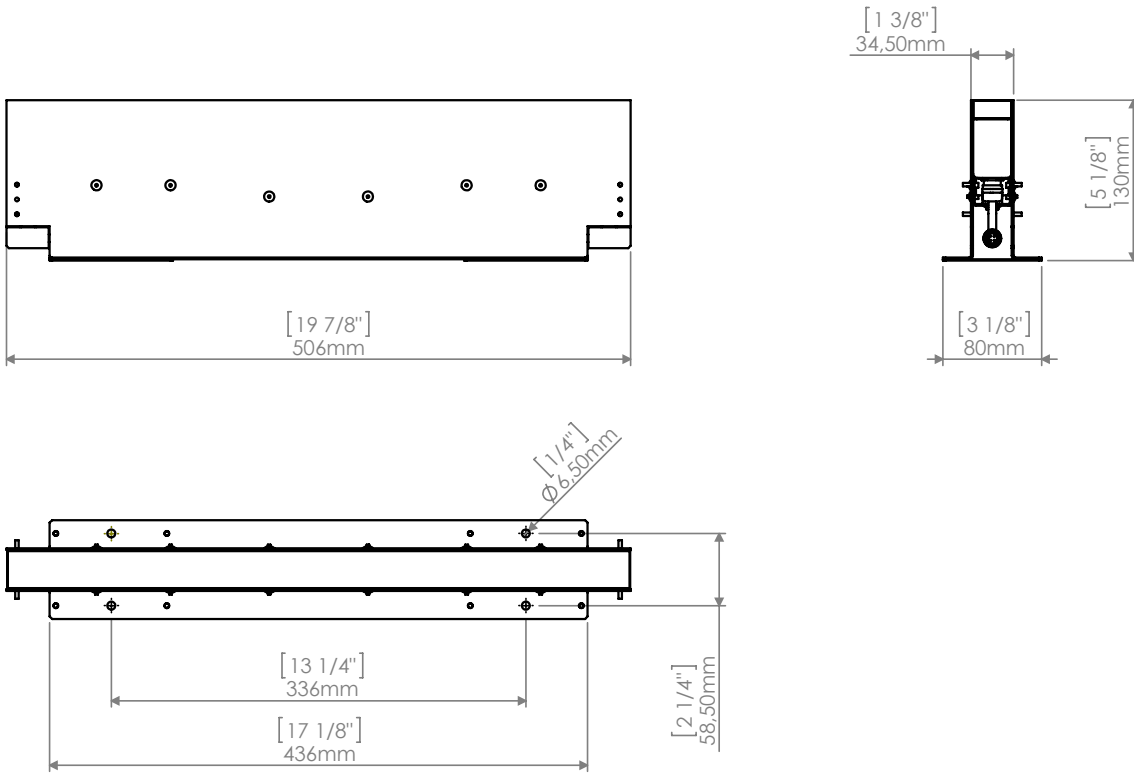


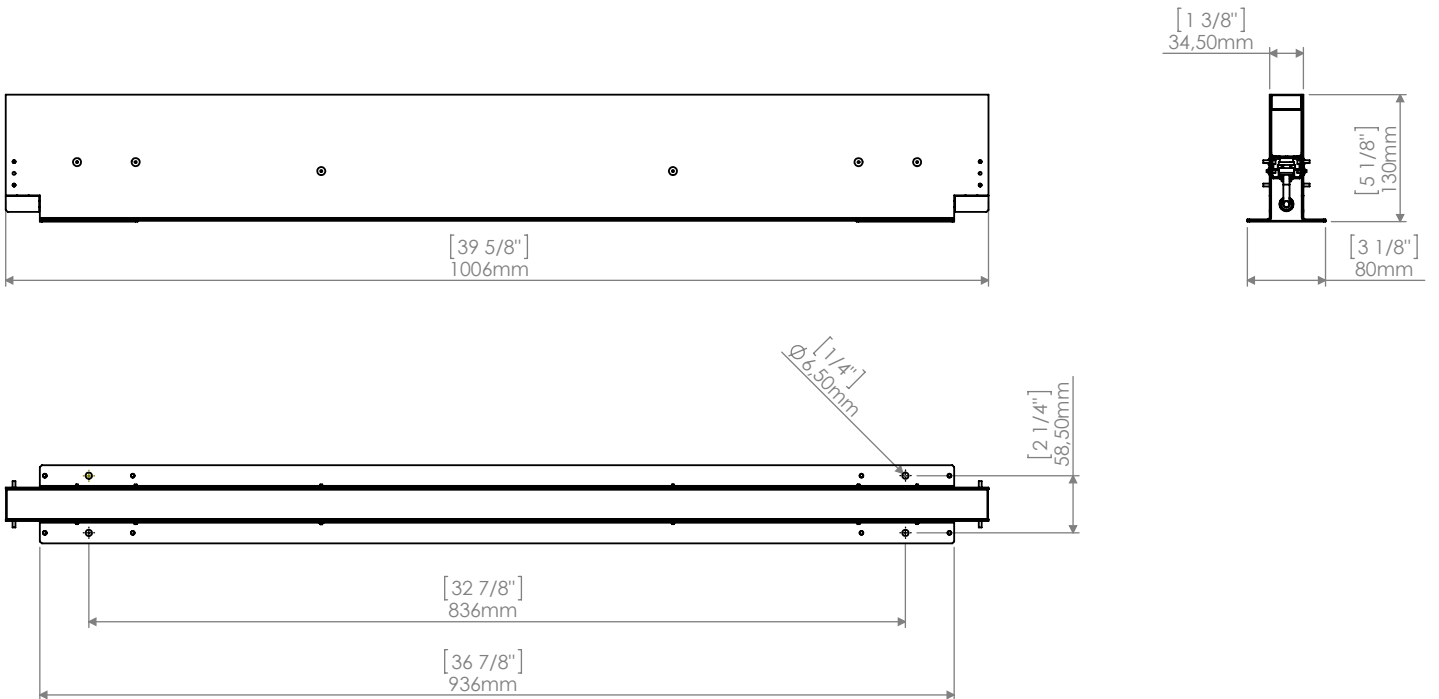
	AL4369 Moled 25	AL4370 Moled 50
Weight / Peso	4 Kg (8.8 Lbs)	7,5Kg (16.50 Lbs)
Housing / Corpo proiettore	AISI 316L Stainless Steel	
IK rating / classe IK	IK9	
IP rating / grado IP	IP67	
Ambient temp./ Temperatura ambientale	-40°C to 50°C ( -40°F to 122°F)	
Power supply / Alimentazione	48 VDC	
Power / Potenza massima	9W	18W
Thermal protection / Protezione termica	Electronic	
Electrical class / Classe elettrica	III	
Cable / Cavo	150 + 150 mm	
Control / Sistema di controllo	USITT DMX-512	
Channels / Canali	See the tables below / Guarda le tabelle sotto	
Color range / Colori	25 High brightness RGB LEDS additive syntesis	50 High brightness RGB LEDS additive syntesis
Optics/ Ottiche	120 ° Direct view opaline or clear glass	

# Size

## Moled 25



## Moled 50



## Important notices / Avvertimenti importanti

- This product must be installed in accordance with applicable national and local electrical and construction codes by a person familiar with the construction and operation of the product and the hazards involved. Failure to comply with the following installation instructions may result in death or serious injury.

Questo prodotto deve essere installato secondo le normative locali, da personale specializzato. La mancata osservanza delle istruzioni di installazione può portare a situazioni di pericolo all'incolumità della persone.

- Do not stare at the operating light source.

Non fissare la sorgente luminosa durante il suo funzionamento.

- The fixture might be damaged by excess voltage. The installation of an overvoltage protection device on the electrical system may reduce the risk of damage.

Apparecchiatura sensibile alle sovratensioni. L'installazione di un dispositivo di protezione delle sovratensioni sull'impianto elettrico attenua l'intensità di questi fenomeni proteggendo gli apparecchi dal rischio che vengano danneggiati.

- The use of an adequate magnetothermic switch along the power supply line is recommended.

E' consigliato l'uso di un adeguato interruttore magnetotermico/differenziale sulla linea di alimentazione.

- Connect the fixtures to each other only when disconnected from mains.

Collegare tra loro i proiettori solo quando nessuno di essi è collegato alla rete elettrica.

- Never leave cables and connectors unconnected or unprotected for long periods.

Non lasciare mai per lungo tempo agli agenti atmosferici cavi e connettori non collegati o non protetti.

- Disconnect power before installing or servicing to avoid electrical shock.

Togliere l'alimentazione prima di effettuare qualsiasi operazione all'interno dell'apparecchiatura.

- Disconnect power before any connection operation.

Togliere l'alimentazione prima di effettuare qualsiasi operazione di connessione tra gli apparecchi.

- Check voltage and frequency before powering the fixture. Do not exceed fixture specified voltage.

Prima di connettere l'apparecchio alla rete elettrica, verificate la compatibilità di tensione e frequenza.

- Do not handle the unit with wet hands or in wet environments.

Non maneggiate il prodotto con mani bagnate o in presenza di acqua.

- Apply to qualified staff for any maintenance service not described in this instructions manual.

Rivolgersi ad un tecnico qualificato per qualsiasi operazione di manutenzione ordinaria non descritta nel presente manuale.

- Do not exceed the maximum quantity of fixtures per line in order to avoid power surges.

Non superare il numero massimo specificato di apparecchi per linea per evitare pericoli di sovraccarichi di corrente.

- Before powering the unit, ensure to use cables and connectors with proper section and length, according to its power consumption.

Prima di effettuare le connessioni verificare la portata dei cavi / connettori e la lunghezza dei cavi tenendo conto dell'assorbimento del prodotto.

- Fix the projector by using screws, hooks or other adequate supports that can bear its weight.

Fissare il proiettore con viti, ganci o altri supporti in grado di sostenerne il peso.



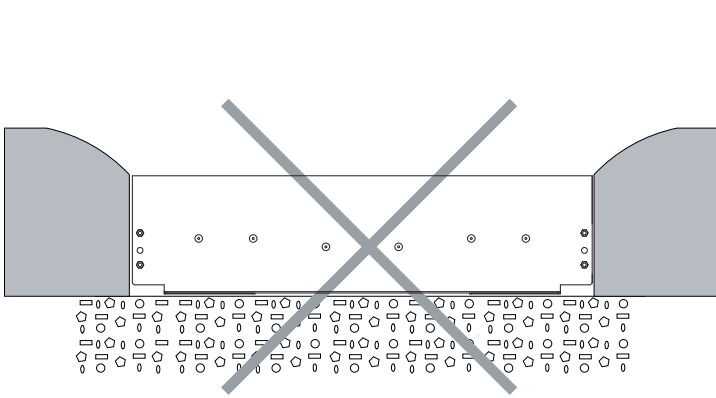
**WARNING !** fixing and connecting operations must mandatorily be carried out by qualified personnel only !

**ATTENZIONE !** le operazioni di installazione e connessione devono obbligatoriamente essere eseguite solo da personale specializzato !

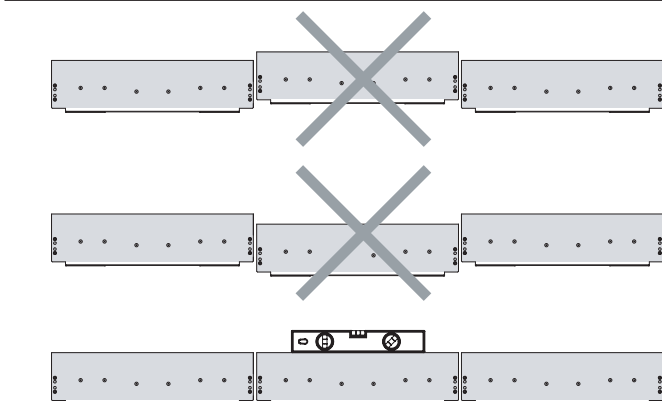
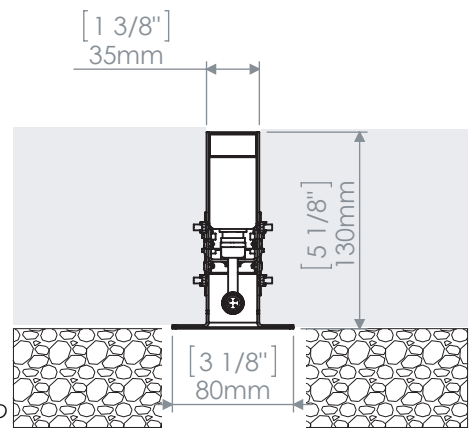
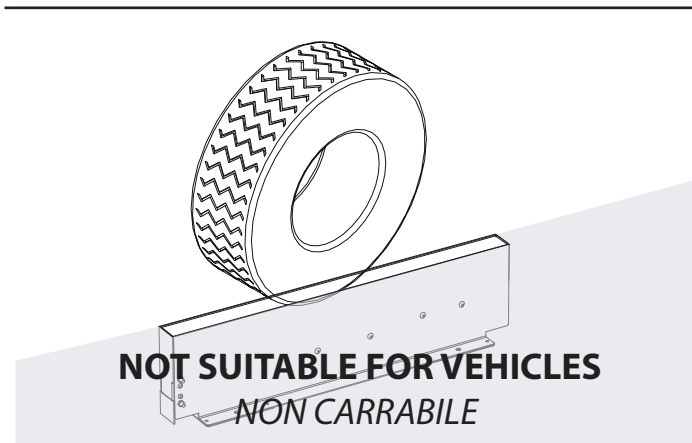
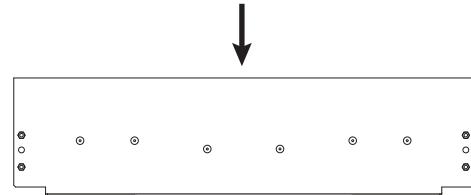
**WARNING !** Ensure power supply is off before connecting or disconnecting fixtures !

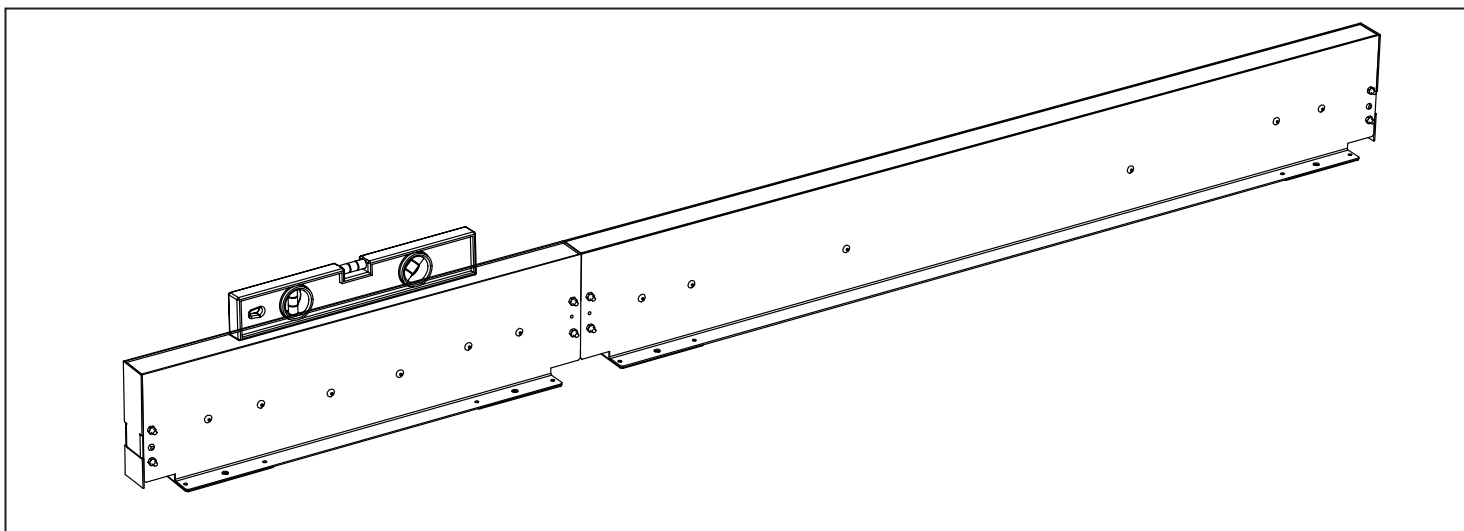
**ATTENZIONE !** Assicurarsi che l'alimentazione sia disattivata prima di collegare o scollegare i proiettori!

## Installation



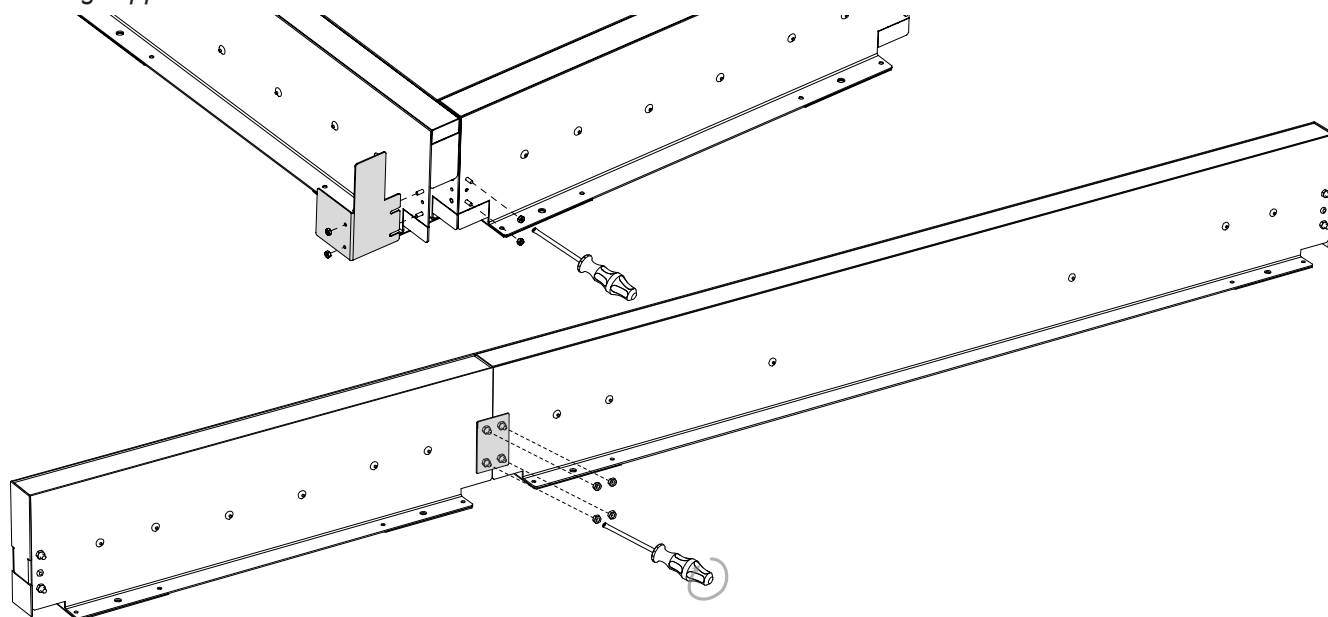
Max 500 KG





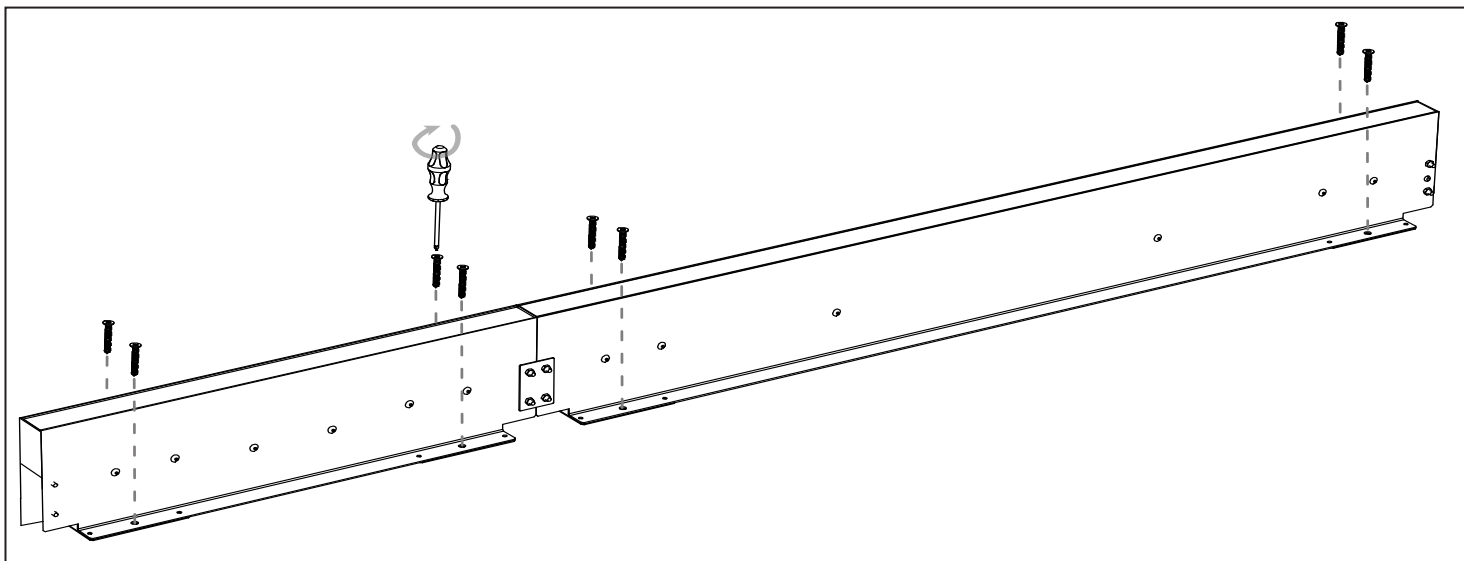
**Positionate the formworks**

*Posizionare gli apparecchi allineati*



**Joint the formworks using the metal support**

*Congiungere gli apparecchi utilizzando le apposite piastrine metalliche, fissarle attraverso i dadi M3*



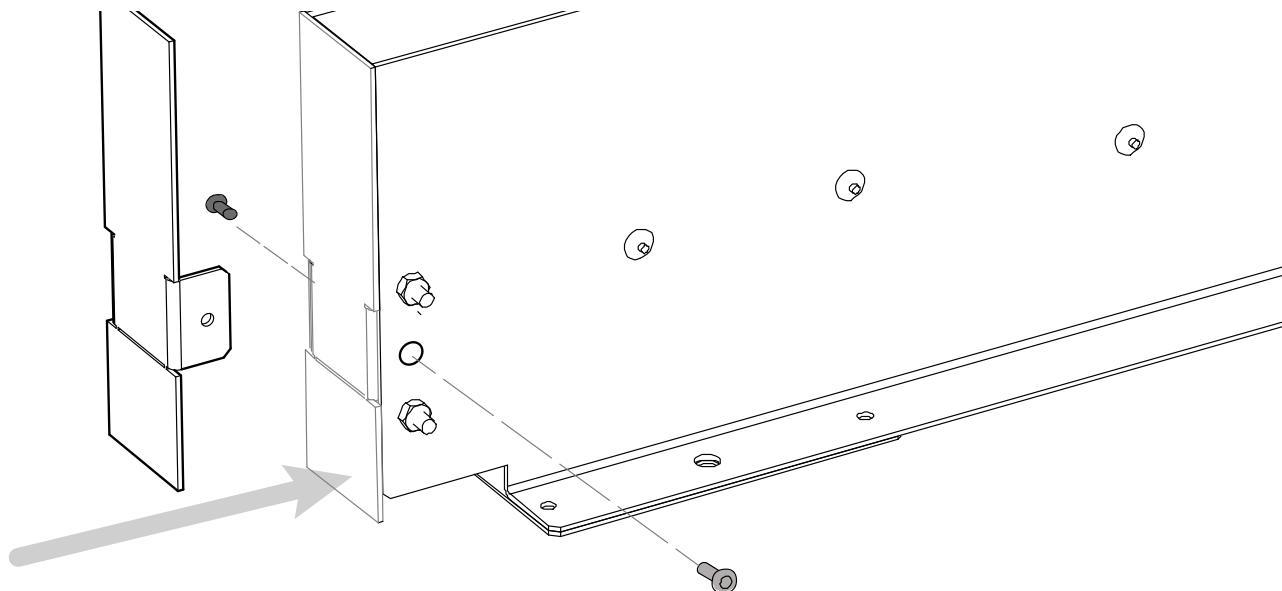
**Joint the formworks using the metal support**

*Fissare la cassaforma dell'apparecchio al terreno attraverso tasselli ad espansione utilizzando n° 4 fori Ø 6.5 mm.*



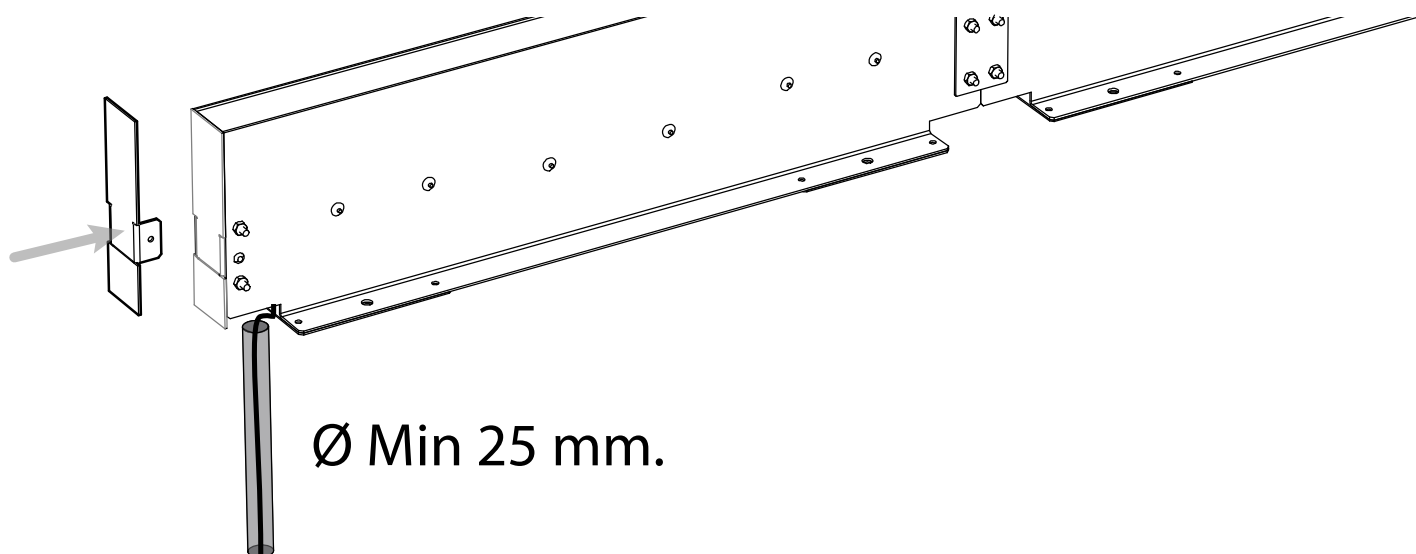
**CAUTION:** The luminaire should be positioned so that prolonged staring into the luminaire is not expected.

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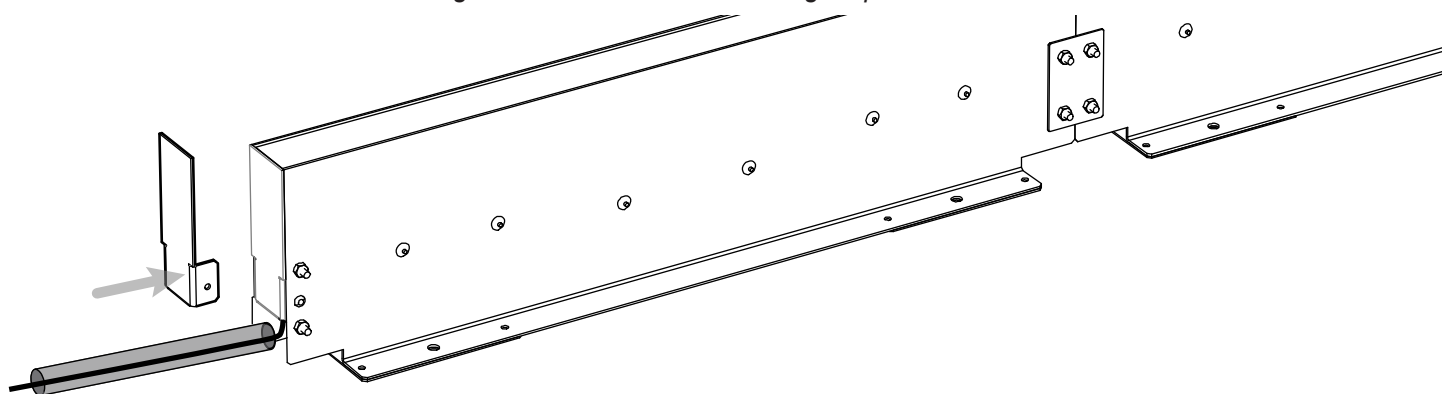
**Close the recessed box with n°2 caps AL4454**

*Chiudere le due estremità della cassaforma con i tappi accessori AL4454 prima di effettuare la gettata di cemento*



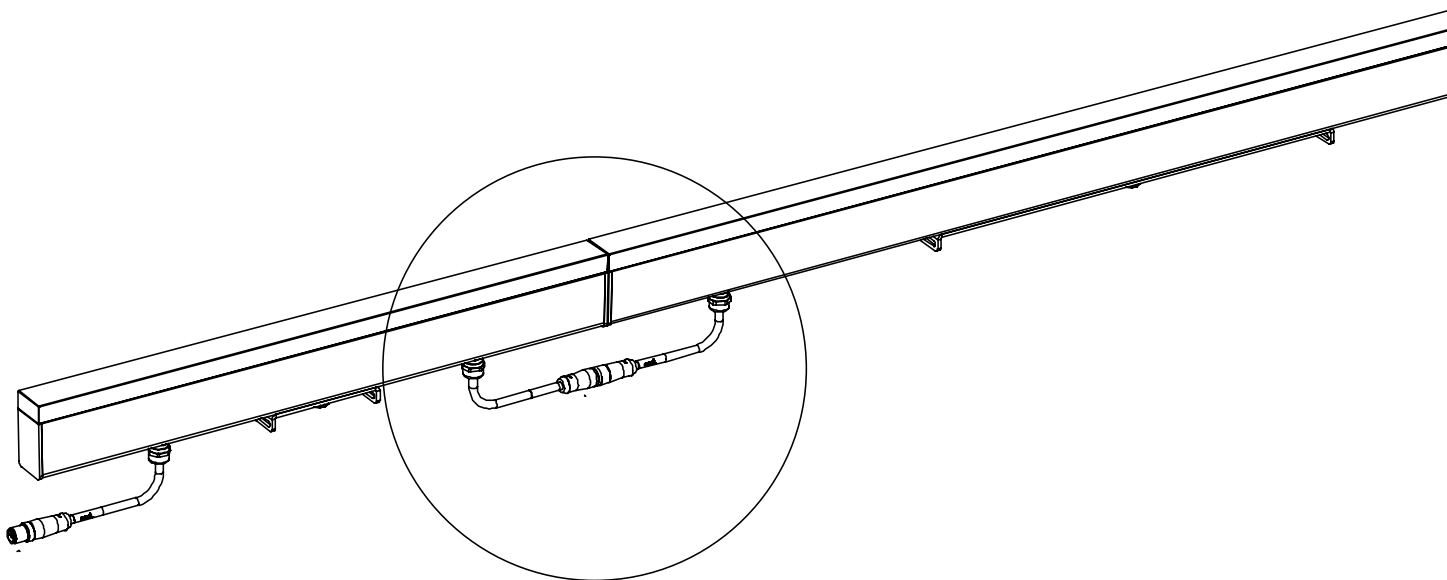
**Use the cap AL4454 like shown in the picture if the corrugate pipe comes from the ground vertically**

*Utilizzare l'accessorio AL4454 come in figura se si utilizza il tubo corrugato proveniente da terra*



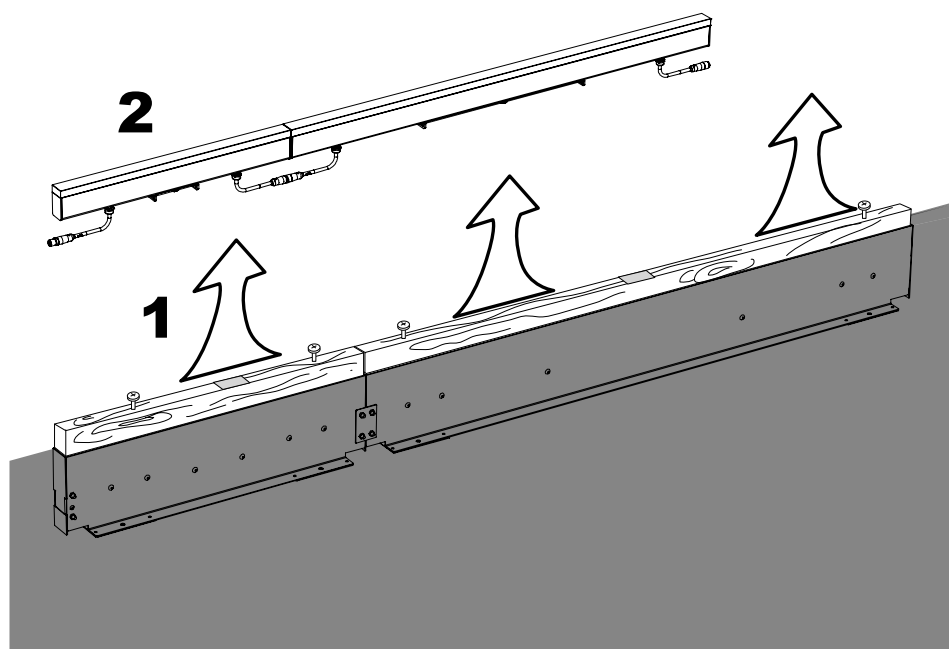
**Use the cap AL4454 like shown in the picture if the corrugate pipe comes horizontally**

*Utilizzare l'accessorio AL4454 spezzandone una parte come da figura se si utilizza il tubo corrugato posizionato orizzontale*



**Make connections using M12 connectors**

*Effettuare i collegamenti elettrici mediante i connettori M12*



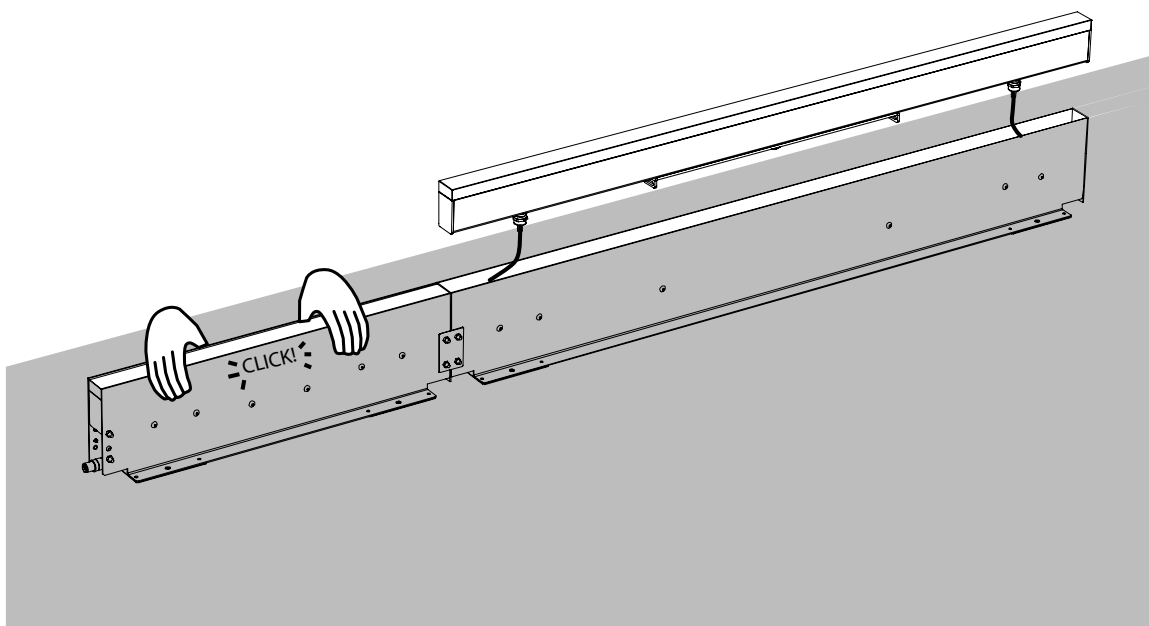
**Remove the wooden boards only when ready to insert the projectors in the formwork and when the concrete is completely dried.**

*Rimuovere i blocchi di legno solo al momento di installare i proiettori avendo cura di verificare che la gettata di cemento si sia completamente solidificata.*



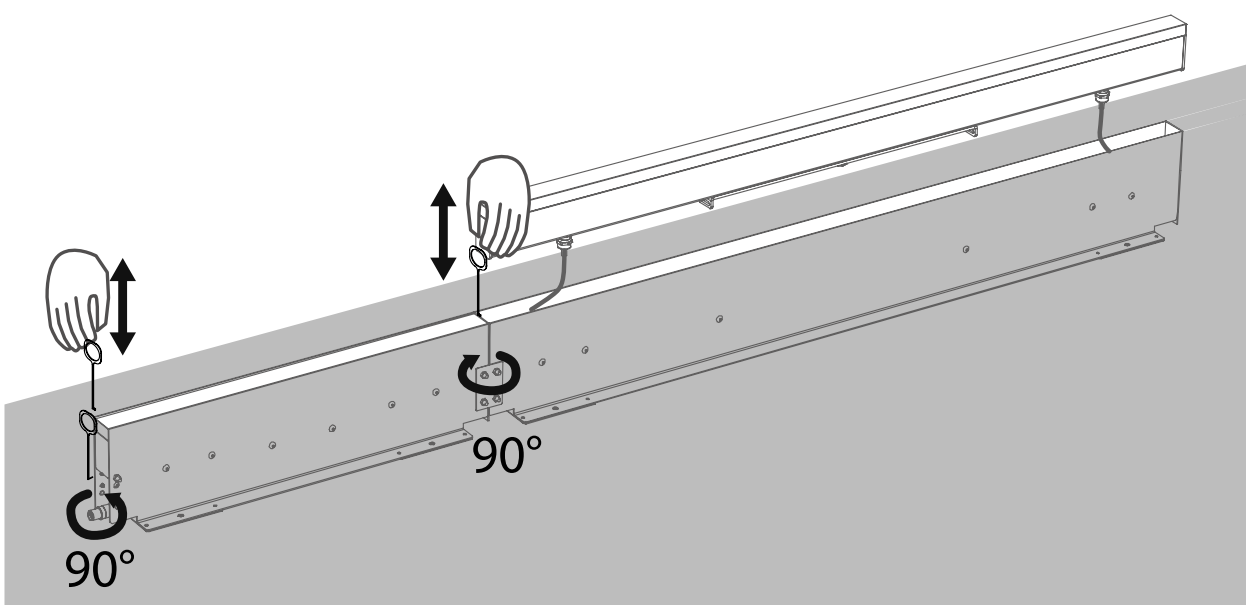
**Cables and connectors are put into the recessed box.**

*I cablaggi con ricchezza di cavo verranno riposti all'interno della cassaforma.*



**Fix the fixture into the recessed box pressing and hearing “CLICK” like confirmation of correct entry.**

*Adagiare l'apparecchio all'interno della cassaforma fino a quando si sente il “CLICK” che segnale che il corpo dell'apparecchio è correttamente bloccato dalla molla nella cassaforma.*



**Remove the fixture using the specific key provided with the fixture.**

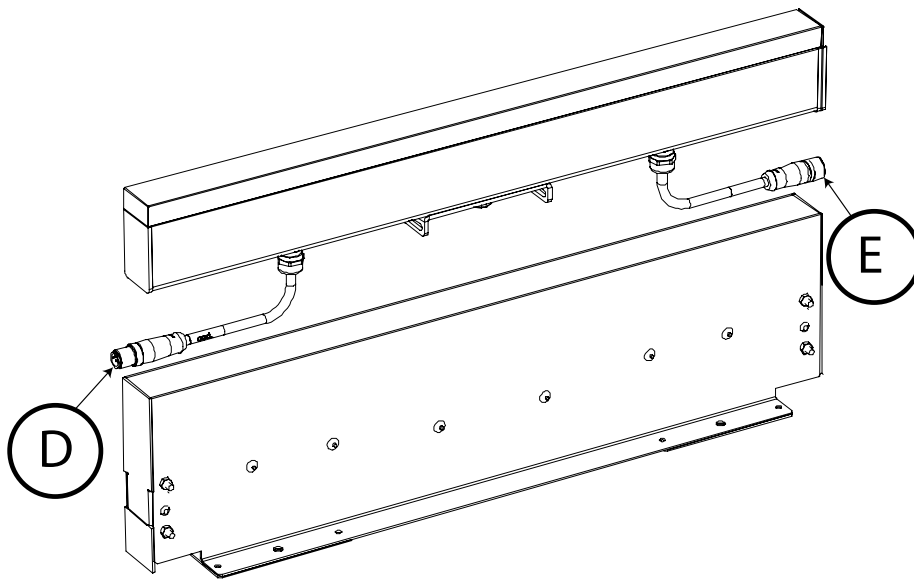


## Connection to mains power and DMX signal - Connessione della tensione di alimentazione e del segnale DMX

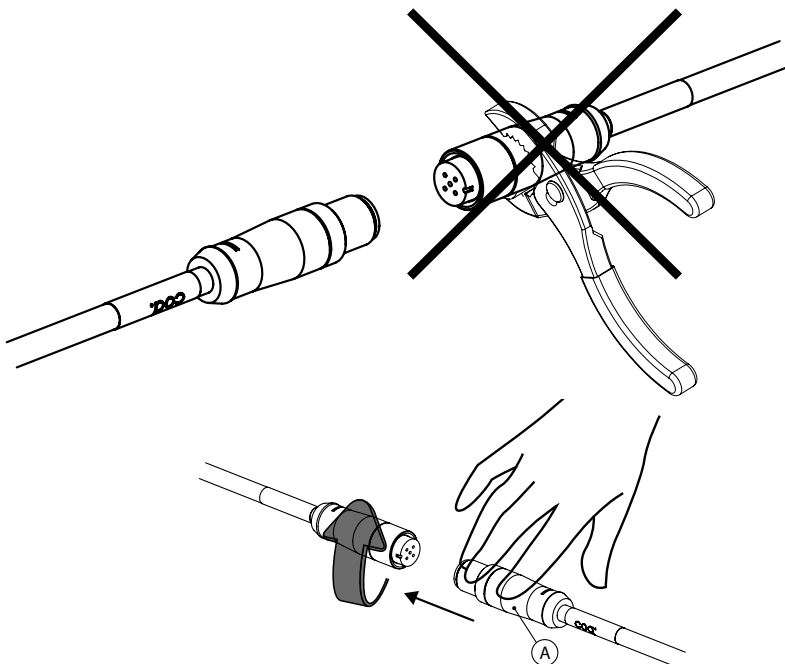
The unit operate with voltage of 48VDC. *L'apparecchio funziona con tensione di 48 VDC.*

### Attenzione! Warning!

- Before connecting the unit, verify that power supplies features are compatible with the unit features.
- *Prima di collegare l'apparecchio assicuratevi che la fornitura elettrica corrisponda a quelle ammesse.*
- It is suggested to use a magnetothermic switch along the power supply line, as prescribed by in force rules.
- *E' consigliato l'uso di un interruttore magnetotermico/differenziale sulla linea di alimentazione, come prescritto dalle norme in vigore.*
- The unit must not be powered up through a dimmer power device.
- *Non alimentate il proiettore attraverso unità di potenza dimmer.*
- Wiring and connection actions are to be performed by a qualified staff.
- *Le operazioni di cablaggio e collegamento devono essere eseguite da personale qualificato.*



The unit is fitted with plug "D" and socket "E" for the connection of the of the power supply and DMX, as shown in the pictures.  
*Il proiettore è dotato di connettori di ingresso "D" e uscita "E" per la connessione della tensione di alimentazione e del segnale DMX.*

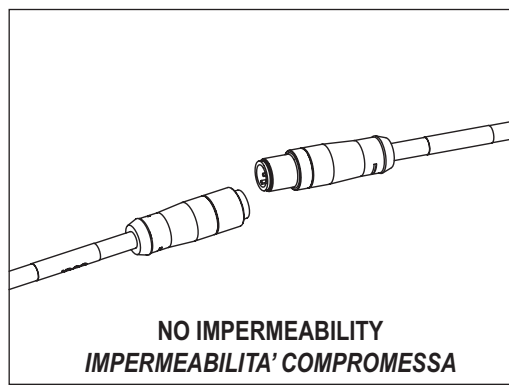
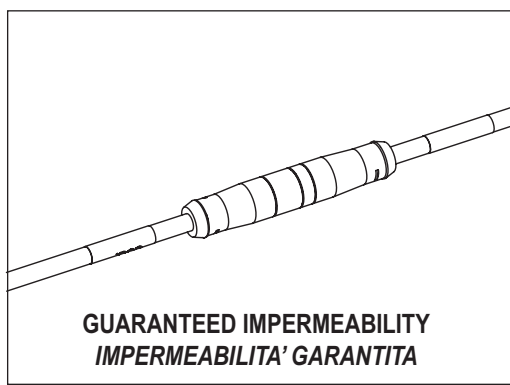
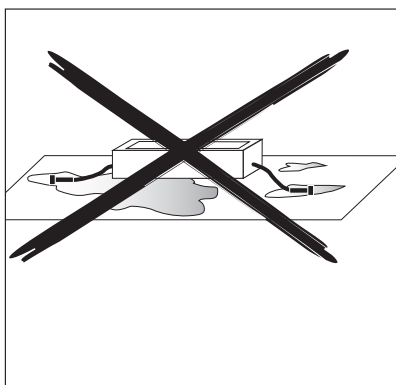


### Warning! Attenzione!

Do not screw the connectors with pliers or other tools, as they might damage.

*Non avvitate i connettori con pinze o altri attrezzi.  
Potrebbero danneggiarsi.*

Plug the connectors by screwing the ring "A" by hand.  
*Collegate i connettori avvitando la ghiera "A" a mano.*



Leaving the connectors unprotected or disconnected may cause water infiltrations and consequent product malfunctioning. Should it not be possible to connect the units during the installation phase, please protect their connectors with suitable caps. The output connector of the chain last fixture must necessarily and permanently be protected by a suitable cap or end line cap, if required.

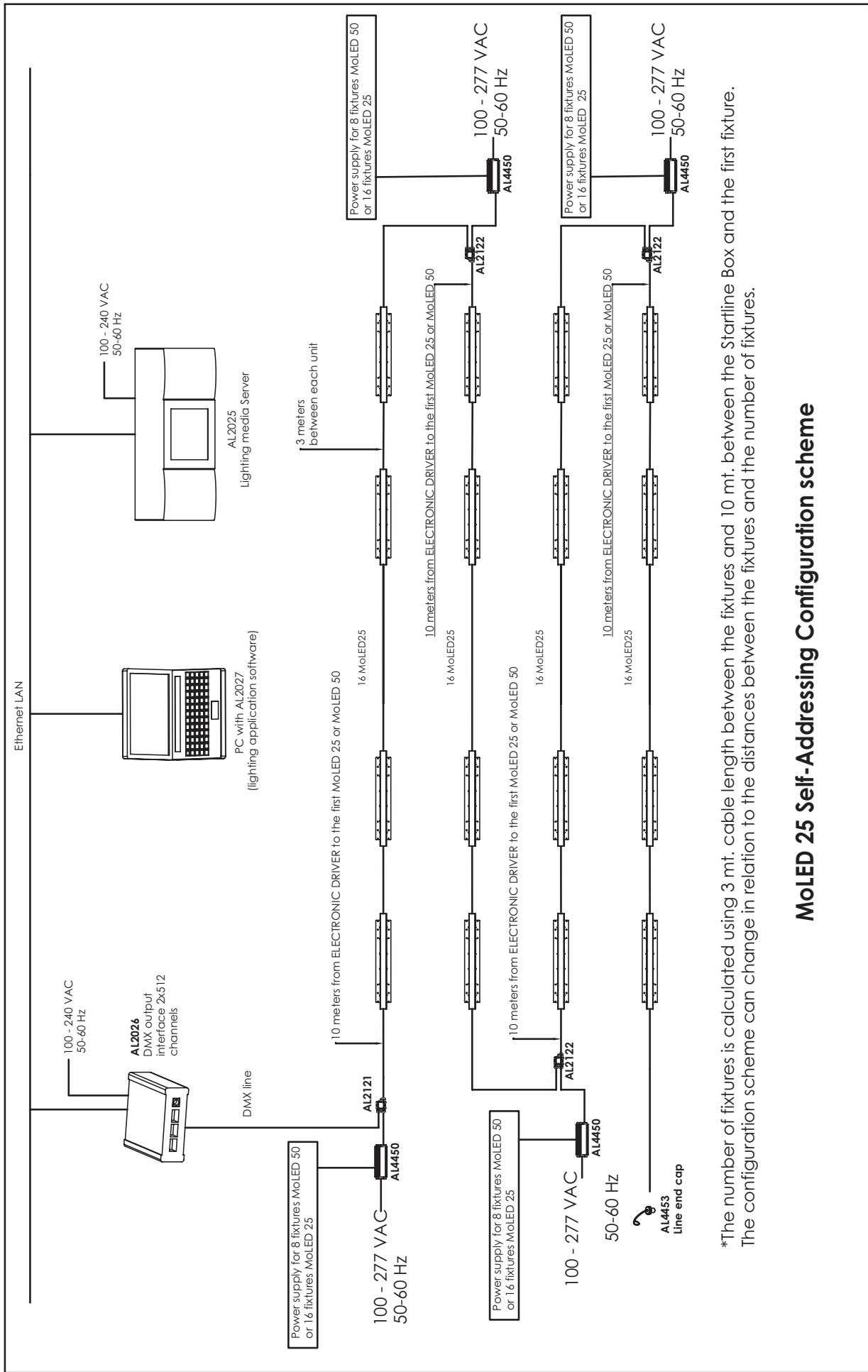
*L'apparecchio lasciato con i connettori non connessi oppure non protetti è suscettibile ad infiltrazioni di acqua e pertanto a rischio di malfunzionamenti.*

*Se non è possibile collegare subito tutti gli apparecchi tra loro in fase di posa, proteggere i connettori non collegati con adeguati tappi. Il connettore in uscita dell'ultimo proiettore della catena deve necessariamente essere protetto in modo permanente tramite l'adeguato tappo o tappo con terminatore di linea se richiesto.*

**Attenzione! Warning !**

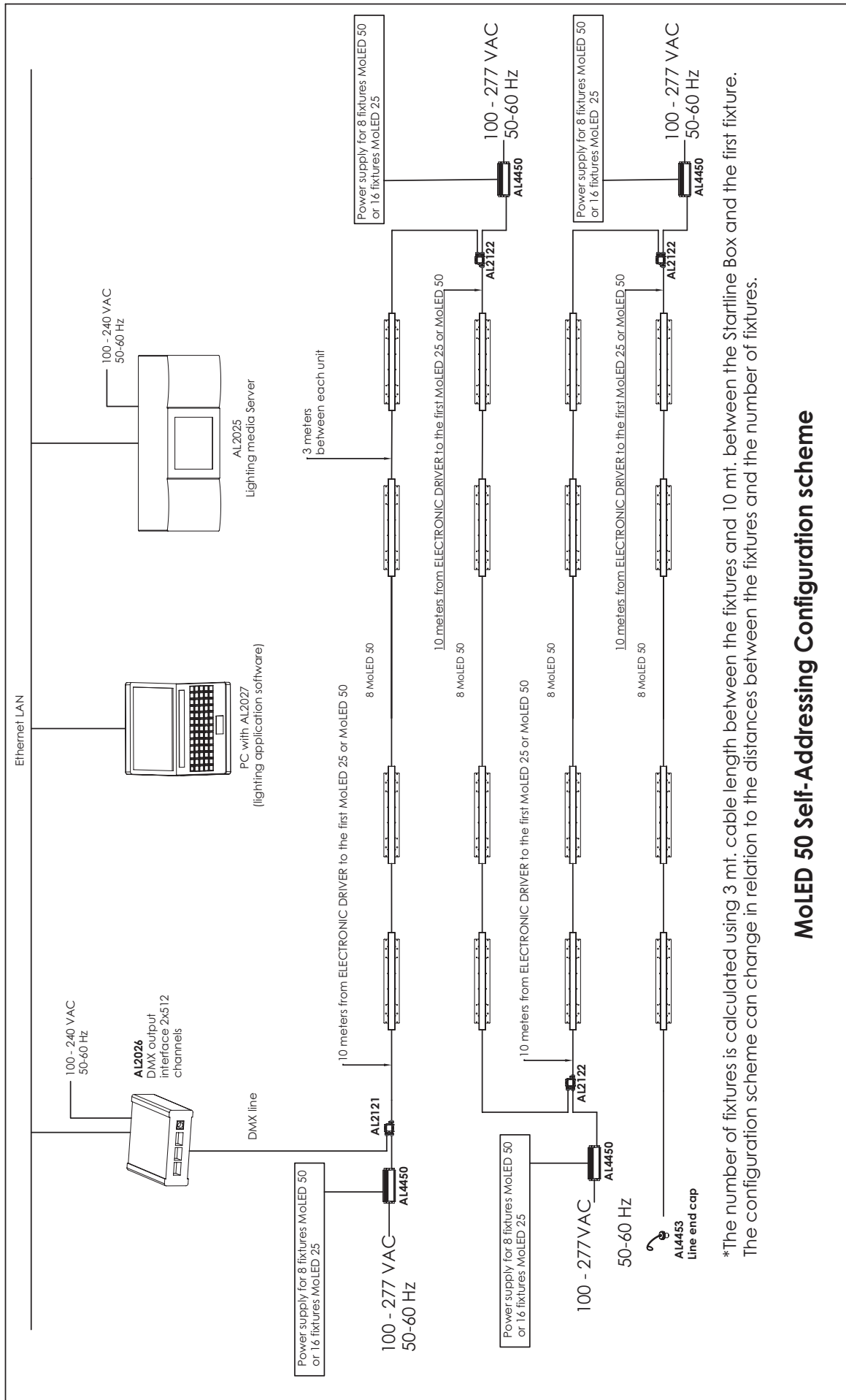
**Connect the units only after disconnecting the mains!**

***Tassativamente collegare gli apparecchi tra loro avendo preventivamente scollegato la tensione !***



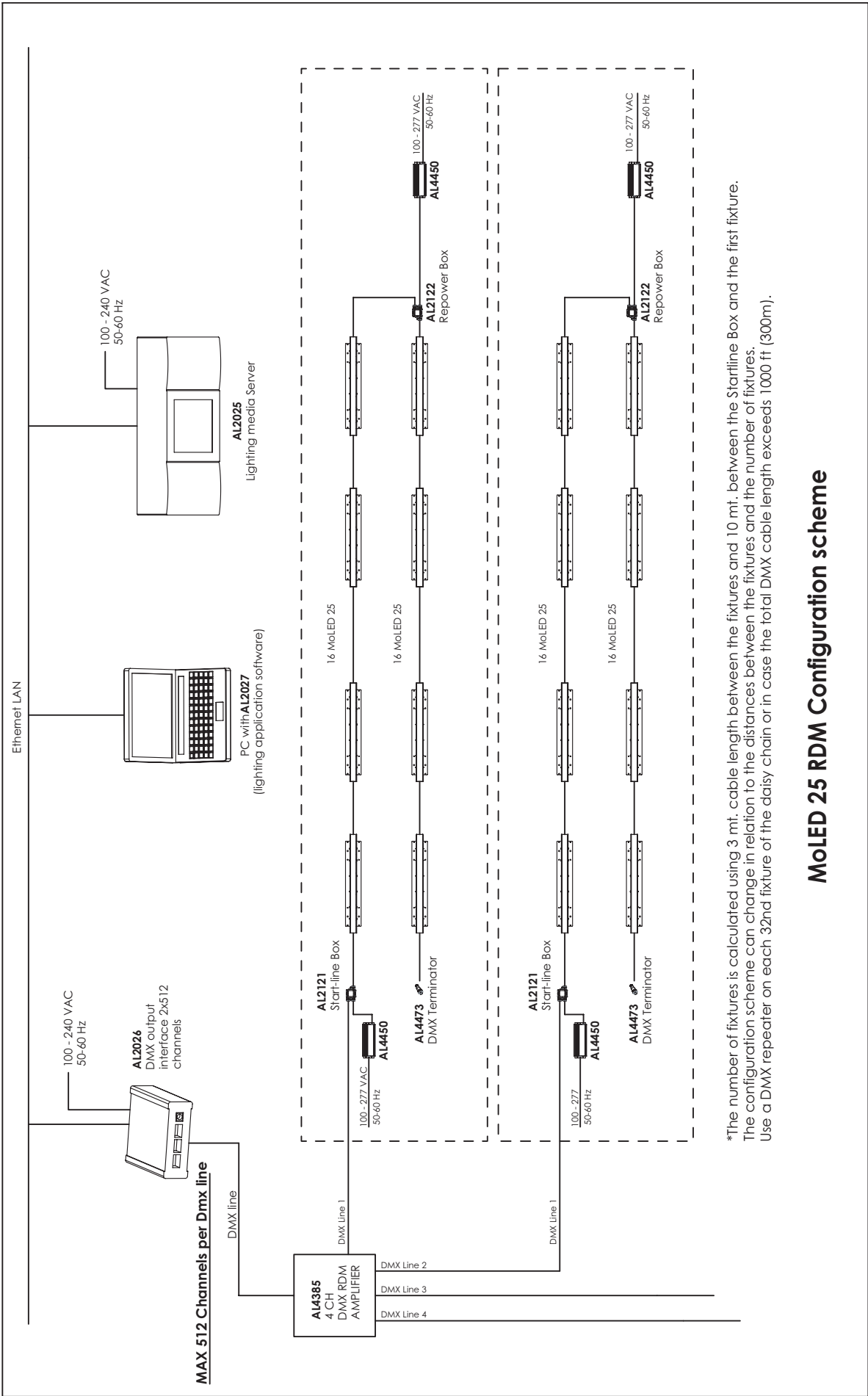
\*The number of fixtures is calculated using 3 mt. cable length between the fixtures and 10 mt. between the Startline Box and the first fixture. The configuration scheme can change in relation to the distances between the fixtures and the number of fixtures.

### MoLED 25 Self-Addressing Configuration scheme



\*The number of fixtures is calculated using 3 mt. cable length between the fixtures and 10 mt. between the Startline Box and the first fixture. The configuration scheme can change in relation to the distances between the fixtures and the number of fixtures.

### MoLED 50 Self-Addressing Configuration scheme



\*The number of fixtures is calculated using 3 mt. cable length between the fixtures and 10 mt. between the Startline Box and the first fixture. The configuration scheme can change in relation to the distances between the fixtures and the number of fixtures. Use a DMX repeater on each 32nd fixture of the daisy chain or in case the total DMX cable length exceeds 1000 ft (300m).

### MoLED 25 RDM Configuration scheme



## USE OF THE UNIT - RDM Option

The DMX address and DMX mode can be set by using the accessory AL2660 Weezerd 1. Refer to the manual of the accessory  
*Per impostare l'indirizzo DMX ed il modo DMX utilizzando l'accessorio AL2660 Weezerd 1 riferirsi al manuale dell'accessorio*

### MOLED 25 RDM

DMX MODE	CHANNELS USED / CANALI UTILIZZATI - RGB -	CHANNELS USED / CANALI UTILIZZATI - Dynamic White <i>Bianco dinamico</i>	CHANNELS USED / CANALI UTILIZZATI White <i>Bianco</i>
1	3	2	1
2	4	3	/
3	5	/	/

### MOLED 50 RDM

DMX MODE	CHANNELS USED / CANALI UTILIZZATI - RGB -	CHANNELS USED / CANALI UTILIZZATI - Dynamic White <i>Bianco dinamico</i>	CHANNELS USED / CANALI UTILIZZATI White <i>Bianco</i>
1	6	4	2
2	8	6	/
3	10	/	/

## USE OF THE UNIT - Self-Addressing Option

### MOLED 25 Self-Addressing

CHANNELS USED / CANALI UTILIZZATI - RGB -	CHANNELS USED / CANALI UTILIZZATI - Dynamic White <i>Bianco dinamico</i>	CHANNELS USED / CANALI UTILIZZATI White <i>Bianco</i>
3	2	1

### MOLED 50 Self-Addressing

CHANNELS USED / CANALI UTILIZZATI - RGB -	CHANNELS USED / CANALI UTILIZZATI - Dynamic White <i>Bianco dinamico</i>	CHANNELS USED / CANALI UTILIZZATI White <i>Bianco</i>
6	4	2

## Moled 25 RGB

Mode Modo	Channel Canale	Function Funzione	Value Valore	
3	1	0-100% Red	0-255	
	2	0-100% Green	0-255	
	3	0-100% Blue	0-255	
4	1	0-100% Red	0-255	
	2	0-100% Green	0-255	
	3	0-100% Blue	0-255	
	4	0→100% Dimmer	0-255	
5	1	0-100% Red	0-255	
	2	0-100% Green	0-255	
	3	0-100% Blue	0-255	
	4	Dimmer	0-5	
			6-250	
			251-255	
	5	No Strobo	0-5	
			0-100% Strobo	6-250
			100% Strobo	251-255

## Moled 50 RGB

Mode Modo	Channel Canale	Function Funzione	Value Valore	
6	1	0-100% 1st Cluster Red	0-255	
	2	0-100% 1st Cluster Green	0-255	
	3	0-100% 1st Cluster Blue	0-255	
	4	0-100% 2nd Cluster Red	0-255	
	5	0-100% 2nd Cluster Green	0-255	
	6	0-100% 2nd Cluster Blue	0-255	
8	1	0-100% 1st Cluster Red	0-255	
	2	0-100% 1st Cluster Green	0-255	
	3	0-100% 1st Cluster Blue	0-255	
	4	0% Luminous output intensity	0-15	
			0-100% Luminous output intensity	16-150
			100% Luminous output intensity	151-160
			0-100% Strobo speed	161-255
	5	0-100% 2nd Cluster Red	0-255	
	6	0-100% 2nd Cluster Green	0-255	
	7	0-100% 2nd Cluster Blue	0-255	
	8	0% Luminous output intensity	0-15	
			0-100% Luminous output intensity	16-150
			100% Luminous output intensity	151-160
			0-100% Strobo speed	161-255
10	1	0-100% 1st Cluster Red	0-255	
	2	0-100% 1st Cluster Green	0-255	
	3	0-100% 1st Cluster Blue	0-255	
	4	0% Luminous output intensity (1st Cluster)	0-5	
			0-100% Luminous output intensity (1st Cluster)	6-250
			100% Luminous output intensity (1st Cluster)	251-255
	5	0% Strobo (1st Cluster)	0-5	
			0-100% Strobo (1st Cluster)	6-250
			100% Strobo (1st Cluster)	251-255
	6	0-100% 2nd Cluster Red	0-255	
	7	0-100% 2nd Cluster Green	0-255	
	8	0-100% 2nd Cluster Blue	0-255	
	9	0% Luminous output intensity (2nd Cluster)	0-5	
			0-100% Luminous output intensity (2nd Cluster)	6-250
			100% Luminous output intensity (2nd Cluster)	251-255
	10	0% Strobo (2nd Cluster)	0-5	
			0-100% Strobo (2nd Cluster)	6-250
			100% Strobo (2nd Cluster)	251-255



**Moled 25 DW**

Mode Modo	Channel Canale	Function Funzione	Value Valore
2	1	Warm white 100% - Cold white 0%	0-3
		Warm white 100% - Cold white 0-100%	4-122
		Warm white 100% - Cold white 100%	123-132
		Warm white 100-0% - Cold white 100%	133-251
		Warm white 0% - Cold white 100%	252-255
		100% Luminous output intensity	0-15
	2	100-0% Luminous output intensity	16-150
		0% Luminous output intensity	151-160
		0-100% Strobe	161-255
		0-100% Strobe	161-255
3	1	0-100% Warm white	0-255
	2	0-100% Cold white	0-255
	3	100% Luminous output intensity	0-15
		100-0% Luminous output intensity	16-150
		0% Luminous output intensity	151-160
		0-100% Strobe	161-255

**Moled 50 RGB**

Mode Modo	Channel Canale	Function Funzione	Value Valore	
4	1	100% Warm White - 0% Cold White	0-3	
		100% Warm White - 0-100% Cold White	4-122	
		100% Warm White - 100% Cold White	123-132	
		100-0% Warm White - 100% Cold White	133-251	
		0% Warm White - 100% Cold White	252-255	
	2	100% Luminous output intensity	0-15	
		100-0% Luminous output intensity	16-150	
		0% Luminous output intensity	151-160	
		0-100% Strobe	161-255	
	3	100% Warm White - 0% Cold White	0-3	
		100% Warm White - 0-100% Cold White	4-122	
		100% Warm White - 100% Cold White	123-132	
		100-0% Warm White - 100% Cold White	133-251	
		0% Warm White - 100% Cold White	252-255	
	4	100% Luminous output intensity	0-15	
		100-0% Luminous output intensity	16-150	
		0% Luminous output intensity	151-160	
		0-100% Strobe	161-255	
	6	1	0-100% Warm White	0-255
		2	0-100% Cold White	0-255
3		100% Luminous output intensity	0-15	
		100-0% Luminous output intensity	16-150	
		0% Luminous output intensity	151-160	
		0-100% Strobe	161-255	
4		0-100% Warm White	0-255	
5		0-100% Cold White	0-255	
6		100% Luminous output intensity	0-15	
		100-0% Luminous output intensity	16-150	
		0% Luminous output intensity	151-160	
		0-100% Strobe	161-255	

**Moled 25 W**

Mode Modo	Channel Canale	Function Funzione	Value Valore
1	1	100% Luminous output intensity	0-15
		100-0% Luminous output intensity	16-150
		0% Luminous output intensity	151-160
		0-100% Strobe effect	161-255

**Moled 50 W**

Mode Modo	Channel Canale	Function Funzione	Value Valore
2	1	100% Luminous output intensity (1st Cluster)	0-15
		100-0% Luminous output intensity (1st Cluster)	16-150
		0% Luminous output intensity (1st Cluster)	151-160
		0-100% Strobe effect (1st Cluster)	161-255
	2	100% Luminous output intensity (2nd Cluster)	0-15
		100-0% Luminous output intensity (2nd Cluster)	16-150
		0% Luminous output intensity (2nd Cluster)	151-160
		0-100% Strobe effect (2nd Cluster)	161-255

Order code:

1

2

3

--	--	--

1	2		3	
Root code	Optic		Led Type	
AL4369	GO	Glass Opaline	RG	Red, Green, Blue

1

2

3

--	--	--

1	2		3	
Root code	Optic		Led Type	
AL4370	GO	Glass Opaline	RG	Red, Green, Blue



