

ISTRUZIONI DI MONTAGGIO

Installation instruction

GUARANTEE CONDITIONS:

Every technical-commercial relationship related to the guarantee conditions must be established only between LLD Light and its direct customers. As a consequence, third party is kindly invited to address directly to its suppliers. In case of failure or bad functioning of the spot, you're kindly invited to get in touch with our company by phone (+39 0444 1497877) in order to receive the technical support you require and the proper instructions to solve the problem. Whenever our technician finds out any manufacturing defects, our sale department will start the return procedures in order to replace or repair the faulty pieces.

Our products are guaranteed for 24 months from the purchase date.

THE GUARANTEE IS NOT VALID IN THE FOLLOWING CASES:

- 1) Bad functioning due to the improper use of the product, tampering, inadequate repairs, electrician's negligence, disregard of the installing instructions;
- 2) Installing in systems which are not compliant with the general safety rules;
- 3) Use of power supplies/ driver switchings which are not provided or approved by LLD;
- 4) Damages caused by natural phenomena such as lightning, fires or flooding;
- 5) Damages caused by wiring/ connections with a IP degree lower than the spot's;
- 6) Damages which occurred during the transport of the goods. In these case the damages will be attributed to the shipping agent;
- 7) The guarantee does not cover the dismantling costs;

LLD RECOMMENDS:

- 1) To use connection devices compliant with all the necessary European rules;
- 2) To use very good quality cables, connectors and materials for the wiring;
- 3) In case of IP67/ IP68 products, to make the wiring / connections with the proper protection devices included in our catalogue;
- 4) For outdoor installations, to install the power supplies with the proper protections;

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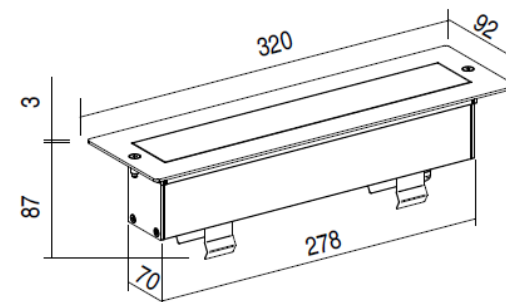
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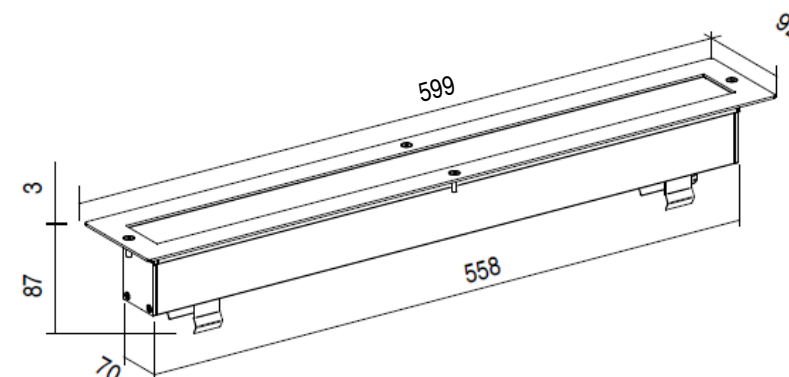
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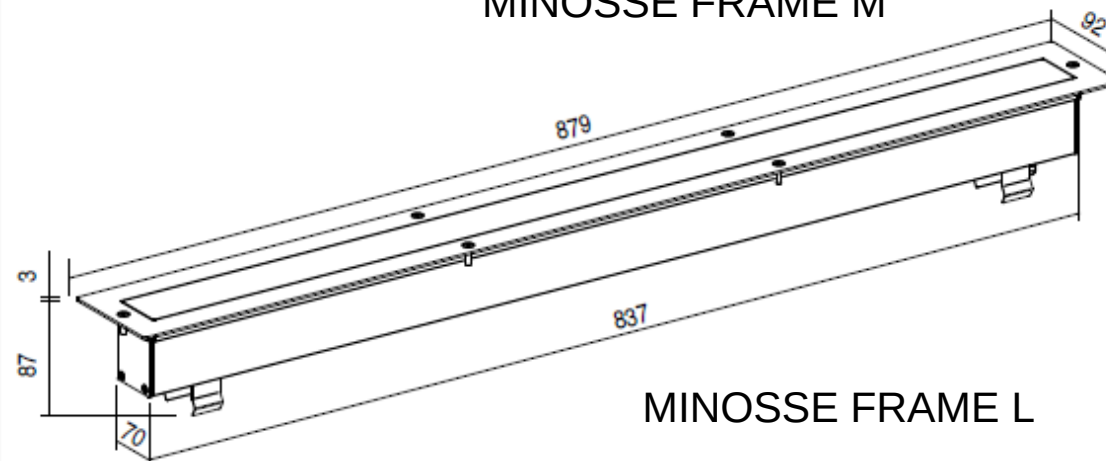
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MINOSSE FRAME S



MINOSSE FRAME M

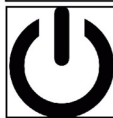


MINOSSE FRAME L



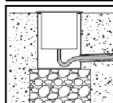
E' Obbligatorio che l'installazione e la messa in servizio dell'apparecchio vengano effettuate da personale qualificato nel rispetto delle norme vigenti

Connection and maintenance of the luminaire must be carried out by trained and qualified staff only, in compliance with the regulation in force.



Prima di effettuare qualsiasi intervento sugli apparecchi, assicurarsi che l'alimentazione sia scollegata

Make sure there is no power connected to the fitting before carrying out any maintenance



Predisporre uno strato drenante, poi riempirlo d'acqua e assicurarsi che l'acqua esca tutta in 30 minuti. In caso contrario è obbligatorio un sistema di drenaggio superiore

Place the luminaire on a drainage layer and fill it with water. If after 30 minutes water is still in the housing box, it is compulsory to integrate an additional draining system.

IP WIRING

Il sistema di connessione deve avere un grado di protezione IP uguale o superiore al grado IP del prodotto

The connection system must be equal to or greater than the IP rating of the spotlight

WP SYSTEM

La maggior parte degli apparecchi con grado di protezione IP67 e in bassa tensione sono dotati del sistema "WP System" per garantire un'ottima protezione all'acqua e all'umidità lungo i cavi di connessione.

All spotlight with IP67 rating protection are equipped with "Water Protection" system or X-DRY connector for giving effective protection against water passage along connecting cables.



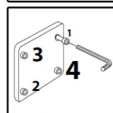
Pulire periodicamente gli apparecchi per rimuovere gli accumuli di sporco che si depositano sulle flange e nella testa delle viti. Pulire le parti in acciaio utilizzando appositi detergenti

Keep the luminaire clean to prevent dirt deposit on frames and screws head. On steel parts use dedicated cleaners only



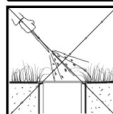
E' consigliabile utilizzare del grasso al silicone sui filetti delle viti di chiusura dell'apparecchio per facilitarne le manutenzioni future

For an easy maintenance of the luminaire we recommend protecting screws threads with silicone grease before exposure to weather



Bloccare e sbloccare le viti di chiusura con sequenza alternata

Tighten and release screws alternately



Tenere lontano da sostanze chimiche aggressive

Keep away from aggressive agents

CABLAGGIO VERSIONE STANDARD

Prima di effettuare qualsiasi operazione di manutenzione e/o installazione, assicurarsi che la tensione di rete sia disinserita. Effettuare il collegamento alla rete elettrica solamente dopo aver completato il cablaggio di tutti i componenti, pena la distruzione dell'elettronica interna. Per la scelta dell'alimentatore corretto, sommare i consumi dei singoli profili e aggiungere un margine del 30% al totale.

COLLEGAMENTO A TENSIONE DI RETE (versione 230Vac)

Collegare direttamente l'apparecchio alla rete elettrica.

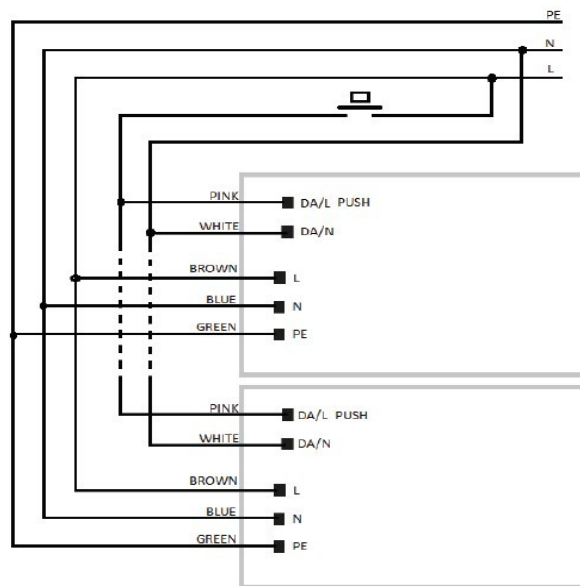
STANDARD VERSION WIRING

Before any installation and/or maintenance operation, always make sure the electrical power is off. Make the connection to the electric system only after completing the wiring of all the components. In order to choose the correct power supply, sum the power consumption of each spot and add a 30% tolerance margin.

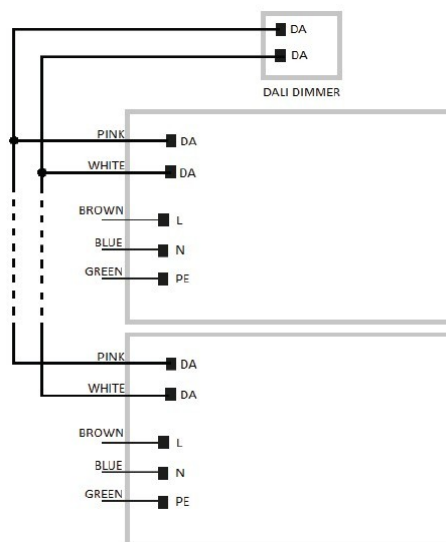
CONNECTIONS TO MAINS (230Vac version)

Connect the lamp to the mains network

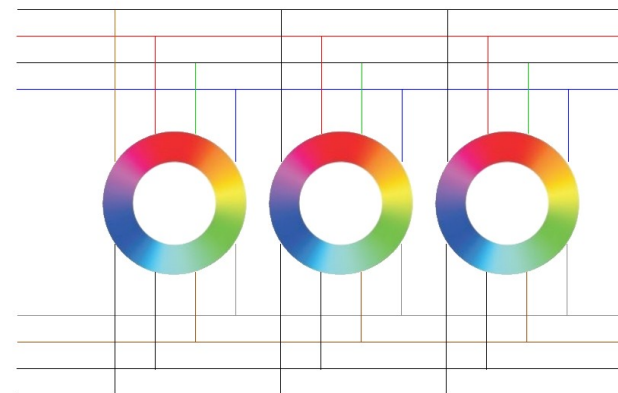
Dimmerazione PUSH



Dimmerazione DALI



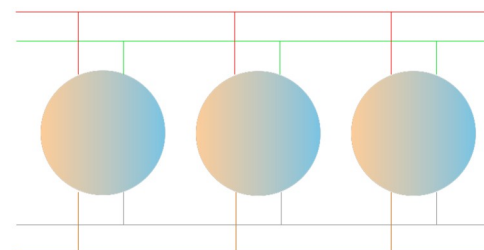
CONNESSIONE IN PARALLELO RGBW 24VDC RGBW 24VDC PARALLEL CONNECTION



+R: ROSSO/RED;
+G: VERDE/GREEN
+B: BLU/BUE
+W: GIALLO/YELLOW

-R: BIANCO/WHITE
-G: MARRONE/BROWN
-B: GRIGIO/GREY
-W: ROSA/PINK

CONNESSIONE IN PARALLELO T. WHITE 24VDC T.WHITE 24VDC PARALLEL CONNECTION



+C: GIALLO/YELLOW;
+W: VERDE/GREEN

-C: GRIGIO/GREY
-W: MARRONE/BROWN

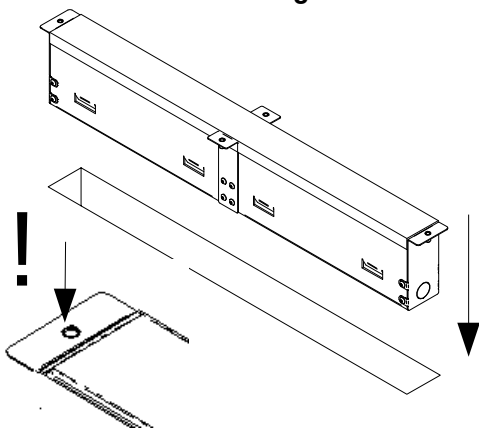
INSTALLAZIONE A PAVIMENTO FLOOR INSTALLATION

Controcassa + DIMA
Housing box + DIMA

Murare la controcassa con la dima di installazione a filo del pavimento finito. Attenzione ! Proteggere le sedi filettate

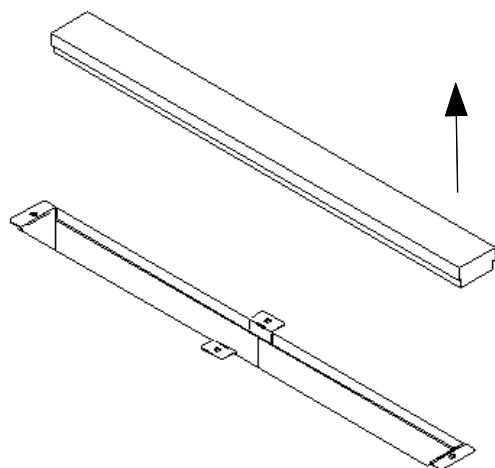
Brick in the housing box with the jig leveled with the finished floor

Warning!
Protect threaded seats



Rimuovere la dima dalla controcassa

Remove the jig screws from the housing box



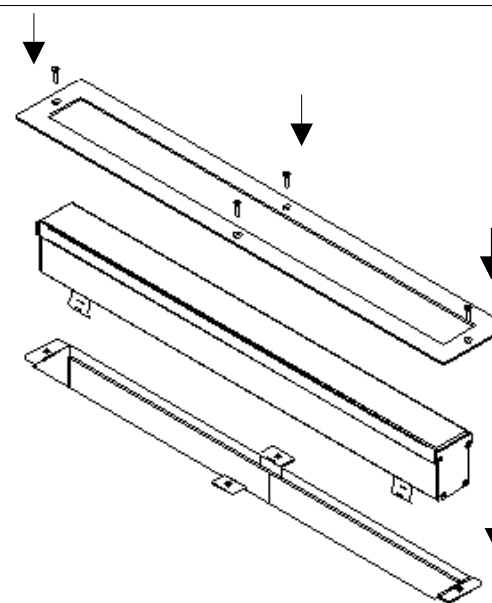
Eseguire il cablaggio elettrico, avendo cura di sigillare i cavi con mezzi adeguati a garantire la tenuta IP

Inserire il profilo luminoso a pavimento tramite le molle incluse

Posizionare la cornice e fissarla con le viti fornite

Make the electrical connections, carefully sealing the junctions with proper devices to ensure the IP protection degree

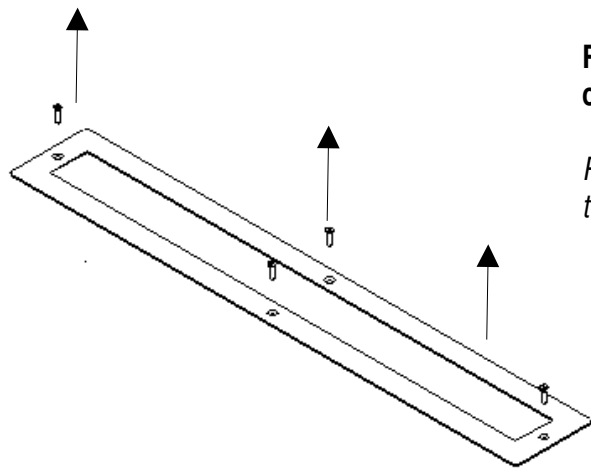
Insert the profile into housing box through springs included. Place the frame and secure it with the screws provided



NOTA: nel caso di lunghe installazioni continue (oltre 3m) è necessario lasciare uno spazio di circa 3mm tra gli elementi (comprese le casseforme e le cornici) per ovviare alle dilatazioni termiche del materiale, che altresì ne causerebbero la deformazione per compressione

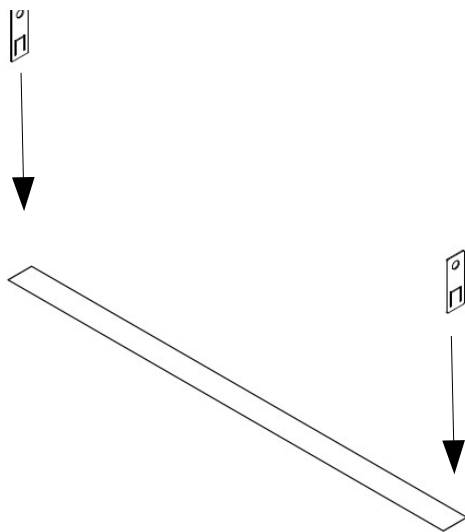
NOTE: in case of long continuous installations (over 3m) it is necessary to leave a free space of about 3mm between each element (including the housing boxes and frames) to prevent the material warping caused by thermal expansion.

DISINSTALLAZIONE - UNINSTALLING



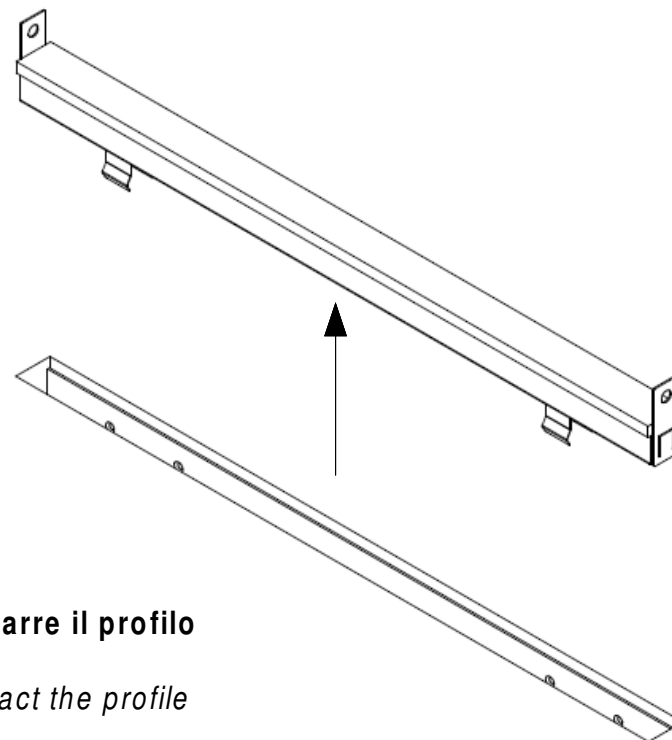
Rimuovere le viti e la cornice

Remove the screws and the frame



Inserire le chiavi di smontaggio all'estremità del profilo

Insert the unistalling key at the ends of profile



Estrarre il profilo

Extract the profile