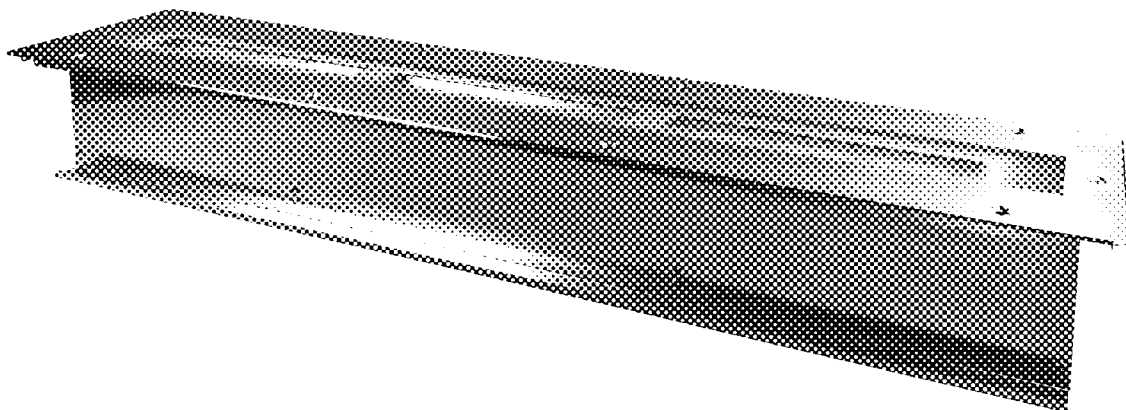


Studio Due[®]

emotion and creativity in light



Archibar_i RDM
INTEGRATED

RGBW
Monochromatic
White balance

User manual
Manuale d'uso

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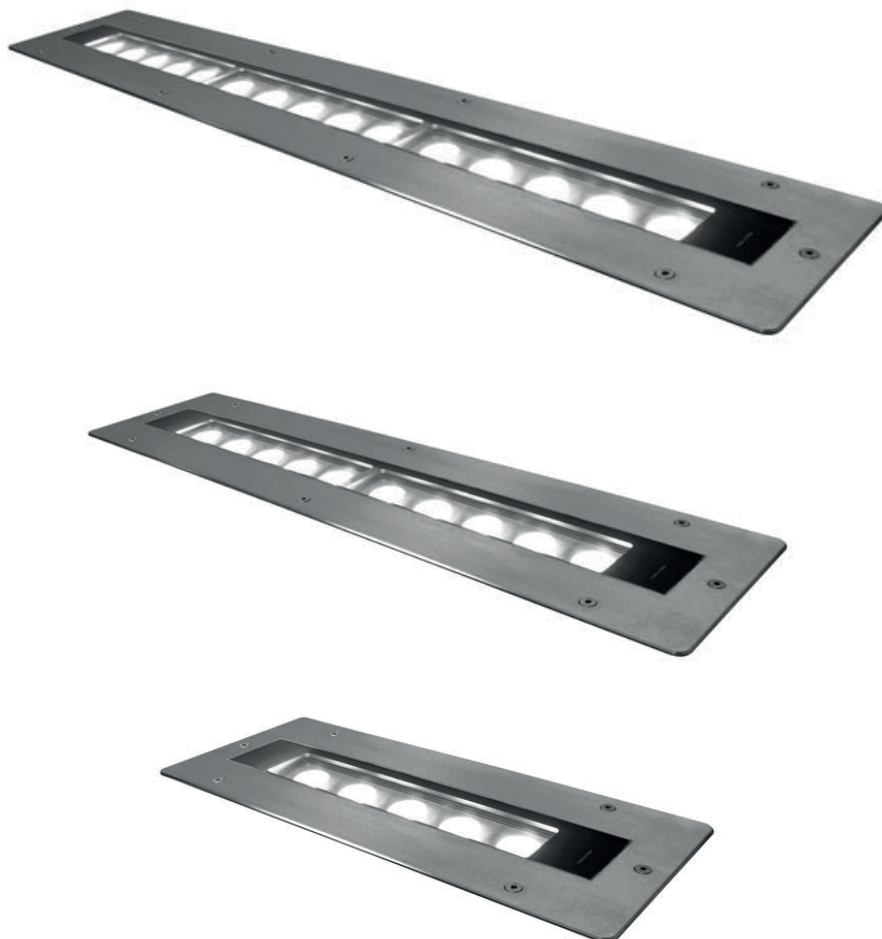
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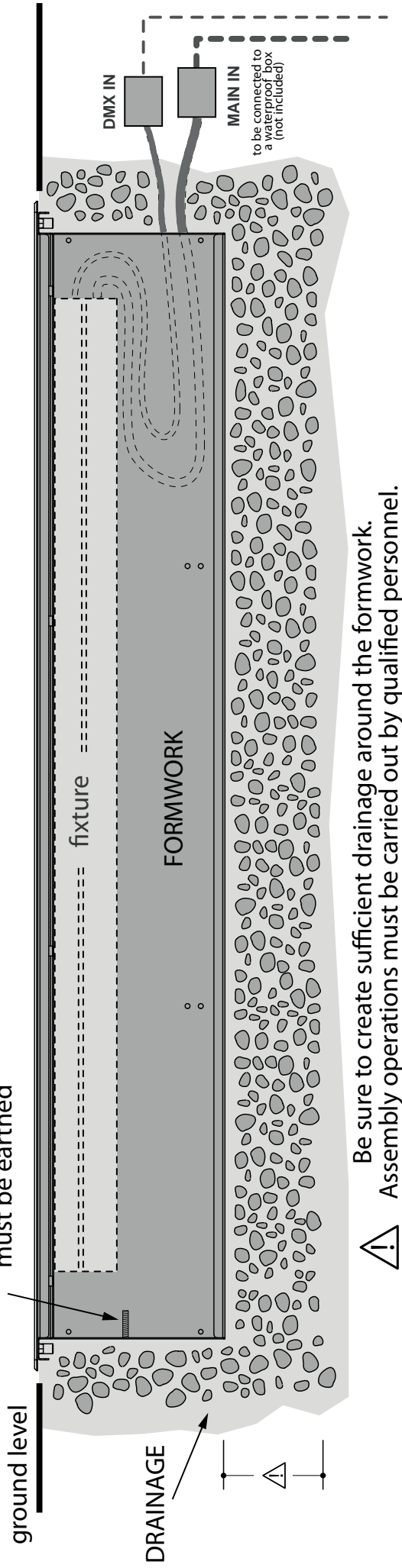


IMPORTANT BEFORE MOUNTING / IMPORTANTE PRIMA DEL MONTAGGIO



⚠ NOT SUITABLE FOR VEHICLES
NON CARRABILE

⚠ the formwork
must be earthed



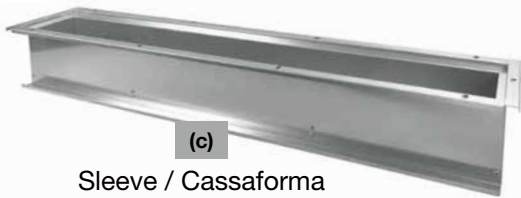
⚠ Be sure to create sufficient drainage around the formwork.
Assembly operations must be carried out by qualified personnel.

! IMPORTANT

INSTRUCTIONS FOR THE CORRECT APPLICATION OF THE SLEEVE OF THE FIXTURES. ALL VERSIONS.

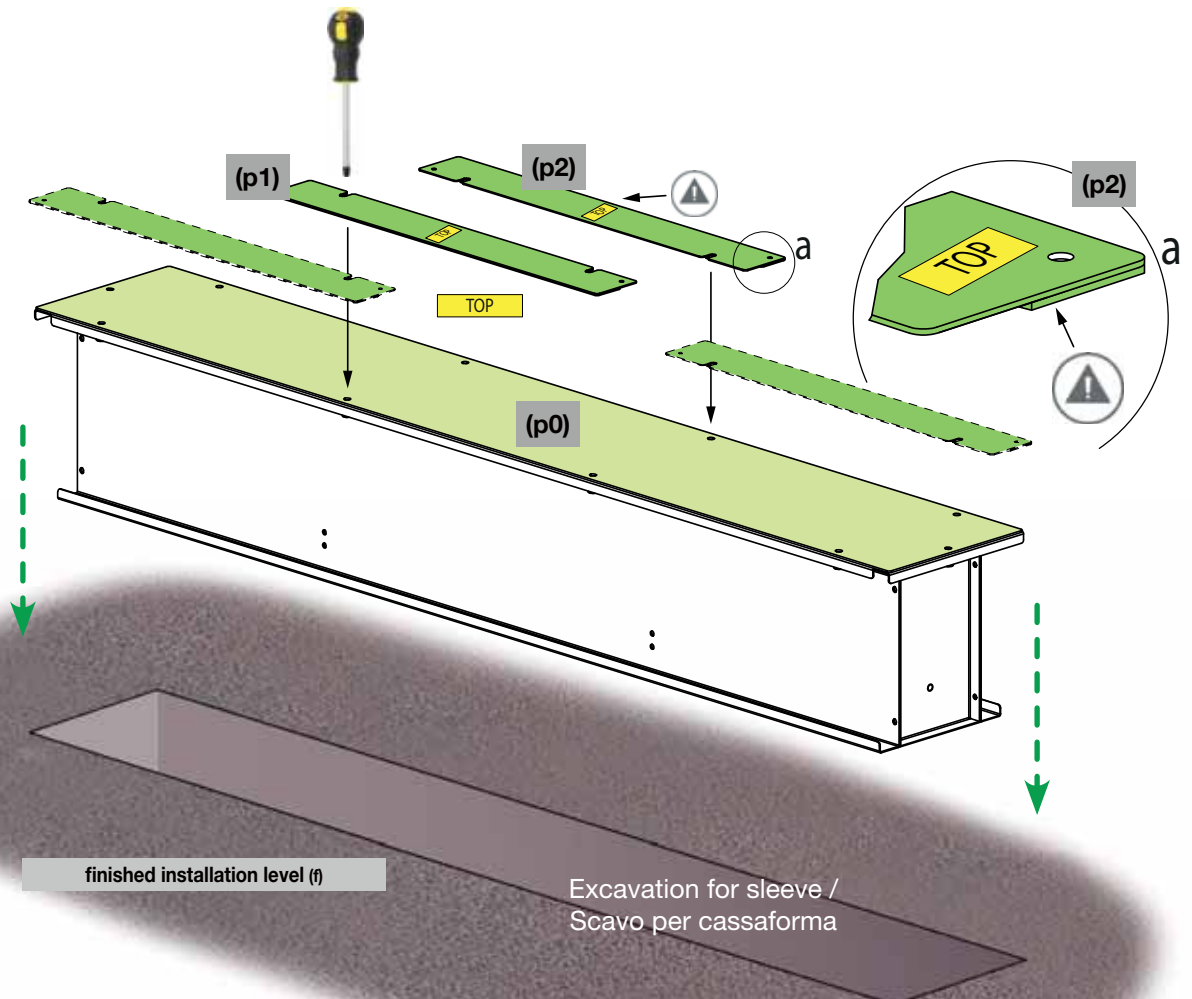
ISTRUZIONI PER LA CORRETTA POSA IN OPERA DELLA CASSAFORMA DEGLI APPARECCHI. TUTTE LE VERSIONI.

It is possible that the sleeve is supplied with the ARCHIBAR already assembled.
In this case, unscrew the appliance from the formwork and proceed as described in point (a).
E' possibile che la cassaforma venga fornita con la ARCHIBAR già montata.
In questo caso svitare l'apparecchio dalla cassaforma e procedere come descritto dal punto (a).



- a)** Position (fit) and screw on the sleeve the first adjustment plate (p1).
In the opposite position fit and screw the second adjustment plate (p2) as shown in the picture (a).
The sleeve is provided with a cover (p0).
PAY ATTENTION TO THE **TOP** POSITIONING TOWARDS UPWARDS.
POSITION THE TWO REGISTERS IN THE POINTS MOST SUITABLE FOR ASSEMBLY.

Posizionare (inserire) e avvitare sulla cassaforma il primo registro di livello terra (p1) nella posizione più idonea in base al terreno.
Nella posizione opposta, fissare e avvitare la seconda piastra di registro (p2) come mostrato nella figura (a).
La cassaforma è fornita di coperchio (p0).
FARE ATTENZIONE AL VERSO DI POSIZIONAMENTO **TOP** VERSO L'ALTO.
POSIZIONARE I DUE REGISTRI NEI PUNTI PIU' IDONEI AL MONTAGGIO.

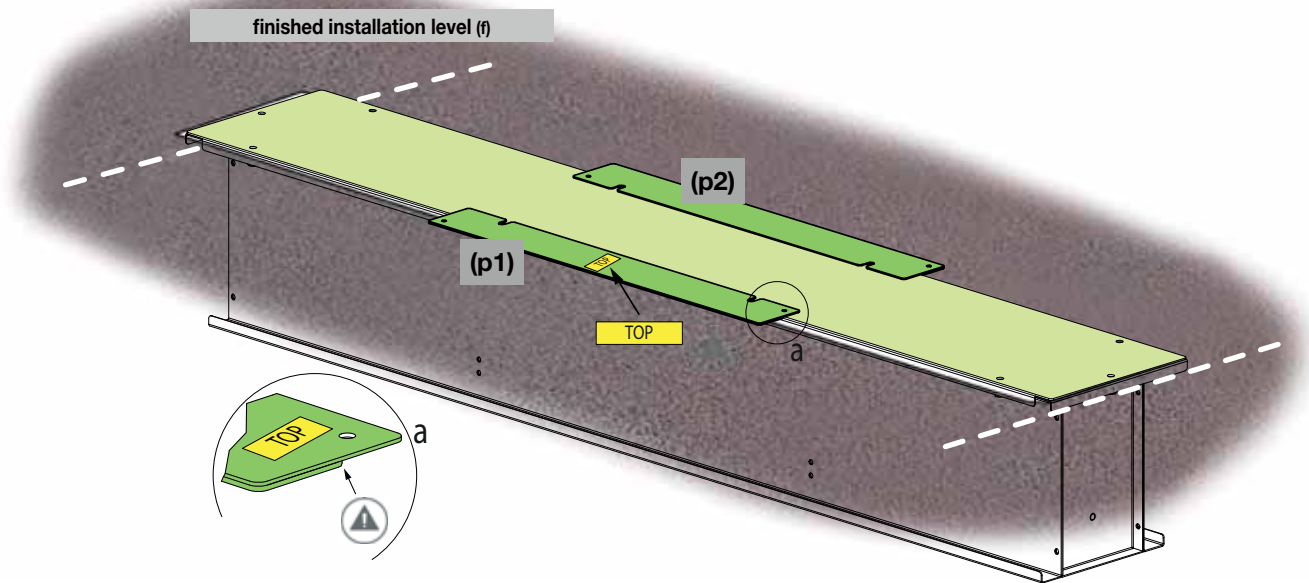


- b)** Insert the sleeve in the hole created to house the appliance so that the adjustment plates (p1 and p2) are at the finished installation level (f) and in the correct position on the support surface.

Posizionare la cassaforma nel foro creato per alloggiare l'apparecchio in modo che le piastre di registro (p1 e p2) si trovino al livello finito di installazione (f) e in posizione corretta sul piano di appoggio.

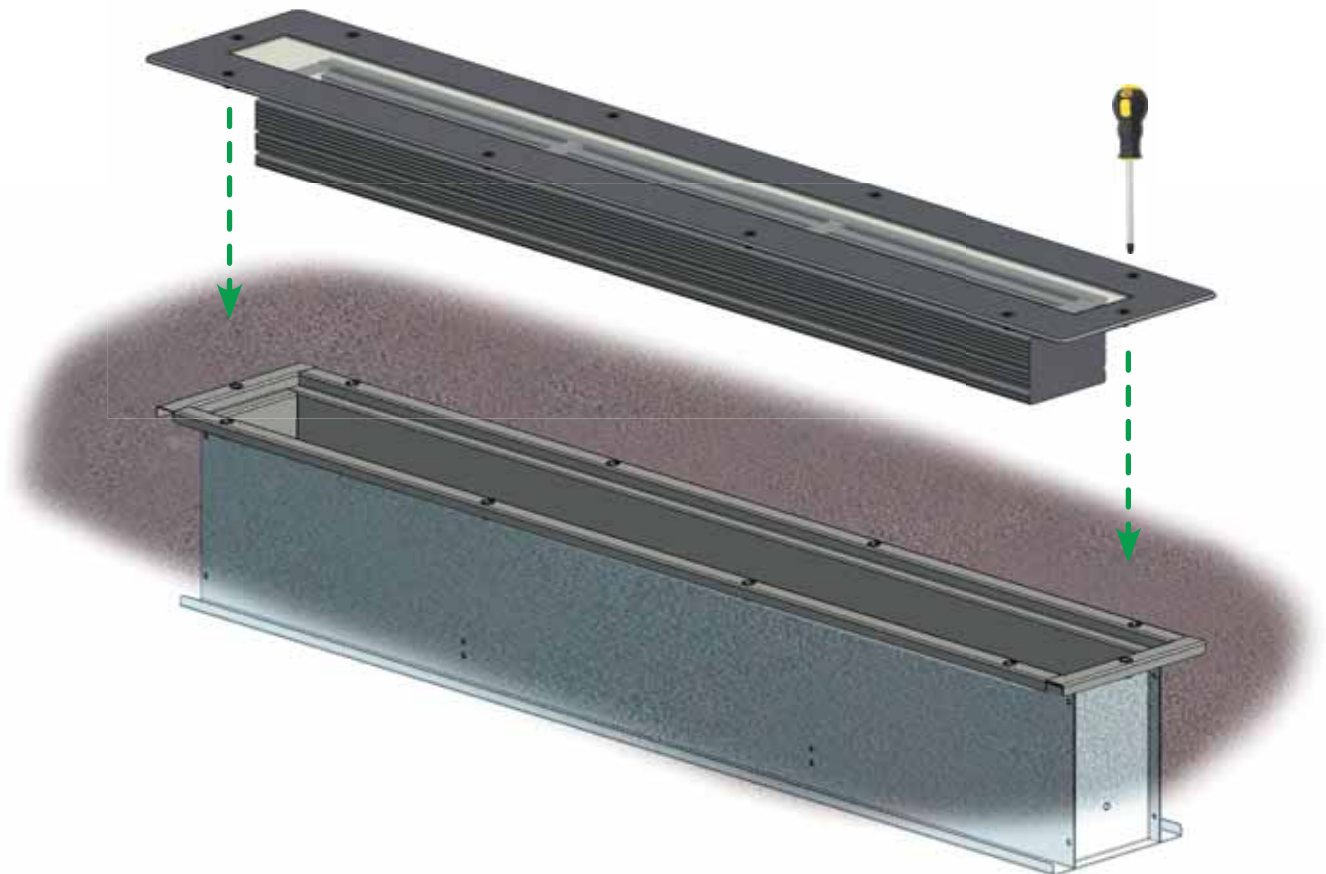
- c)** The plates p1 and p2 positioned in this way, allow to cement the sleeve in the correct position with the finished installation level (f). See picture (c).

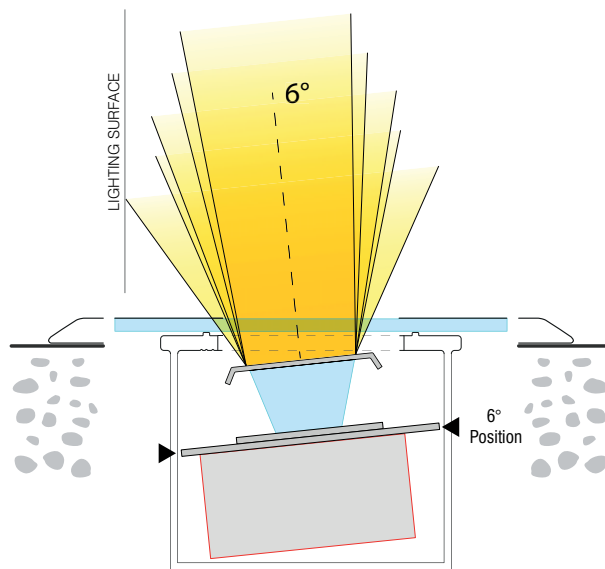
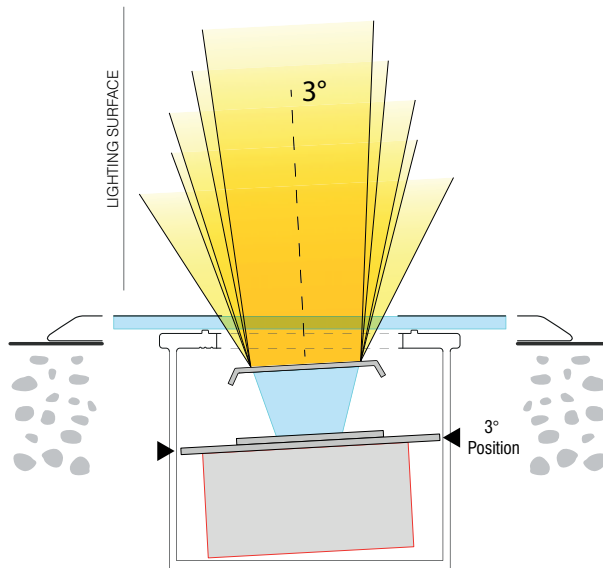
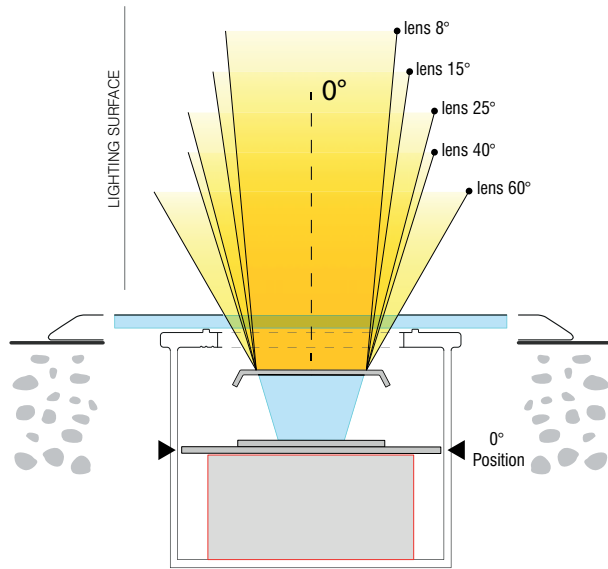
Le piastre p1 e p2 posizionate in questo modo, consentono di cementare la cassaforma nella posizione corretta con il livello finito di installazione (f). Vedi immagine (c).



- d)** Remove the plates p1, p2 and p0. The sleeve is now correctly positioned.
Rimuovere le piastre p1, p2 e p0. La cassaforma è ora posizionata in modo corretto.

- e)** Wire and place the appliance in the sleeve and screw the supplied screws.
Cablare e posizionare l'apparecchio nella cassaforma e avvitare le viti in dotazione.





**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 life, must be collected separately. It shouldn't be thrown as urban waste and neither released in the environment.

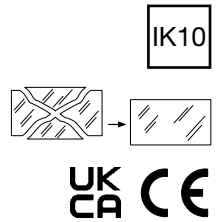
It must be collected from the nearest special waste collection point or consigned to your dealer that provides the service. The incorrect waste disposal can damage the environment and the people for the presence of dangerous substances. Sanctions are provided for an unauthorized disposal.

**•PROTECTION AGAINST FIRE**

- 1) Maintain minimum distance of 0,1 meter to lighted objects.
- 2) Replace fuses (if present) only with the specified type and rating.
- 3) Do not install the fixture close to heat sources. Do not lay the connection cable on the fixture when it is warm.
- 4) Fixture designed to be installed on normally flammable surfaces.

•PROTECTION AGAINST ELECTRIC SHOCK

- 1) **This equipment and the formwork (sleeve) 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).
- 4) To replace the LEDs, contact: Studio Due Trade Srls.
- 5) If the external flexible cable of this appliance is damaged, it must only be replaced by the manufacturer, its assistance service, or equivalent qualified personnel, in order to avoid dangers.

**•PROTECTION AGAINST MECHANICAL HAZARDS**

- 1) 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.
- 2) Do not look directly into the illuminated LEDs of the product for long periods of time. LED lamps can cause eye damage or irritation. Do not look directly into the light source using an optical instrument that focuses on the light beams.



The device should be positioned so that there is no prolonged observation of the device at a distance of less than 100cm. (RG1 – IEC/TR 62778:2014).

**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

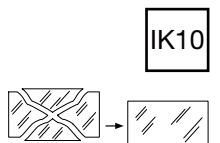
A fine vita è oggetto di raccolta separata, non gettare nei comuni cassonetti di rifiuti urbani, né tantomeno nell'ambiente. Può essere consegnato presso gli appositi centri di raccolta differenziata predisposti dalle amministrazioni comunali, oppure presso i rivenditori che forniscono questo servizio. 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 0,1 metri dagli oggetti illuminati.
- 2) Sostituire i fusibili (se presenti) solo con altri dello stesso tipo e valore.
- 3) Non installare il faro vicino fonti di calore. Non appoggiare il cavo di connessione sul faro quando questo è caldo.
- 4) Questo apparecchio è adatto per il montaggio su superfici normalmente incombustibili.

•PROTEZIONE CONTRO SCOSSE ELETTRICHE

- 1) **Questo apparecchio e la cassaforma necessitano 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) 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.
- 2) Non guardare direttamente nei LED illuminati del prodotto per lunghi periodi di tempo. Le lampade a LED possono causare danni o irritazione agli occhi. Non guardare direttamente nella sorgente luminosa utilizzando uno strumento ottico che si concentra sui fasci di luce. L'apparecchio dovrebbe essere posizionato in modo che non sia prevista un'osservazione prolungata dell'apparecchio ad una distanza inferiore di 100cm. (RG1 – IEC/TR 62778:2014).



INTRODUCTION

Thanks for using Archibar SL160-inground RDM.

Available in RGBW/FC and MONOCHROMATIC light source as well as in WHITE BALANCE all with manual TILT 0-6°.

INGROUND LED linear bar which combines aesthetic and resistance with ideal performance in a versatile projector.

Waterproof and tremendously resistant. **Standard 90cm. On request 60cm. and 30cm.**

NOT SUITABLE FOR VEHICLES.

- **Art. Archibar SL160-i RDM RGBW**
- **Art. Archibar SL160-i RDM WB White Balance**
- **Art. Archibar SL160-i RDM M Monochromatic - DIMMABLE**
- **Art. Archibar SL160-i M Monochromatic - PLUG-IN**

To obtain the best performances and for a correct functioning of this unit for the years to come, we suggest you to read carefully this manual before connecting or putting the fixture 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 + formwork (sleeve)
- User manual
- Studio Due warranty
- CE standards

**WARNING**

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

INTRODUZIONE

Vi ringraziamo per l'utilizzo del nostro Archibar SL160-inground RDM.

Disponibile in versione RGBW, MONOCROMATICA e WHITE BALANCE tutte con TILT manuale 0-6°.

Barra lineare LED INGROUND che combina estetica e resistenza con prestazioni eccezionali in un proiettore versatile.

Impermeabile e altamente resistente. **Standard 90cm. A richiesta 60cm. e 30cm.**

NON CARRABILE.

- **Art. Archibar SL160-i RDM RGBW**
- **Art. Archibar SL160-i RDM WB White Balance**
- **Art. Archibar SL160-i RDM M Monochromatic - DIMMERABILE**
- **Art. Archibar SL160-i M Monochromatic - PLUG-IN**

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 utilizzarla facilmente.

VOSTRA REFERENZA

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

CONFEZIONE BASE

- Proiettore + cassaforma
- Manuale d'uso
- Garanzia Studio Due
- Dichiarazione CE

**IMPORTANTE**

**Controllate che l'apparecchio non abbia subito alcun danno durante il trasporto.
Se aveste 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.**



standard 90cm

Technical Specification

LED type	RGBW TX-5050-10W
Number of LEDs	15
LED expected lifetime (hrs)	50000
Lumen MAX	6000
Red lumen (lm)	1425
Green lumen (lm)	1950
Blu lumen (lm)	420
White lumen (lm)	2625
Lenses	8° 10°x50° 15° 15°x30° 25° 40° 60°
Filters (optional)	None Elliptical projection filter 60° x 1° (1° = native lens) horizontal
Connectors and cables	Main Power: 3x1mm cable H07 1mt DMX signal: 1mt shielded cable bare ends
Control type	DMX - RDM DMX - RDM + Wireless (on request)
Functions	Dedicated DMX channel for white balance from 2000K to 10000K DMX or Auto Mode with Master-Slave function Intelligent temperature control Continuous dimming 0-100% Smooth dimming function Ultrafast strobe effect Halogen simulation CYM simulation Flicker-free function
Setup	RDM/DRS
DMX channels	9ch - 6ch - 5ch - 4ch
Input range	100 - 277 VAC; 47/63 Hz
Power (W)	83
Current	0,36A@230VAC
Tilt	Manual 0° 3° 6°
IP protection rating	67
IK grade protection	10
Operating temperature	-20°C +40°C
Sizes l x p x h (mm)	1063x182x173 mm
Weight (Kgs)	15
Materials	Ultra clear 12mm tempered glass PMMA lenses Aluminium alloy housing Stainless steel AISI 304 flange
Mounting systems	Inground
Marine Grade treatment	None Yes
Product Category	Inground



60cm



Technical Specification

LED type	RGBW TX-5050-10W
Number of LEDs	10
LED expected lifetime (hrs)	50000
Lumen MAX	4000
Red lumen (lm)	950
Green lumen (lm)	1300
Blu lumen (lm)	280
White lumen (lm)	1750
Lenses	8° 10°x50° 15° 15°x30° 25° 40° 60°
Filters (optional)	None Elliptical projection filter 60° x 1° (1° = native lens) horizontal
Connectors and cables	Main Power: 3x1mm cable H07 1mt DMX signal: 1mt shielded cable bare ends
Control type	DMX - RDM DMX - RDM + Wireless (on request)
Functions	RDM/DRS
Functions	Dedicated DMX channel for white balance from 2000K to 10000K DMX or Auto Mode with Master-Slave function Intelligent temperature control Continuous dimming 0-100% Smooth dimming function Ultrafast strobe effect Halogen simulation CYM simulation Flicker-free function
Setup	RDM/DRS
DMX channels	9ch - 6ch - 5ch - 4ch
Input range	100 - 277 VAC; 47/63 Hz
Power (W)	55
Current	0,24A@230VAC
Tilt	Manual 0° 3° 6°
IP protection rating	67
IK grade protection	10
Operating temperature	-20°C +40°C
Sizes l x p x h (mm)	763 X 182 x 173 mm
Weight (Kgs)	xxx
Materials	Ultra clear 12mm tempered glass PMMA lenses Aluminium alloy housing Stainless steel AISI 304 flange
Mounting systems	Inground
Marine Grade treatment	None Yes
Product Category	Inground



30cm

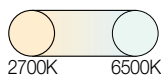


Technical Specification

LED type	RGBW TX-5050-10W
Number of LEDs	5
LED expected lifetime (hrs)	50000
Lumen MAX	2000
Red lumen (lm)	475
Green lumen (lm)	650
Blu lumen (lm)	140
White lumen (lm)	875
Lenses	8° 10°x50° 15° 15°x30° 25° 40° 60°
Filters (optional)	None Elliptical projection filter 60° x 1° (1° = native lens) horizontal
Connectors and cables	Main Power: 3x1mm cable H07 1mt DMX signal: 1mt shielded cable bare ends
Control type	DMX - RDM DMX - RDM + Wireless (on request)
Functions	RDM/DRS Dedicated DMX channel for white balance from 2000K to 10000K DMX or Auto Mode with Master-Slave function Intelligent temperature control Continuous dimming 0-100% Smooth dimming function Ultrafast strobe effect Halogen simulation CYM simulation Flicker-free function
Setup	RDM/DRS
DMX channels	9ch - 6ch - 5ch - 4ch
Input range	100 - 277 VAC; 47/63 Hz
Power (W)	28
Current	0,15A@230VAC
Tilt	Manual 0° 3° 6°
IP protection rating	67
IK grade protection	10
Operating temperature	-20°C +40°C
Sizes l x p x h (mm)	450 x 182 x 173
Weight (Kgs)	xxx
Materials	Ultra clear 12mm tempered glass PMMA lenses Aluminium alloy housing Stainless steel AISI 304 flange
Mounting systems	Inground
Marine Grade treatment	None Yes
Product Category	Inground

TECHNICAL FEATURES / CARATTERISTICHE TECNICHE

White Balance



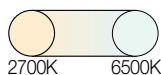
standard 90cm

Technical Specification

LED type	CW+WW (5W)
Number of LEDs	15 (2700K) + 15 (6500K)
Lumen MAX	7500
Lenses	8° 10°x50° 15° 15°x30° 25° 40° 60°
Filters (optional)	None Elliptical projection filter 60° x 1° (1° = native lens) horizontal
Connectors and cables	Main Power: 3x1mm cable H07 1mt DMX signal: 1mt shielded cable bare ends
Control type	DMX - RDM DMX - RDM + Wireless (on request) DMX - RDM + DALI DMX - RDM + DALI + Wireless (on request) DALI DT8
Functions	Dedicated DMX channel for white balance from 2000K to 10000K DMX or Auto Mode with Master-Slave function Intelligent temperature control Continuous dimming 0-100% Smooth dimming function Ultrafast strobe effect Halogen simulation Flicker-free function
Setup	RDM/DRS
DMX channels	4ch - 2ch - 1ch
Input range	100 - 277 VAC; 47/63 Hz
Power (W)	55
Current	0,23A@230VAC
Tilt	Manual 0° 3° 6°
IP protection rating	67
IK grade protection	10
Operating temperature	-20°C +40°C
Sizes l x p x h (mm)	1063x182x173 mm
Weight (Kgs)	10
Materials	Ultra clear 12mm tempered glass PMMA lenses Aluminium alloy housing Stainless steel AISI 304 flange
Mounting systems	Inground
Colour finishing	None
Marine Grade treatment	None Yes
Product Category	Inground

TECHNICAL FEATURES / CARATTERISTICHE TECNICHE

White Balance



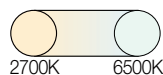
60cm

Technical Specification

LED type	CW+WW (5W)
Number of LEDs	10 (2700K) + 10 (6500K)
Lumen MAX	5000
Lenses	8° 10°x50° 15° 15°x30° 25° 40° 60°
Filters (optional)	None Elliptical projection filter 60° x 1° (1° = native lens) horizontal
Connectors and cables	Main Power: 3x1mm cable H07 1mt DMX signal: 1mt shielded cable bare ends
Control type	DMX - RDM DMX - RDM + Wireless (on request) DMX - RDM + DALI DMX - RDM + DALI + Wireless (on request) DALI DT8
Functions	Dedicated DMX channel for white balance from 2000K to 10000K DMX or Auto Mode with Master-Slave function Intelligent temperature control Continuous dimming 0-100% Smooth dimming function Ultrafast strobe effect Halogen simulation Flicker-free function
Setup	RDM/DRS
DMX channels	4ch - 2ch - 1ch
Input range	100 - 277 VAC; 47/63 Hz
Power (W)	36
Current	0,15A@230VAC
Tilt	Manual 0° 3° 6°
IP protection rating	67
IK grade protection	10
Operating temperature	-20°C +40°C
Sizes l x p x h (mm)	763 X 182 x 173 mm
Weight (Kgs)	xxx
Materials	Ultra clear 12mm tempered glass PMMA lenses Aluminium alloy housing Stainless steel AISI 304 flange
Mounting systems	Inground
Colour finishing	None
Marine Grade treatment	None Yes
Product Category	Inground

TECHNICAL FEATURES / CARATTERISTICHE TECNICHE

White Balance



30cm

Technical Specification

LED type	CW+WW (5W)
Number of LEDs	5 (2700K) + 5 (6500K)
Lumen MAX	2500
Lenses	8° 10°x50° 15° 15°x30° 25° 40° 60°
Filters (optional)	None Elliptical projection filter 60° x 1° (1° = native lens) horizontal
Connectors and cables	Main Power: 3x1mm cable H07 1mt DMX signal: 1mt shielded cable bare ends
Control type	DMX - RDM DMX - RDM + Wireless (on request) DMX - RDM + DALI DMX - RDM + DALI + Wireless (on request) DALI DT8
Functions	Dedicated DMX channel for white balance from 2000K to 10000K DMX or Auto Mode with Master-Slave function Intelligent temperature control Continuous dimming 0-100% Smooth dimming function Ultrafast strobe effect Halogen simulation Flicker-free function
Setup	RDM/DRS
DMX channels	4ch - 2ch - 1ch
Input range	100 - 277 VAC; 47/63 Hz
Power (W)	25
Current	0,07A@230VAC
Tilt	Manual 0° 3° 6°
IP protection rating	67
IK grade protection	10
Operating temperature	-20°C +40°C
Sizes l x p x h (mm)	450 x 182 x 173
Weight (Kgs)	xxx
Materials	Ultra clear 12mm tempered glass PMMA lenses Aluminium alloy housing Stainless steel AISI 304 flange
Mounting systems	Inground
Colour finishing	None
Marine Grade treatment	None Yes
Product Category	Inground

TECHNICAL FEATURES / CARATTERISTICHE TECNICHE



**standard 90cm
dimmmable**



Technical Specification

LED type	WHITE 3000K WHITE 4000K WHITE 6000K RED GREEN BLUE AMBER
Number of LEDs	15
Lumen MAX	7500
Lenses	4° 8° 10°x50° 15° 15°x30° 25° 40° 60°
Filters (optional)	None Elliptical projection filter 60° x 1° (1° = native lens) horizontal
Connectors and cables	Main Power: 3x1mm cable H07 1mt DMX signal: 1mt shielded cable bare ends
Control type	DMX - RDM DMX - RDM + Wireless (on request) DMX - RDM + DALI DMX - RDM + DALI + Wireless (on request) DALI DT6
Functions	Dedicated DMX channel for white balance from 2000K to 10000K DMX or Auto Mode with Master-Slave function Intelligent temperature control Continuous dimming 0-100% Smooth dimming function Ultrafast strobe effect Halogen simulation Flicker-free function
Setup	RDM/DRS
DMX channels	3ch - 1ch
Input range	100 - 277 VAC; 47/63 Hz
Power (W)	55
Current	0,23A@230VAC
Tilt	Manual 0° 3° 6°
IP protection rating	67
IK grade protection	10
Operating temperature	-20°C +40°C
Sizes l x p x h (mm)	1063 x182x173
Weight (Kgs)	10
Materials	Ultra clear 12mm tempered glass PMMA lenses Aluminium alloy housing Stainless steel AISI 304 flange
Mounting systems	Inground
Marine Grade treatment	None Yes
Product Category	Inground

TECHNICAL FEATURES / CARATTERISTICHE TECNICHE



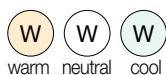
**60cm
dimnable**



Technical Specification

LED type	WHITE 2700K WHITE 3000K WHITE 4000K WHITE 6500K RED GREEN BLUE AMBER
Number of LEDs	10
Lumen MAX	5000
Lenses	4° 8° 10°x50° 15° 15°x30° 25° 40° 60°
Filters (optional)	None Elliptical projection filter 60° x 1° (1° = native lens) horizontal
Connectors and cables	Main Power: 3x1mm cable H07 1mt DMX signal: 1mt shielded cable bare ends
Control type	DMX - RDM DMX - RDM + Wireless (on request) DMX - RDM + DALI DMX - RDM + DALI + Wireless (on request) DALI DT6
Functions	Dedicated DMX channel for white balance from 2000K to 10000K DMX or Auto Mode with Master-Slave function Intelligent temperature control Continuous dimming 0-100% Smooth dimming function Ultrafast strobe effect Halogen simulation Flicker-free function
Setup	RDM/DRS
DMX channels	3ch - 1ch
Input range	100 - 277 VAC; 47/63 Hz
Power (W)	36
Current	0,15A@230VAC
Tilt	Manual 0° 3° 6°
IP protection rating	67
IK grade protection	10
Operating temperature	-20°C +40°C
Sizes l x p x h (mm)	763 x 182 x 173
Weight (Kgs)	xxx
Materials	Ultra clear 12mm tempered glass PMMA lenses Aluminium alloy housing Stainless steel AISI 304 flange
Mounting systems	Inground
Marine Grade treatment	None Yes
Product Category	Inground

TECHNICAL FEATURES / CARATTERISTICHE TECNICHE



warm neutral cool



**30cm
dimmable**

Technical Specification

LED type	WHITE 2700K WHITE 4000K WHITE 6500K RED GREEN BLUE AMBER
Number of LEDs	5
Lumen MAX	2500
Lenses	4° 8° 10°x50° 15° 15°x30° 25° 40° 60°
Filters (optional)	None Elliptical projection filter 60° x 1° (1° = native lens) horizontal
Connectors and cables	Main Power: 3x1mm cable H07 1mt DMX signal: 1mt shielded cable bare ends
Control type	DMX - RDM DMX - RDM + Wireless (on request) DMX - RDM + DALI DMX - RDM + DALI + Wireless (on request) DALI DT6
Functions	Dedicated DMX channel for white balance from 2000K to 10000K DMX or Auto Mode with Master-Slave function Intelligent temperature control Continuous dimming 0-100% Smooth dimming function Ultrafast strobe effect Halogen simulation Flicker-free function
Setup	RDM/DRS
DMX channels	3ch - 1ch
Input range	100 - 277 VAC; 47/63 Hz
Power (W)	18
Current	0,07A@230VAC
Tilt	Manual 0° 3° 6°
IP protection rating	67
IK grade protection	10
Operating temperature	-20°C +40°C
Sizes l x p x h (mm)	450 x 182 x 173
Weight (Kgs)	xxx
Materials	Ultra clear 12mm tempered glass PMMA lenses Aluminium alloy housing Stainless steel AISI 304 flange
Mounting systems	Inground
Marine Grade treatment	None Yes
Product Category	Inground

TECHNICAL FEATURES / CARATTERISTICHE TECNICHE



**standard 90cm
plug-in**



Technical Specification

LED type	WHITE 2700K WHITE 3000K WHITE 6500K RED GREEN BLUE AMBER
Number of LEDs	15
Lumen MAX	7500
Lenses	4° 8° 10°x50° 15° 15°x30° 25° 40° 60°
Filters (optional)	None Elliptical projection filter 60° x 1° (1° = native lens) horizontal
Connectors and cables	Main Power: 3x1mm cable H07 1mt
Control type	Plug-in
Functions	N/A
Input range	100 - 277 VAC; 47/63 Hz
Power (W)	55
Current	0,23A@230VAC
Tilt	Manual 0° 3° 6°
IP protection rating	67
IK grade protection	10
Operating temperature	-20°C +40°C
Sizes l x p x h (mm)	1063 x182x173
Weight (Kgs)	15
Materials	Ultra clear 12mm tempered glass PMMA lenses Aluminium alloy housing Stainless steel AISI 304 flange
Mounting systems	Inground
Marine Grade treatment	None Yes
Product Category	Inground

TECHNICAL FEATURES / CARATTERISTICHE TECNICHE



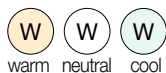
**60cm
plug-in**



Technical Specification

LED type	WHITE 2700K WHITE 3000K WHITE 4000K WHITE 6500K RED GREEN BLUE AMBER
Number of LEDs	10
Lumen MAX	5000
Lenses	4° 8° 10°x50° 15° 15°x30° 25° 40° 60°
Filters (optional)	None Elliptical projection filter 60° x 1° (1° = native lens) horizontal
Connectors and cables	Main Power: 3x1mm cable H07 1mt
Control type	Plug-in
Functions	N/A
Input range	100 - 277 VAC; 47/63 Hz
Power (W)	36
Current	0,15A@230VAC
Tilt	Manual 0° 3° 6°
IP protection rating	67
IK grade protection	10
Operating temperature	-20°C +40°C
Sizes l x p x h (mm)	763 x 182 x 173
Weight (Kgs)	xxx
Materials	Ultra clear 12mm tempered glass PMMA lenses Aluminium alloy housing Stainless steel AISI 304 flange
Mounting systems	Inground
Marine Grade treatment	None Yes
Product Category	Inground

TECHNICAL FEATURES / CARATTERISTICHE TECNICHE



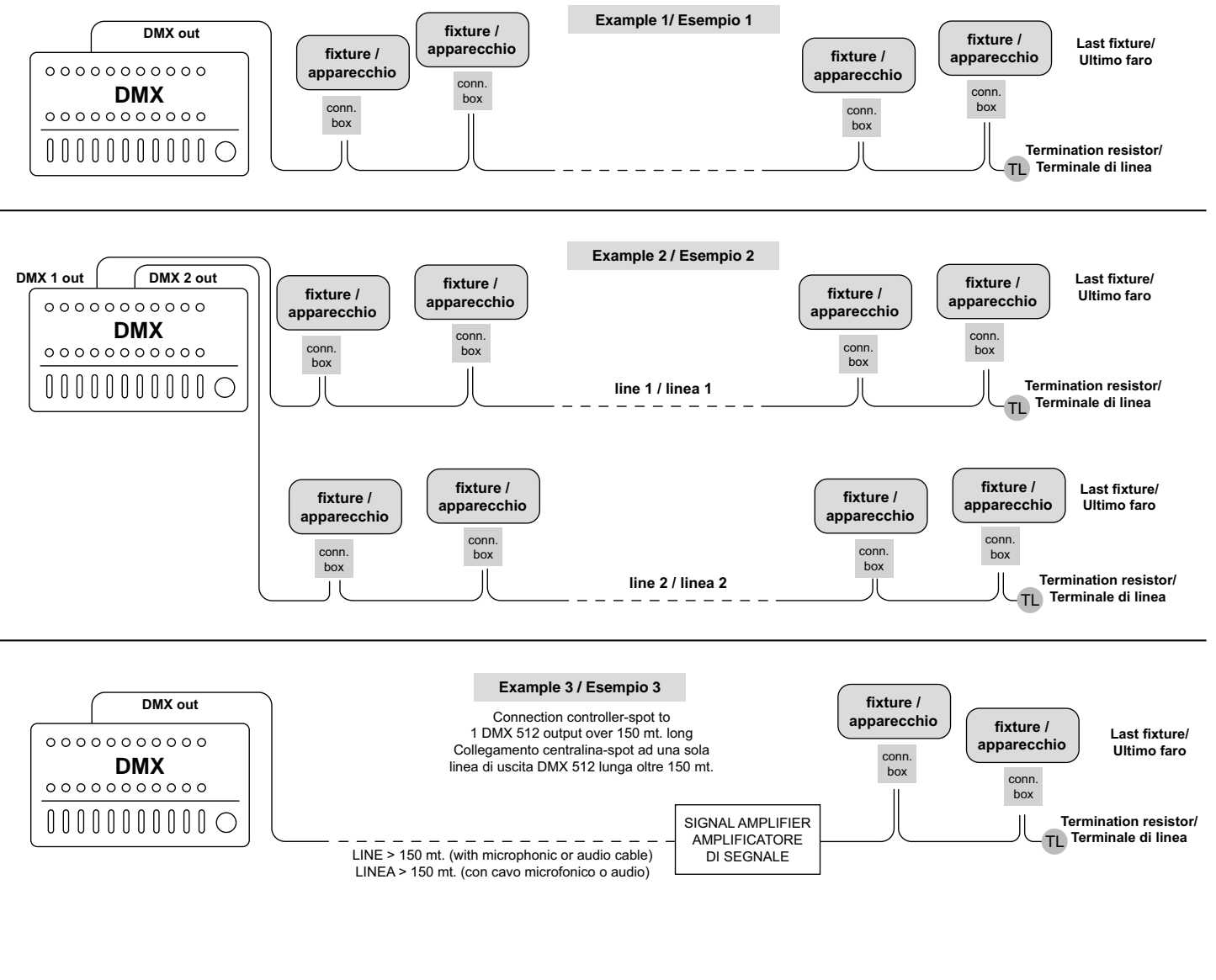
**30cm
plug-in**



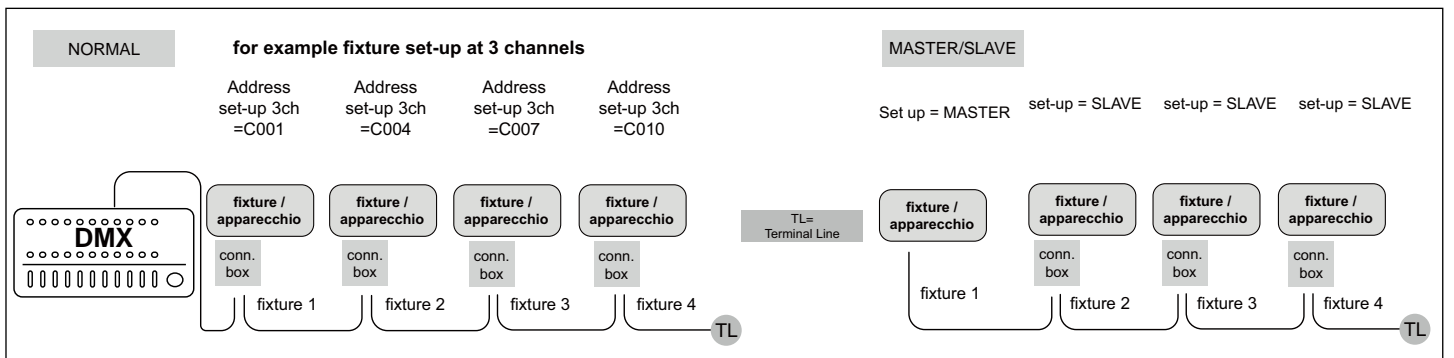
Technical Specification

LED type	WHITE 2700K WHITE 3000K WHITE 4000K WHITE 6500K RED GREEN BLUE AMBER
Number of LEDs	5
Lumen MAX	2500
Lenses	4° 8° 10°x50° 15° 15°x30° 25° 40° 60°
Filters (optional)	None Elliptical projection filter 60° x 1° (1° = native lens) horizontal
Connectors and cables	Main Power: 3x1mm cable H07 1mt
Control type	Plug-in
Functions	N/A
Input range	100 - 277 VAC; 47/63 Hz
Power (W)	15
Current	0,07A@230VAC
Tilt	Manual 0° 3° 6°
IP protection rating	67
IK grade protection	10
Operating temperature	-20°C +40°C
Sizes l x p x h (mm)	450 x 182 x 173
Weight (Kgs)	xxx
Materials	Ultra clear 12mm tempered glass PMMA lenses Aluminium alloy housing Stainless steel AISI 304 flange
Mounting systems	Inground
Marine Grade treatment	None Yes
Product Category	Inground

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



NORMAL AND MASTER/SLAVE FUNCTIONS / FUNZIONI NORMAL E MASTER/SLAVE



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.

IMPORTANT: to ensure the IP67 protection rating, in case of replacement of the conductor cable, refer to the CONDUCTOR SIZE TABLE

ita

Questo apparecchio necessita di messa a terra.

Apparecchio di Classe I. Il conduttore di protezione deve far parte del cavo di alimentazione.

IMPORTANTE: per garantire il grado di protezione IP67, in caso di sostituzione del cavo di alimentazione, fare riferimento alla TABELLA SEZIONE CONDUTTORE.



WARNING

HIGH VOLTAGE!

Always disconnect the mains supply before access to the connection area.

ALTA TENSIONE!

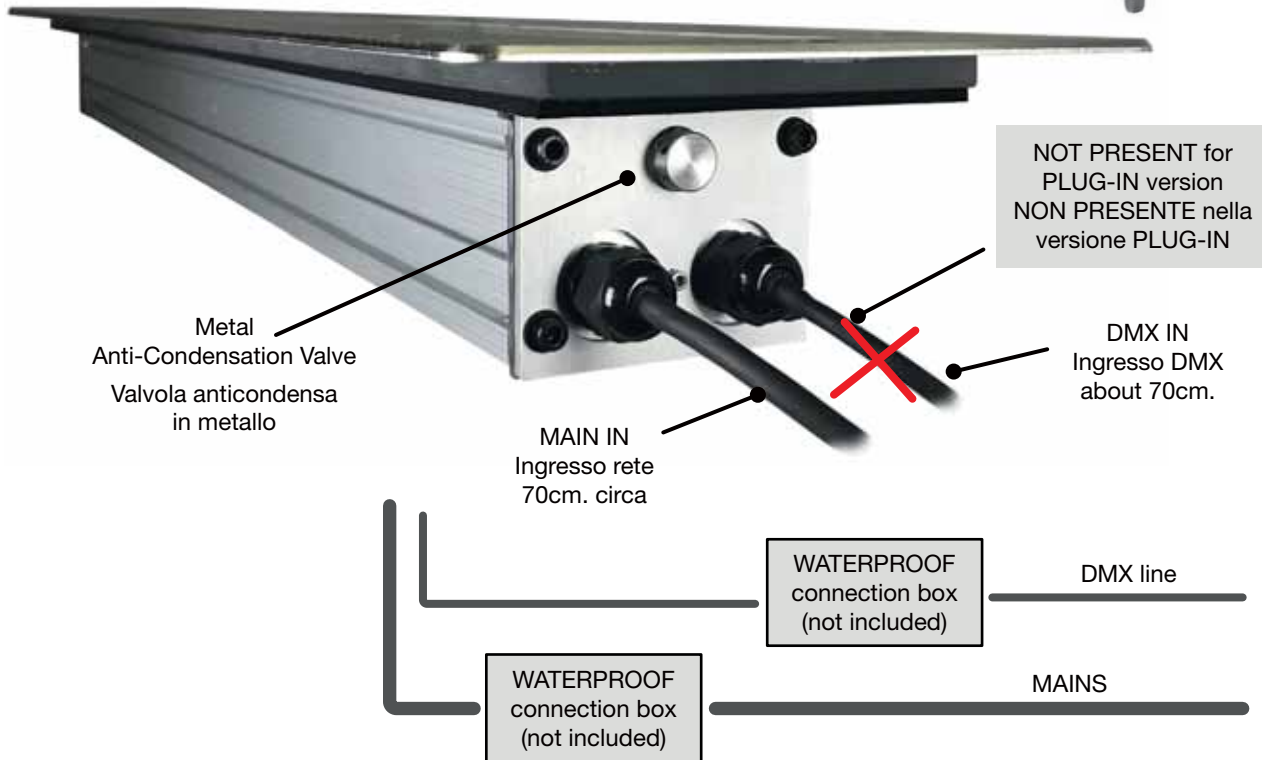
Scollegare sempre l'alimentazione prima di aprire il vano dei collegamenti.

Per accedere all'interno della cassaforma svitare le 10 viti poste nella flangia in acciaio.

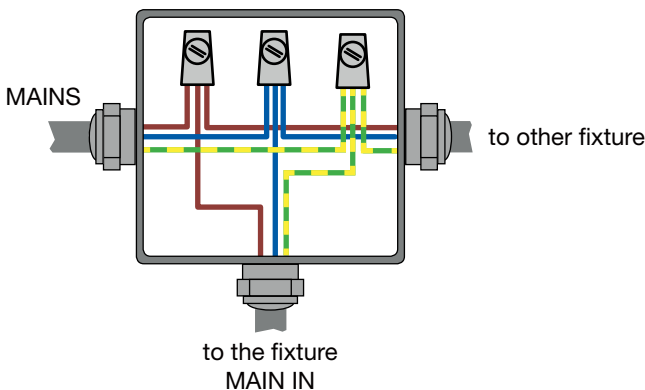
To access inside the formwork, unscrew the 10 screws placed in the steel flange.



NOT PRESENT for PLUG-IN version
NON PRESENTE nella versione PLUG-IN



MAINS CONNECTION
commercial > IP65 connection box
NOT INCLUDED



MAIN IN connection

- BROWN / 100/277Vac - 50-60Hz
- BLUE / NEUTRAL
- GREEN-YELLOW / GROUND

**POWER INPUT/
INGRESSO ALIMENTAZIONE Ø 6 - 12mm**

CONDUCTOR SIZES / SEZIONE CONDUTTORE (length / lunghezza < 20mt.)	
MAINS VOLTAGE	CROSS SELECTIONAL AREAS
230V	3X1 mm ² (minimum)

eng

DMX TERMINAL LINE

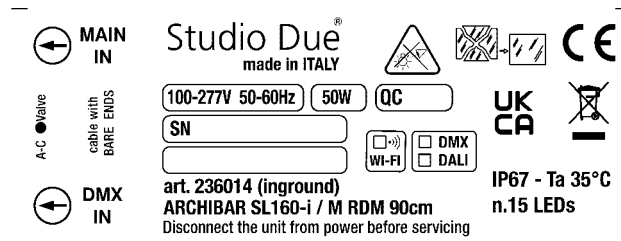
The wrong connection of the terminal line or its non-connection are probably the most frequent reasons for the defective functioning of the DMX line. The terminator is a terminal resistor fitted at the end of the cable furthest from the transmitter. The terminal resistor should have the same value as the impedance of the connection cable. We suggest to use a terminal with a 120 Ohm resistor. It is recommended that all DMX 512 systems have the terminal resistor fitted in the DMX output of the last fixture.

ita

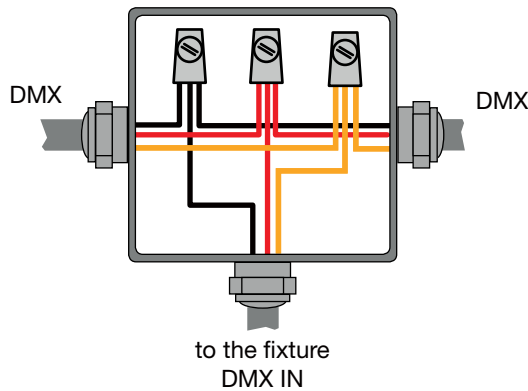
TERMINALE LINEA DMX

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

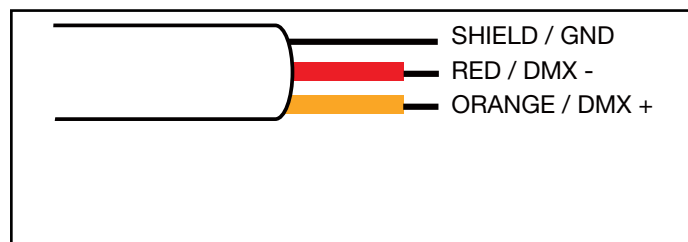
example of label on the rear of the fixture



DMX CONNECTION
commercial > IP65 connection box
NOT INCLUDED



DMX connection cable



SETUP and CONFIGURATION by DRS - DMX REMOTE SETUP
SETTAGGIO e CONFIGURAZIONE tramite DRS - DMX REMOTE SETUP

eng

The DRS it's a new concept of professional LED Lighting fixtures suitable for outdoor permanent installations. The LED Lighting fixtures can be driven via DMX through a specific electronic device, the DRS DMX Remote Setup, that grant the possibility to set up the scenarios and the games remotely. These LED Lighting fixtures have installed on board a series of programs including the stand alone function.

The DRS is a simple set up commander that linked with the DMX input of a LED Lighting fixture allow to program all the functions of the luminaire.

It's than possible to assign the DMX channel or use the Master/Slave function.

The device is powered through battery.

ita

DRS è il nuovo concetto dell'illuminazione LED per uso professionale nelle installazioni esterne permanenti.

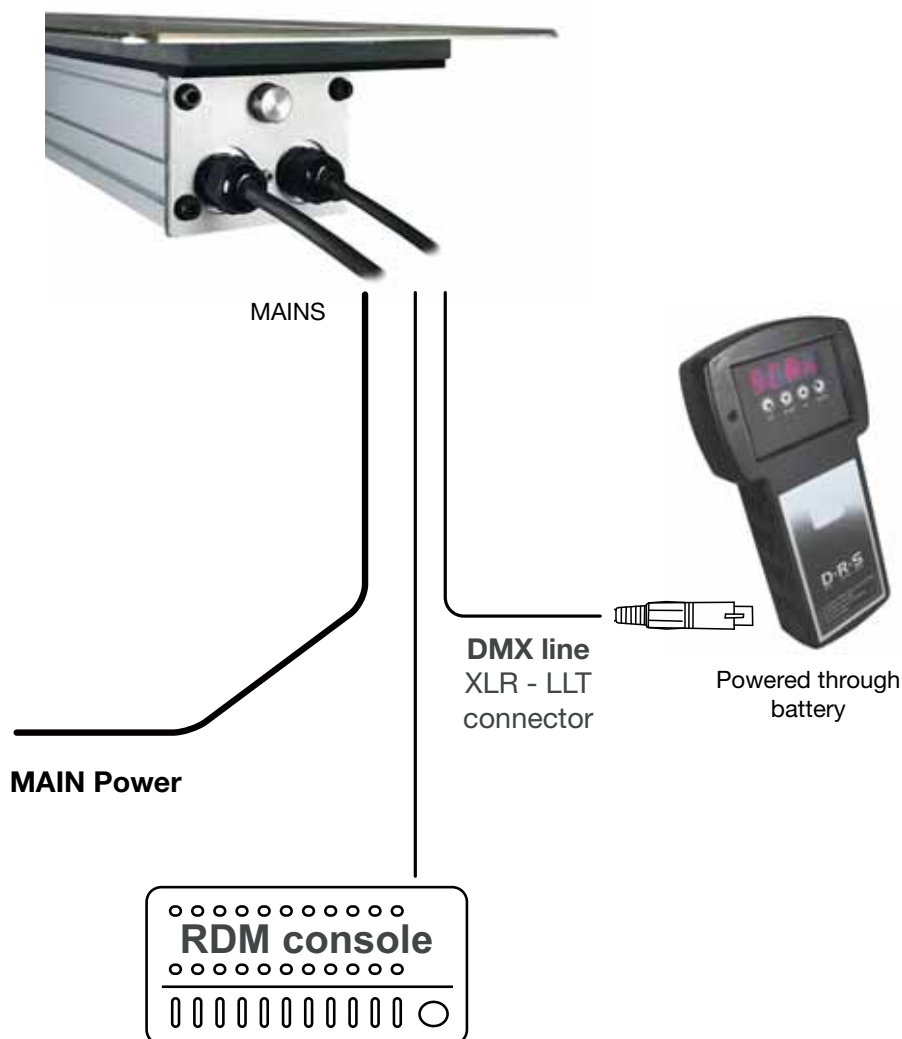
Gli apparecchi LED possono essere controllati e configurati tramite uno specifico controller: il DRS, DMX Remote Setup, il quale consente di programmare e configurare scene e giochi di luce in modalità remota.

Questi apparecchi LED hanno installati a bordo una serie di giochi che includono la funzione stand alone.

Il DRS, DMX Remote Setup, è un semplice set-up commander che collegato via DMX ad un'apparecchio consente la sua programmazione e configurazione.








E' possibile assegnare agli apparecchi collegati i canali DMX o utilizzazre la funzione Master/Slave.

Il DRS è alimentato a batterie.



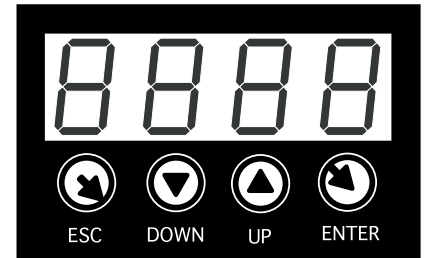
Dedicated DRS (DMX Remote Setup) FUNCTIONING

To make the set-up of the various fixture parameter, proceed as follow:








- Disconnect the fixture to set-up from the other DMX/RDM devices
- Connect the DMX cable of the fixture to the DRS commander
-  Switch on the DRS commander (Press any button) and wait for the **8888** sign
-  If the DRS commander detects a compatible DRS device, displays shortly the **Conn** written and afterwards, displays the name of the fixture and its software version.
-  If the DRS commander don't detects any compatible DRS device or is present any malfunction, the display shows the **SCAn** written
-  When the detection sequence is finished, the display shows the first menu
-  The UP/DOWN buttons allow to scroll forward/backward the menu list
-  The ENTER button allow to confirm the selected option (if the parameter is flashing)
-  The ESC button allow to delete the operation and return to a previous menu level



DRS Setup

**FUNZIONAMENTO DI BASE DEL DRS dedicato (DMX remote Setup)**















Per effettuare la programmazione dei vari parametri di un apparecchio, è necessario procedere come segue:

- Disconnettere l'apparecchio da configurare da altri dispositivi DMX/RDM
- Collegare il cavo DMX dell'apparecchio da configurare, al programmatore DRS
-  Accendere il programmatore DRS (premere qualsiasi pulsante) ed attendere che si visualizzi la scritta **8888**
-  Se il programmatore DRS individua un dispositivo DRS compatibile, visualizza per qualche istante la scritta **Conn** e, successivamente, visualizza il nome dell'apparecchio e la relativa versione software
-  Se il programmatore DRS non individua alcun dispositivo DRS compatibile o è presente qualche malfunzionamento il display visualizzerà la scritta **SCAn**
-  Una volta terminata la sequenza di riconoscimento, viene visualizzato il primo menu dell'apparecchio
-  I pulsanti UP/DOWN permettono di scorrere la lista dei menu
-  Il pulsante ENTER permettere di entrare in un menu o di confermare una opzione in caso di lampeggio del parametro
-  Il pulsante ESC annulla una operazione o torna al livello di menu inferiore.

DRS MENU' LIST ELENCO MENU'DRS

Switching on the fixture you can see the model and the software version. For example:
All'accensione, viene visualizzato il modello di apparecchio e la versione software. Per esempio:

--> Archibar 160 rGbU RDM --> 1_00
than it's shown the fist menu
poi viene visualizzato il primo menu

Address (Addr)		Imposta l'indirizzo DMX Set the DMX address
Auto Mode (ModE)		Imposta la modalità DMX, SLAVE o MASTER Set the DMX, SLAVE or MASTER mode (no, SL, Pr01...Prxx)
Auto Speed (PrSP)		Imposta la velocità di esecuzione dei giochi interni Set the preset execution speed (-400%...+400%)
Wireless enable (ULEn)		Enable or disable the wireless reception Consente o non consente la ricezione wireless (ON / OFF) The cable reception is disabled / La ricezione via cavo viene disabilita
Wireless unlink (ULPA)		Remove the link from the fixture to the associated transmitter (PA?) Elimina il link tra l'apparecchio e il trasmettitore al quale è stato associato
Wireless bridge (ULbr)		If wireless is ON, enable the transmission of the received data by cable to the other fixtures / Se il wireless è attivo, consente la trasmissione dati agli altri apparecchi collegati via cavo. (ON / OFF)
N. Channels (nChn)		Imposta il numero di canali DMX dell'apparecchio Set the DMX channels of the fixture (9, 6, 5, 4)
Flicker free function (FLcr)		from 2.09 software version / dalla versione software 2.09 Select the value f1 .. f2 Selezionate il valore desiderato f1 .. f2
Smooth Dimming (SMth)		Imposta il tipo di interpolazione per la funzione smooth dimming Set the interpolation type for the smooth dimming function (OFF, Sd1, Sd2, Sd3)
Halogen Simulation (HALS)		Imposta il funzionamento della modalità simulazione lampada alogena Set the alogen simulation function mode (OFF, Mod1, Mod2)
CYM Emulation (CYMS) (RGBW version ONLY)		Imposta l'apparecchio per funzionare come emulatore di sistema CYM o RGB Set the fixture to work in CYM or RGB emulation system (OFF -->RGBW, On -->CYM)
Test (tEST)		Abilita il test dell'apparecchio ed esegue un programma di fabbrica per verificarne il funzionamento Enables the test of the fixture and execute a factory program to check the right functioning (OFF, On)
Reset (rSEt)		Esegue un reset della parte elettronica Execute a reset of the electronic section
Format (FrMt)		Ripristina le impostazioni di fabbrica (Viene chiesta conferma) Restore the factory setting (Require confirmation)

DMX Channels list 9Ch / Lista dei canali DMX 9Ch

8 BIT	FUNCTION	0 31 63 95 127 159 191 233 255
CH1	RED	
CH2	GREEN	
CH3	BLUE	
CH4	WHITE	
CH5	STROBE	
CH6	DIMMER	
CH7	LED FADE TIME	
CH8	RAINBOW	
CH9	BALANCED WHITE	

DMX Channels list 6Ch / Lista dei canali DMX 6Ch

8 BIT	FUNCTION	0 31 63 95 127 159 191 233 255
CH1	RED	
CH2	GREEN	
CH3	BLUE	
CH4	WHITE	
CH5	DIMMER	
CH6	RAINBOW	

DMX Channels list 5Ch / Lista dei canali DMX 5Ch

8 BIT	FUNCTION	0 31 63 95 127 159 191 233 255
CH1	RED	
CH2	GREEN	
CH3	BLUE	
CH4	WHITE	
CH5	DIMMER	

DMX Channels list 4Ch / Lista dei canali DMX 4Ch

8 BIT	FUNCTION	0 31 63 95 127 159 191 233 255
CH1	RED	
CH2	GREEN	
CH3	BLUE	
CH4	WHITE	

WHITE BALANCE

DMX Channels list 4Ch / Lista dei canali DMX 4Ch

8 BIT	FUNCTION	0 31 63 95 127 159 191 233 255
CH1	BALANCED WHITE	
CH2	DIMMER	
CH3	STROBE	
CH4	LED FADE TIME	

DMX Channels list 2Ch / Lista dei canali DMX 2Ch

8 BIT	FUNCTION	0 31 63 95 127 159 191 233 255
CH1	BALANCED WHITE	
CH2	DIMMER	

DMX Channels list 1Ch / Lista dei canali DMX 1Ch

8 BIT	FUNCTION	0 31 63 95 127 159 191 233 255
CH1	BALANCED WHITE	

MONOCHROMATIC / MONOCROMATICO

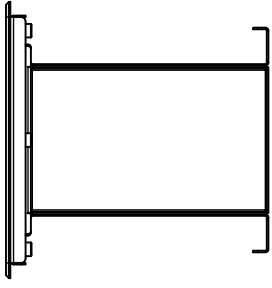
DMX Channels list 3Ch / Lista dei canali DMX 3Ch

8 BIT	FUNCTION	0 31 63 95 127 159 191 233 255
CH1	DIMMER	
CH2	STROBE	
CH3	LED FADE TIME	

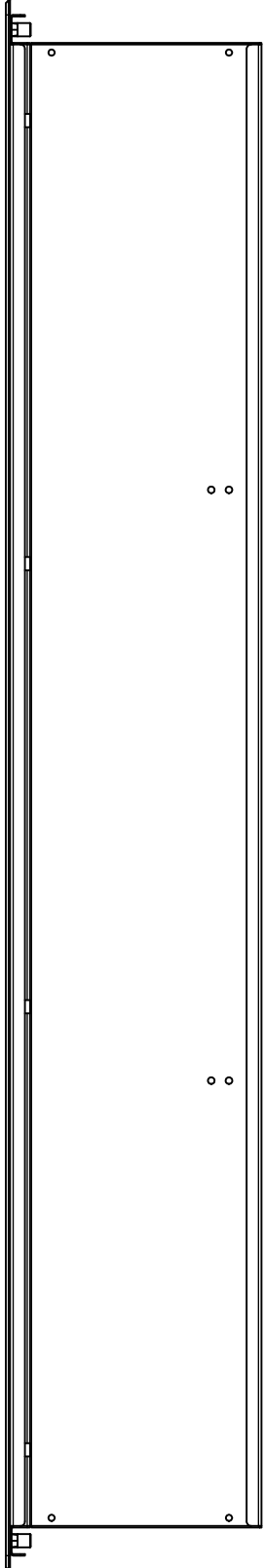
DMX Channels list 1Ch / Lista dei canali DMX 1Ch

8 BIT	FUNCTION	0 31 63 95 127 159 191 233 255
CH1	DIMMER	

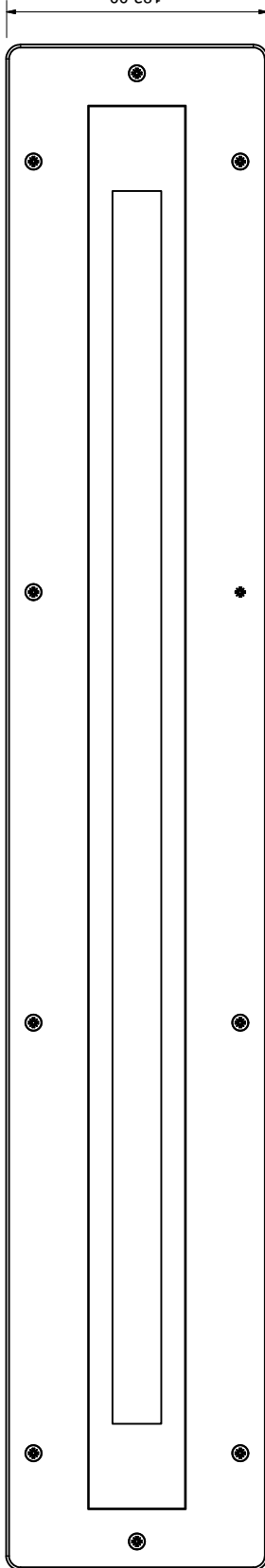
PHYSICAL / DIMENSIONI



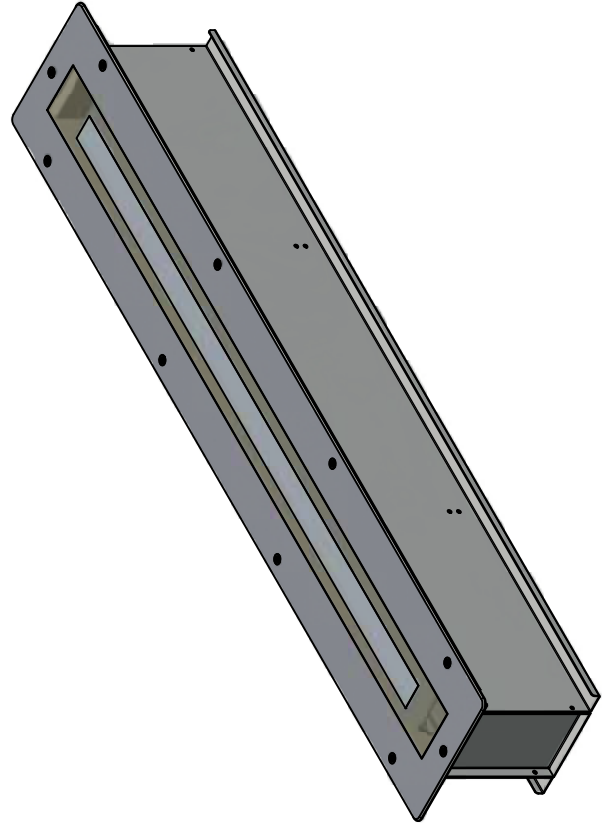
173,00



1063,00



182,00



Dichiarazione di conformità
Declaration of conformity
Déclaration de conformité



La ditta:
The firm: **Studio Due Trade s.r.l.**
L'entreprise:

dichiara sotto la propria responsabilità che il prodotto:
declare under our sole responsibility that the product:
déclare sous sa propre responsabilité que le produit:

ARCHIBAR SL160 series IP67
RGBW and MONOCHROMATIC (all models)

è conforme alle norme:
is in conformity with the standard:
est conforme aux normes:



Low Voltage Directive: 2014/35/EU

EN 60598-1:2015
EN 62471:2008
EN 60529:1991 + A1:2000 + A2:2013
EN 60598.2.5:2015

EMC Directive: 2014/30/EU

EN 55103-1:2009 + A1:2012
EN 55015:2014
EN 55103-2:2009
EN 61547:2009
EN 61000-3-2:2014
EN 61000-3-3:2013

2011/65/EU: RoHS2 Directive

Data di apposizione:
Date of marking:
Date d'apposition:

24



VITERBO,

16/04/24

ROBERTO FRAIOLI
General Manager

Warranty CARD

Company name:

Mr./Mrs./Miss:

Address:

Tel. or E-mail :

Dealer:

SALE CONDITIONS

1) Price quoted are not inclusive of lamp and package.
 Package charge is 2% on the net price for all the items.
 These prices should be subject to possible variations for eventual rises of production costs or duties.
 The goods travel at the expense, risk and peril of the customer.
 Claims for possible damages during the freight, must be notified to the carrier.
 Any claim must be notified within 8 days from the receipt of the goods.
 The buyer is responsible of the right installation and use of the apparatus.
 All the apparatuses are guaranteed for 3 year against defects of manufacture or materials.
 Defects and breakages caused by wrong connection or use of the apparatuses are not subject to guarantee.
 The lamp is excluded from the warranty.
 For any dispute is competent the Tribunal of Viterbo.

CONDIZIONI DI VENDITA

1) I prezzi riportati sono esclusi di IVA, lampada ed imballaggio.
 Il costo di imballaggio è del 2% sul prezzo netto per tutti gli articoli.
 Detti prezzi possono essere soggetti a possibili variazioni per eventuali aumenti dei costi di produzione o imposte.
 La merce viaggia a spese, rischio e pericolo del committente.
 Reclami per possibili danni durante il trasporto, dovranno essere fatti esclusivamente al vettore.
 Eventuali osservazioni sulle merci ricevute dovranno esserci notificate entro e non oltre 8 giorni dal ricevimento delle medesime. Sui ritardi dei pagamenti verrà conteggiato l'interesse commerciale.
 L'acquirente si impegna a comunicare la propria esatta ragione sociale e partita IVA al momento dell'ordine e sotto la propria responsabilità di verificarla in fattura.
 L'acquirente è responsabile della corretta installazione ed uso delle apparecchiature.
 Tutte le apparecchiature godono della garanzia di 3 anni contro difetti di fabbricazione o di materiali, sono esclusi dalla garanzia danni derivanti da un cattivo uso o installazione delle apparecchiature.
 Le lampade restano comunque escluse dalla garanzia.
 Per ogni controversia è competente il Foro di Viterbo.

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Studio Due[®]

emotion and creativity in light

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