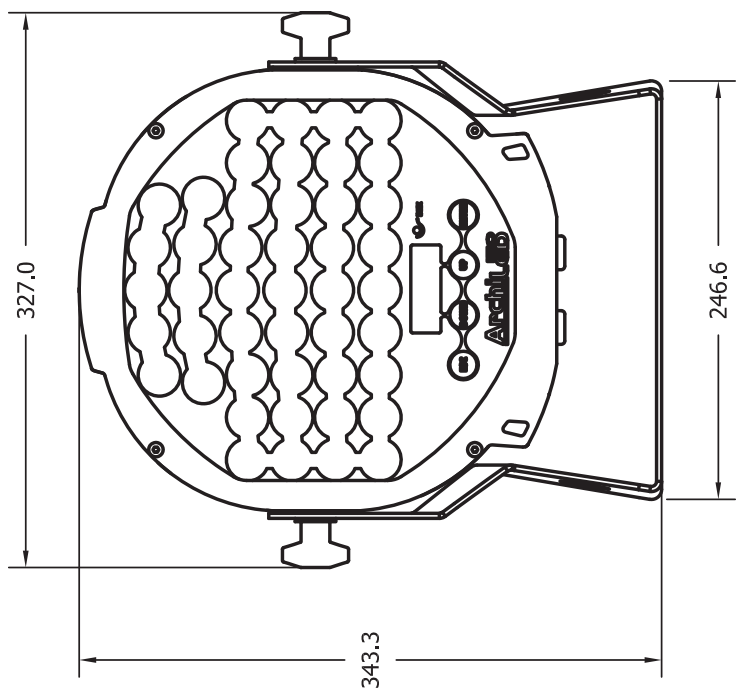
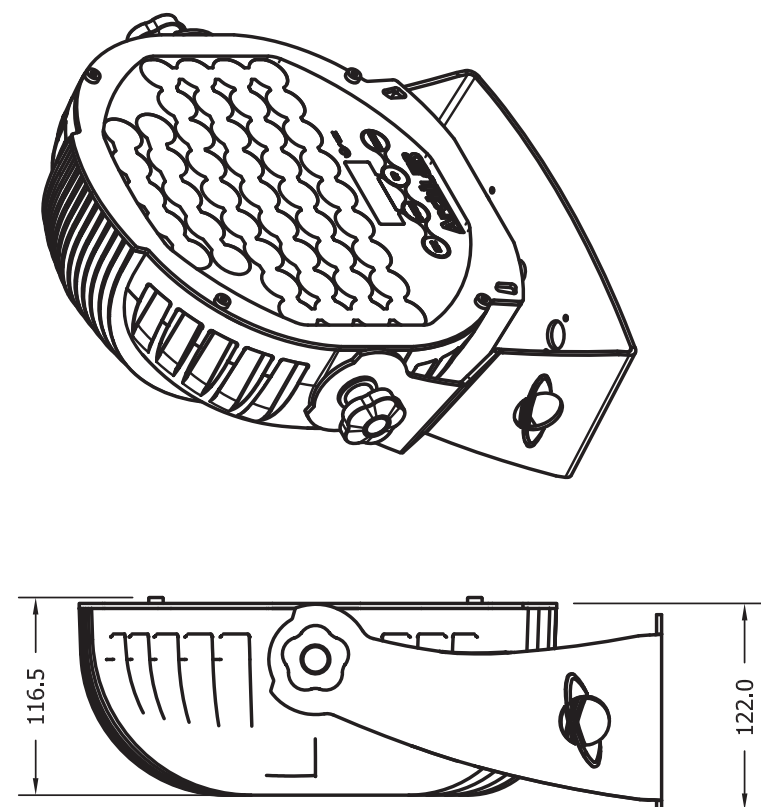
Mr./Mrs./Miss: .....

Address: .....

Tel. or E-mail : .....

Dealer: .....





ARCHILED 150 (art. 0701)  
ARCHILED 150 (art. 07011)

Studio Due



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