



# ISTRUZIONI DI MONTAGGIO MOUNTING INSTRUCTIONS

REVISIONE N°.  
REVISION N°.

Rev. 3

DATA

29/07/2025

LED-FG1851

TEMPLATE: MK68\_RF | MK68\_R

BRAND: i-LèD

## INFORMAZIONI TECNICHE - TECHNICAL INFORMATION

|                                                                   |                                                       |
|-------------------------------------------------------------------|-------------------------------------------------------|
| Tensione nominale - Rated voltage                                 | Vedi tabella elenco prodotti - See product list table |
| Frequenza - Frequency                                             | --                                                    |
| Classe di isolamento - Insulation class                           | CLASSE III                                            |
| Temperatura ambiente di utilizzo - Ambiente temperature for using | -20°C ÷ +50°C                                         |
| Grado di protezione - Degree of protection                        | IP 68                                                 |
| Potenza - Power                                                   | Vedi tabella elenco prodotti - See product list table |

## Installazione / Manutenzione - Installation / Maintenance

L'articolo dovrà essere installato da personale qualificato, **seguito le normative d'installazione vigenti del paese di appartenenza**; in caso di malfunzionamento o necessità di manutenzione della plafoniera contattare il servizio clienti LINEA LIGHT: [support@linealight.com](mailto:support@linealight.com).

**È VIETATO APRIRE/ TOCCARE L'ARTICOLO MENTRE È IN FUNZIONE;**

Qualora non vengano rispettate le regole indicate, **l'azienda LINEA LIGHT declina ogni tipologia di responsabilità.**

The item must be installed by qualified personnel, **in accordance with the installation regulations in force in the country in question**; in case of ceiling light malfunction or need for maintenance contact LINEA LIGHT customer service: [support@linealight.com](mailto:support@linealight.com).

**IT IS FORBIDDEN TO OPEN/TOUCH THE ITEM WHILE IT IS IN OPERATION;**

If the indicated rules are not respected, **the LINEA LIGHT company declines any type of responsibility.**

## UTILIZZO CONFORME:

L'apparecchio è garantito esclusivamente se l'articolo in questione sia stato installato seguendo le istruzioni riportate in questo manuale istruzioni e da quello generale presente all'interno dell'imballo e/o scaricabile dal nostro sito [www.linealight.com](http://www.linealight.com);

Un utilizzo scorretto dell'apparecchio può influire sulla durata utile della lampada e/o potrebbe avere un guasto precoce.

Per ulteriori avvertenze e spiegazione di eventuali simboli vedere il foglio istruzioni generale.

Conservare le presenti istruzioni per futuri lavori di installazione/manutenzione.

## APPROPRIATE USE:

The appliance is guaranteed only if the item in question has been installed following the instructions given in this instruction manual and from the general one inside the packaging and/or downloadable from our website [www.linealight.com](http://www.linealight.com);

Improper use of the fixture may affect the lamp life and/or may have premature failure.

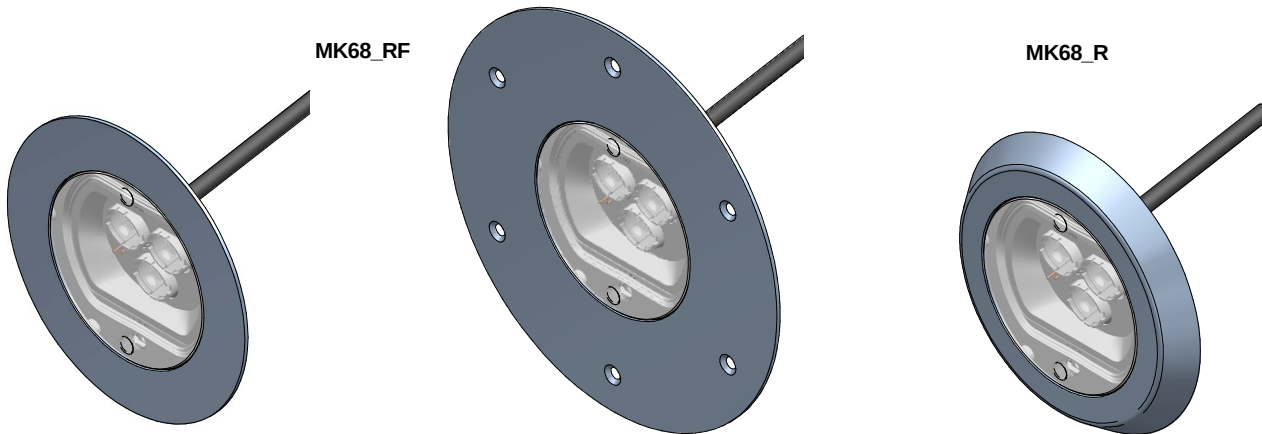
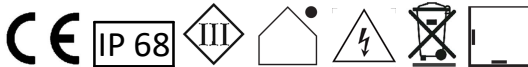
For further warnings and explanation of any symbols, see the general instruction sheet.

Keep these instructions for future installation/maintenance work.

(ITA) - I prodotti devono essere installati tassativamente con alimentazioni, cablaggi e accessori originali del Gruppo Linea Light, o eventualmente approvati dall'azienda. L'utilizzo di accessori non originali, o non approvati, determina il decadimento di ogni garanzia sul prodotto. (ENG) - All power supply, wiring and accessories used for product installation shall be original Linea Light Group parts or approved by the company. The warranty will become void if non original or non approved parts are used. (FRA) - Les produits doivent impérativement être installés avec des alimentations, des câblages et des accessoires Linea Light Group, ou qui ont été approuvés par l'entreprise. L'utilisation d'accessoires non d'origine, ou non approuvés, entraîne la déchéance de toute garantie sur le produit. (ESP) - Los productos se han de instalar obligatoriamente con alimentaciones, cableados y accesorios originales de Linea Light Group o, de otra forma, deben ser aprobados por la empresa misma. El uso de accesorios no originales, o no aprobados, anula todas las garantías del producto. (GER) Die Produkte müssen obligatorisch mit Originalstromversorgung, Originalkabeln und Originalzubehör der Linea Light Group oder mit Teilen, die von der Linea Light Group ausdrücklich empfohlen sind, installiert werden. Die Verwendung von nicht originalen oder nicht vom Hersteller empfohlenem Zubehör führt zu einem sofortigen Verfall vom Garantieanspruch für das Produkt.

TEMPLATE: MK68\_RF | MK68\_R

BRAND: i-LèD



### ELENCO ARTICOLI

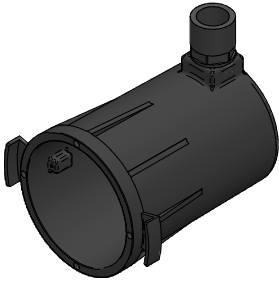
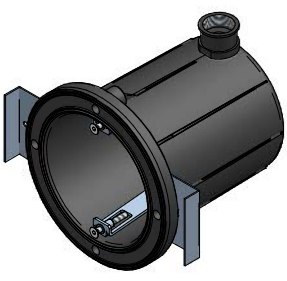
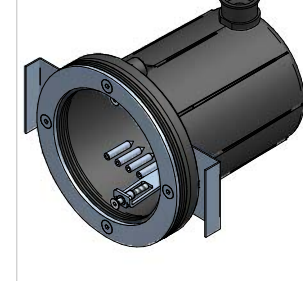
### LIST OF FIXTURES

| TYPE    | CODE           | CAVO<br>CABLE<br>[m] | D (mm) | POWER | INPUT |
|---------|----------------|----------------------|--------|-------|-------|
| MK68_RF | 84031          | 2                    | 108    | 4,5W  | 12V   |
|         | C00316         | 5                    |        | 4,5W  | 12V   |
|         | C00319         | 15                   |        | 4,5W  | 12V   |
|         | C00322         | 30                   |        | 4,5W  | 12V   |
|         | 84032          | 2                    |        | 4W    | 350mA |
|         | C00323         | 5                    |        | 4W    | 350mA |
|         | C00330         | 15                   |        | 4W    | 350mA |
|         | 84033, 76737   | 5                    | 148    | 12W   | 12V   |
|         | C00305, C00311 | 15                   |        | 12W   | 12V   |
|         | C00076, C00085 | 30                   |        | 12W   | 12V   |
|         | C00077, C00086 | 60                   |        | 12W   | 12V   |
|         | 84034, 76738   | 5                    | 230    | 13W   | 350mA |
|         | 84037, 76733   | 5                    |        | 26W   | 12V   |
|         | C00307, C00312 | 15                   |        | 26W   | 12V   |
|         | C00078, C00104 | 30                   |        | 26W   | 12V   |
|         | 84039, 76734   | 5                    |        | 18W   | 500mA |
|         | 84038, 76735   | 5                    |        | 38W   | 12V   |
|         | C00079, C00105 | 20                   |        | 38W   | 12V   |
|         | 84040, 76736   | 5                    |        | 25W   | 700mA |
| MK68_R  | 84035          | 5                    | 145    | 12W   | 12V   |
|         | C00308         | 15                   |        | 12W   | 12V   |
|         | C00080         | 30                   |        | 12W   | 12V   |
|         | C00081         | 60                   |        | 12W   | 12V   |
|         | 84036          | 5                    |        | 13W   | 350mA |
|         | 84041          | 5                    | 226    | 26W   | 12V   |
|         | C00309         | 15                   |        | 26W   | 12V   |
|         | C00082         | 30                   |        | 26W   | 12V   |
|         | 84043          | 5                    |        | 18W   | 500mA |
|         | 84042          | 5                    |        | 38W   | 12V   |
|         | C00084         | 20                   |        | 38W   | 12V   |
|         | C00310         | 30                   |        | 38W   | 12V   |
|         | 84044          | 5                    |        | 25W   | 700mA |

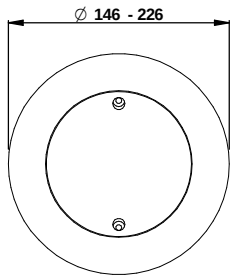
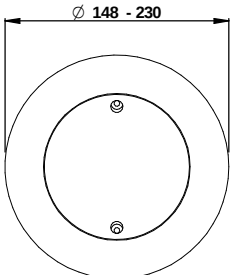
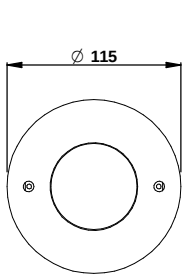
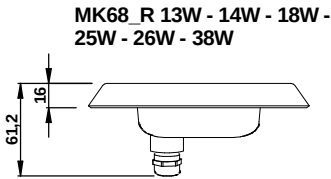
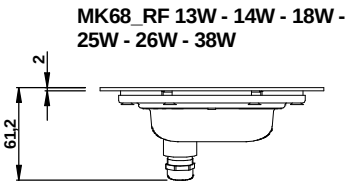
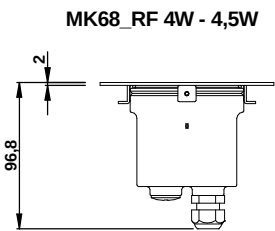
TEMPLATE: MK68\_RF | MK68\_R

BRAND: i-LèD

ACCESSORI NON INCLUSI  
ACCESSORIES NOT INCLUDED

|                                                                                                                         |                                                                                                                          |                                                                                                                                          |                                                                                                                          |                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <p>MK68_RF 4W - 4,5W<br/>A. 83140</p>  | <p>MK68_RF 13W - 14W<br/>A. 83141</p>  | <p>MK68_RF 18W - 25W<br/>- 26W - 38W<br/>A. 83142</p>  | <p>MK68_R 13W - 14W<br/>A. 83197</p>  | <p>MK68_R 18W - 25W - 26W -<br/>38W<br/>A.83198</p>  |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|

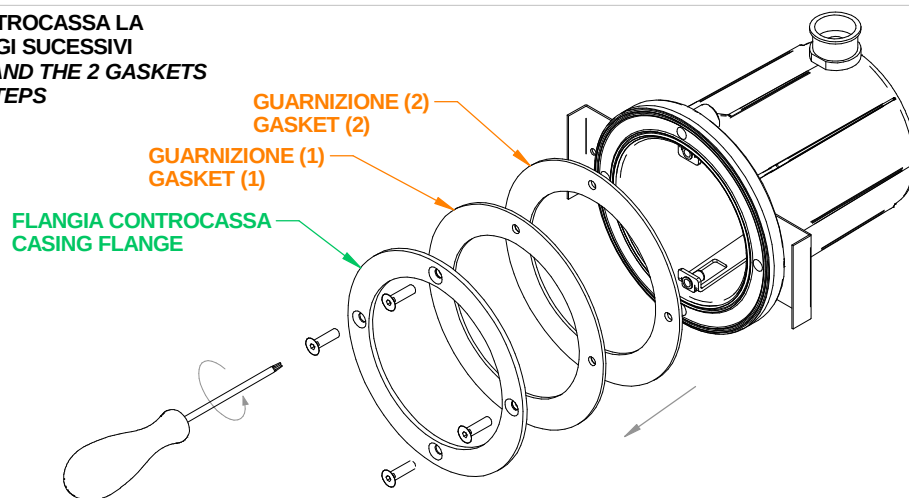
DIMENSIONI  
DIMENSIONS



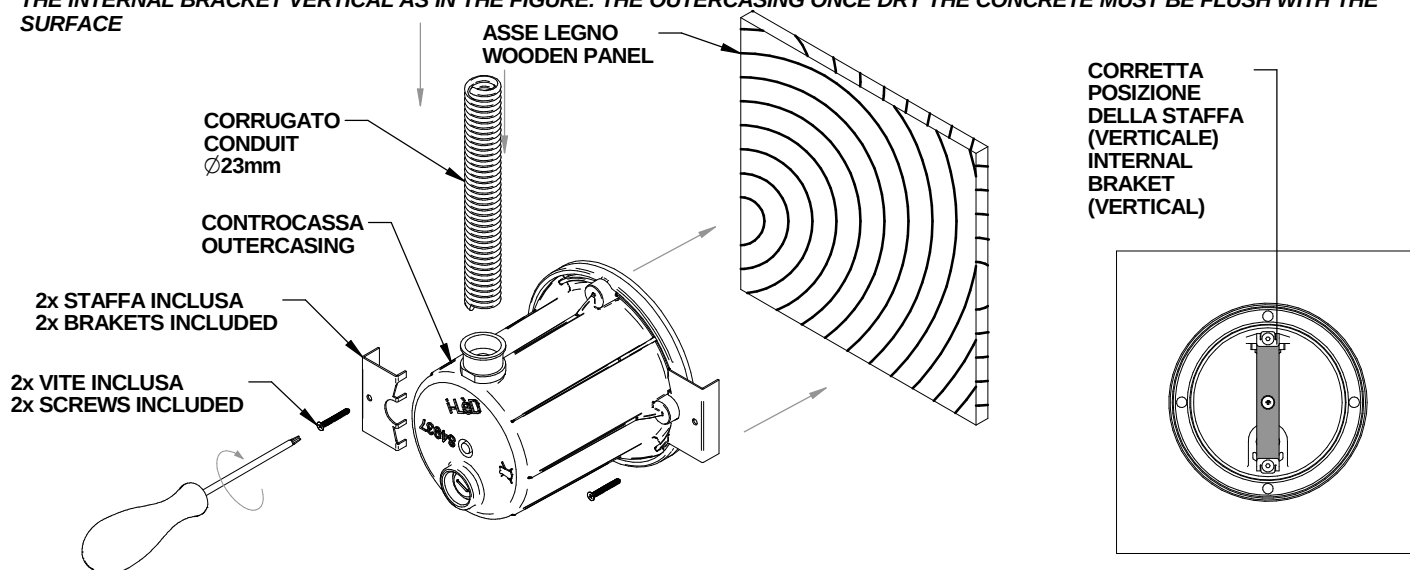
TEMPLATE: MK68\_RF | MK68\_R

BRAND: i-LèD

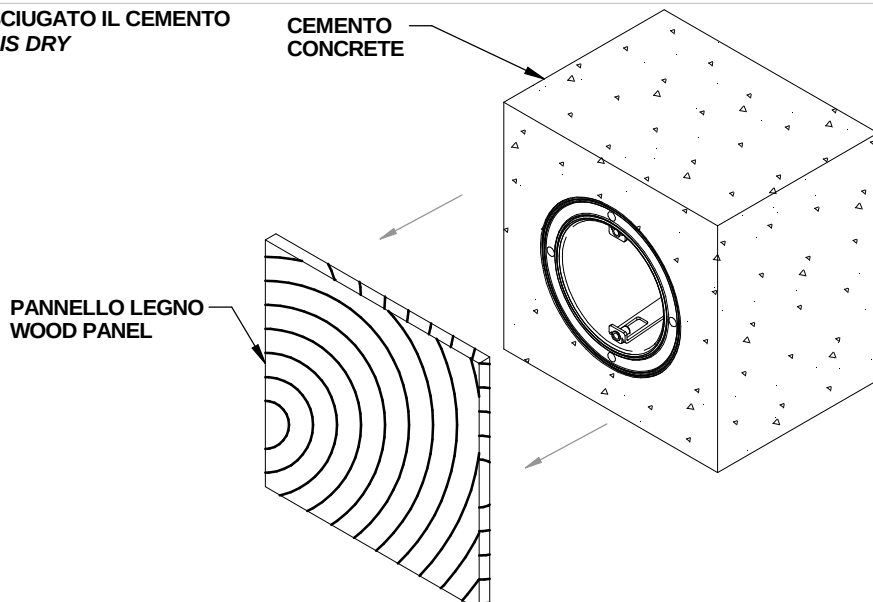
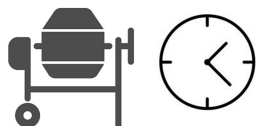
- 1** SOLO PER MK68\_R RIMUOVERE DALLA CONTROCASSA LA FLANGIA E LE 2 GUARNIZIONI PER I PASSAGGI SUCCESSIVI  
ONLY FOR MK68\_R REMOVE THE FLANGE AND THE 2 GASKETS FROM THE OUTERCASING FOR THE NEXT STEPS



- 2** FISSARE LA CONTROCASSA AD UN PANNELLO DI LEGNO PER POSIZIONARLA NEL GETTO DI CEMENTO, POSIZIONARE LA CONTROCASSA CON LA STAFFA INTERNA IN VERTICALE COME IN FIGURA. LA CONTROCASSA UNA VOLTA ASCIUTTO IL CEMENTO DEVE ESSERE A RASO AL GETTO.  
FIX THE FIXING OUTERCASING TO A WOODEN PANEL TO POSITION IT IN THE CONCRETE CASTING, POSITION THE OUTERCASING WITH THE INTERNAL BRACKET VERTICAL AS IN THE FIGURE. THE OUTERCASING ONCE DRY THE CONCRETE MUST BE FLUSH WITH THE SURFACE



- 3** RIMUOVERE IL PANNELLO DI LEGNO UNA VOLTA ASCIUGATO IL CEMENTO  
REMOVE THE WOOD PANEL ONCE THE CONCRETE IS DRY



TEMPLATE: MK68\_RF | MK68\_R

BRAND: i-LèD

3.A

SOLO PER MK68\_RF INSTALLAZIONE SU PIASTRELLE  
ONLY FOR MK68\_RF INSTALLATION ON TILES

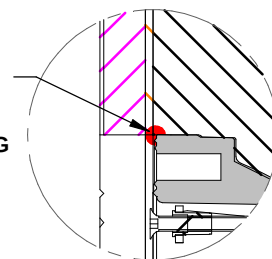


IMPERMEABILIZZANTE  
WATERPROOFING

PIASTRELLE/  
MOSAICO  
TILES

SIGILLARE CON MASTICE  
IDROESPANSIVO

TO SEAL WITH WATER-SWELLING  
ELASTIC SEALANT



DETTAGLIO B  
DETAIL B

min 10mm MAX 18mm  
IMPERMEABILIZZANTE + PIASTRELLA / MOSAICO  
WATERPROOF LAYER + TILES / MOSAIC

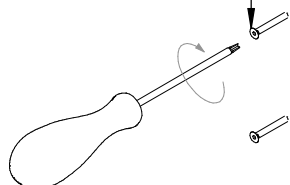
4.A

Impermeabilizzazione /  
Waterproofing

Piastella / Tile

Collante / Adhesive

2x VITE INCLUSA  
2x SCREWS INCLUDED



CHIUDERE BENE IL  
PRESSACAVO

TIGHTEN THE  
CABLE GLAND

CAVIDOTTO  
CONDUIT  
Ø23mm

CEMENTO  
CONCRETE

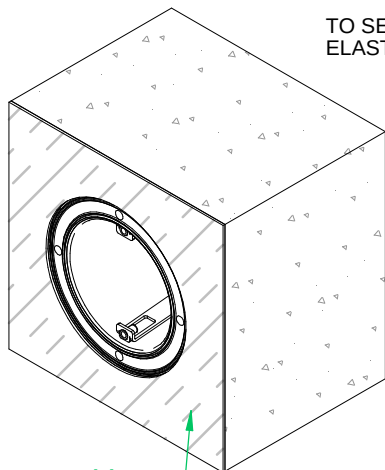
CEMENTO  
CONCRETE

TEMPLATE: MK68\_RF | MK68\_R

BRAND: i-LèD

3.B

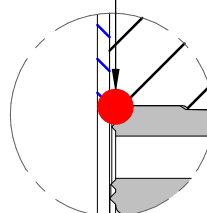
SOLO PER MK68\_R INSTALLAZIONE SU IMPERMEABILIZZANTE  
ONLY FOR MK68\_R INSTALLATION ON WATERPROOFING



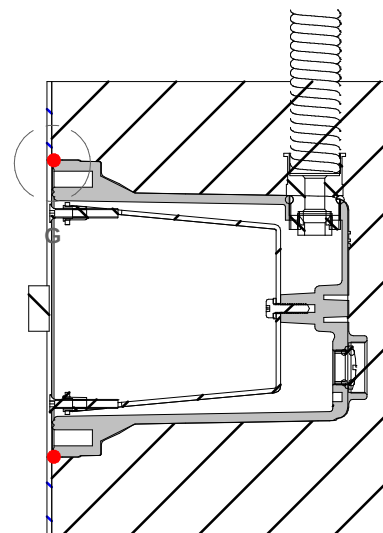
Isolante elastico cementizio  
Elastic cementitious insulation

SIGILLARE CON MASTICE  
IDROESPANSIVO

TO SEAL WITH WATER-SWELLING  
ELASTIC SEALANT

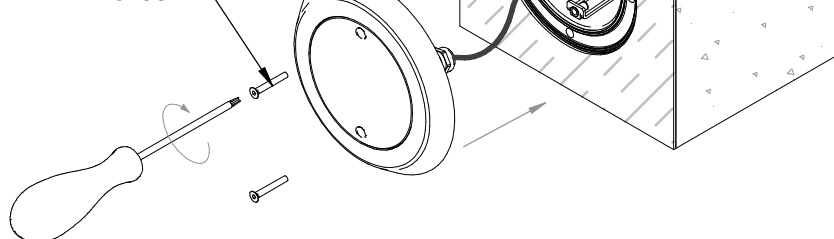


DETTAGLIO G  
DETAIL G



4.B

2x VITE INCLUSA



CHIUDERE BENE IL  
PRESSACAVO

TIGHTEN THE  
CABLE GLAND

Isolante  
elastico  
cementizio

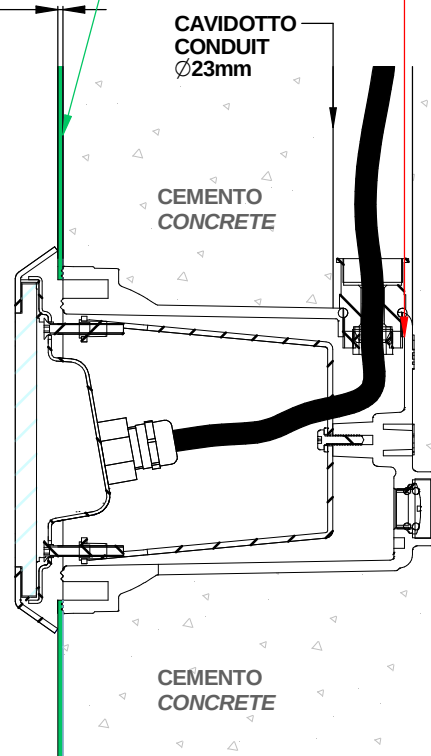
Waterproofing  
flexible  
cementitious  
mortar

CAVIDOTTO  
CONDUIT  
Ø23mm

CEMENTO  
CONCRETE

CEMENTO  
CONCRETE

2





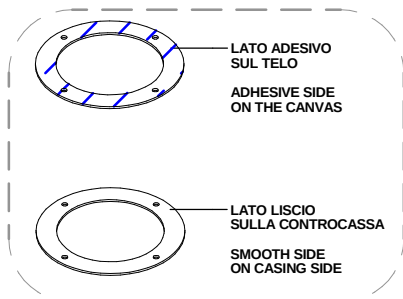
TEMPLATE: MK68\_RF | MK68\_R

BRAND: i-LèD

3.C

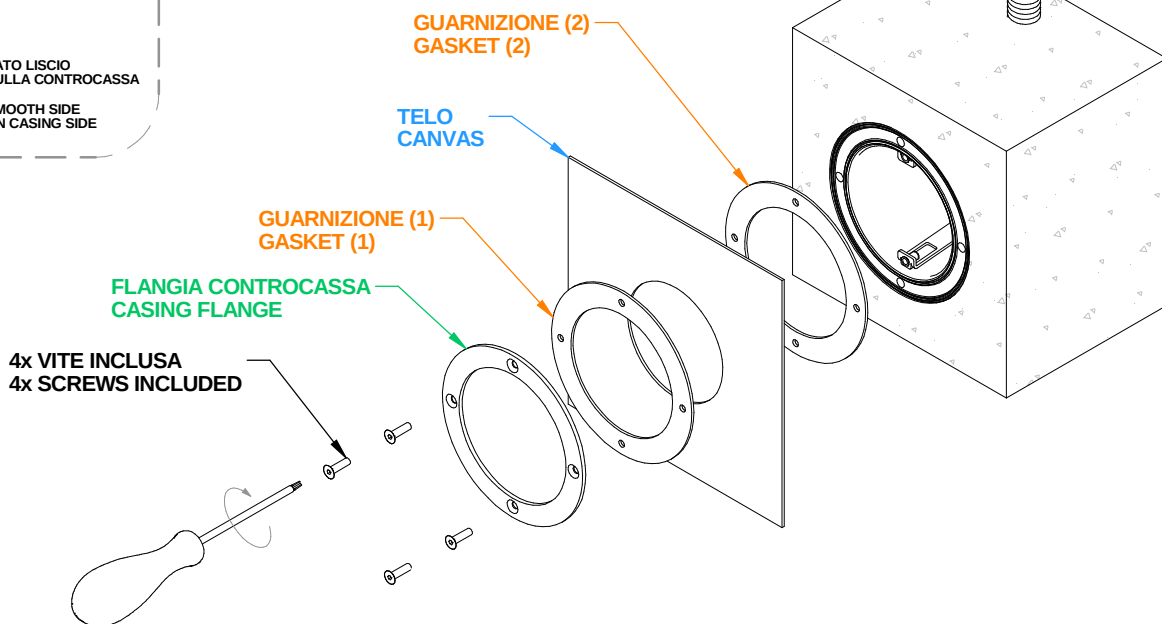
SOLO PER NAUTILUS\_R INSTALLAZIONE SU TELO  
ONLY FOR NAUTILUS\_R INSTALLATION ON CANVAS

GUARNIZIONE / GASKET

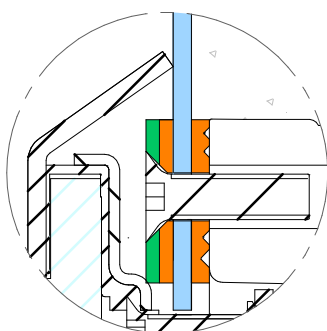


Ø CONTROCASSA | CASING Ø TELO | CANVAS

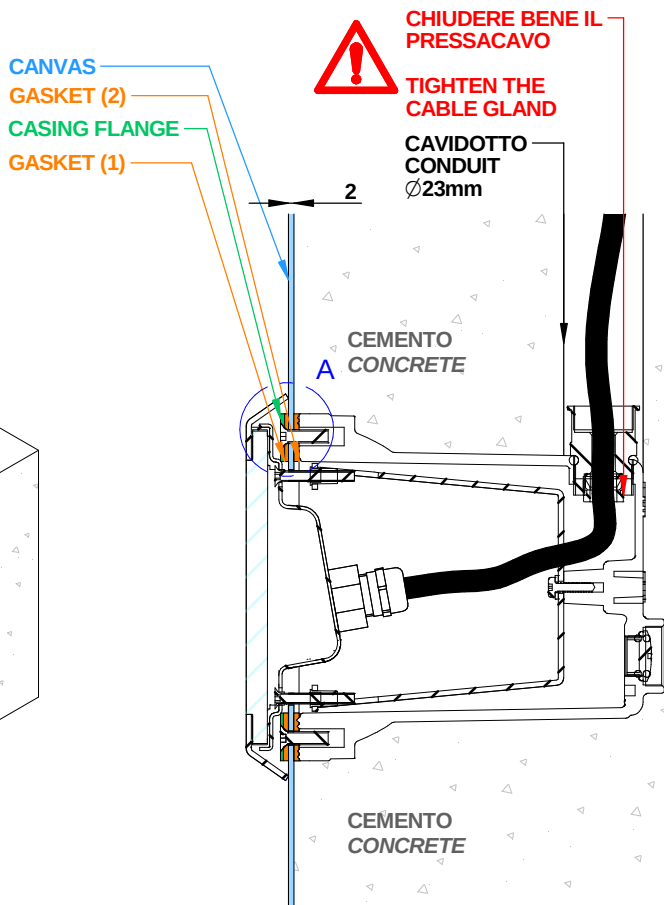
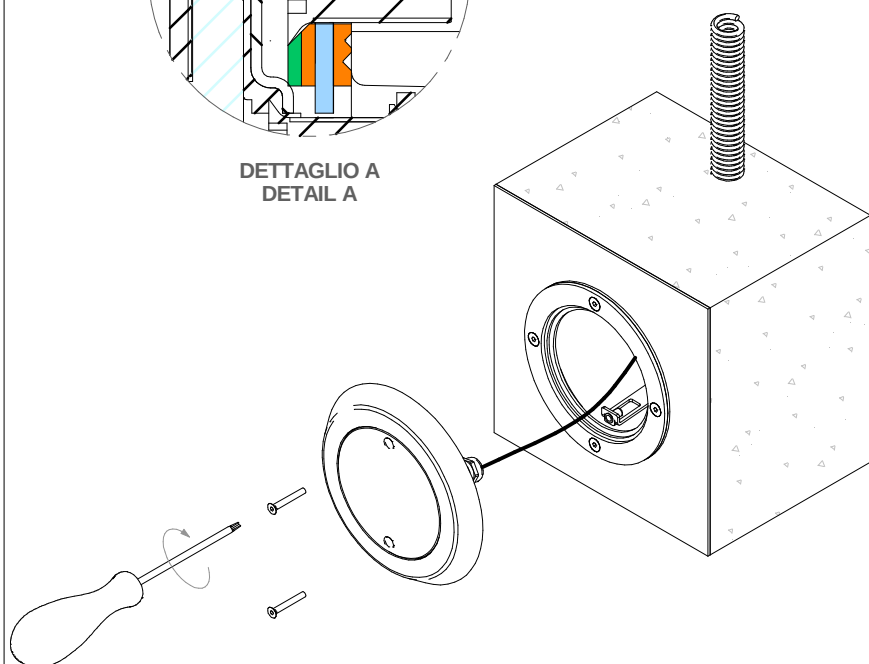
|        |        |
|--------|--------|
| 95 mm  | 89 mm  |
| 174 mm | 168 mm |



4.C



DETTAGLIO A  
DETAIL A



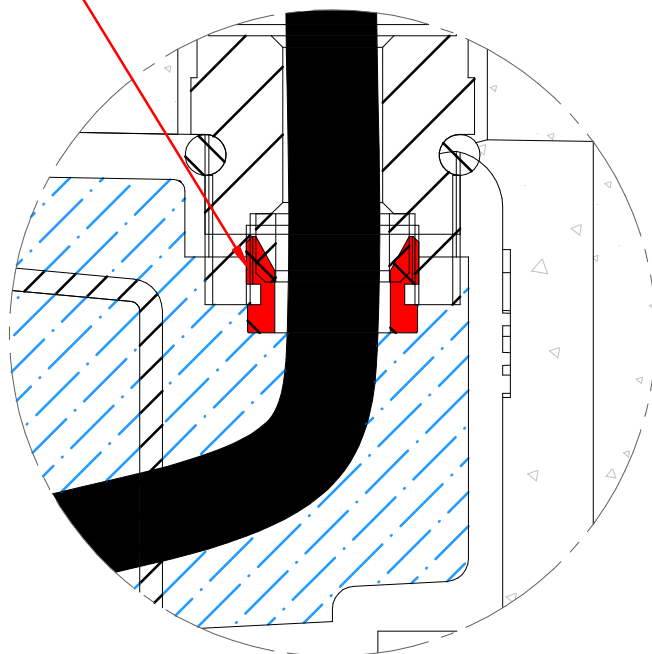
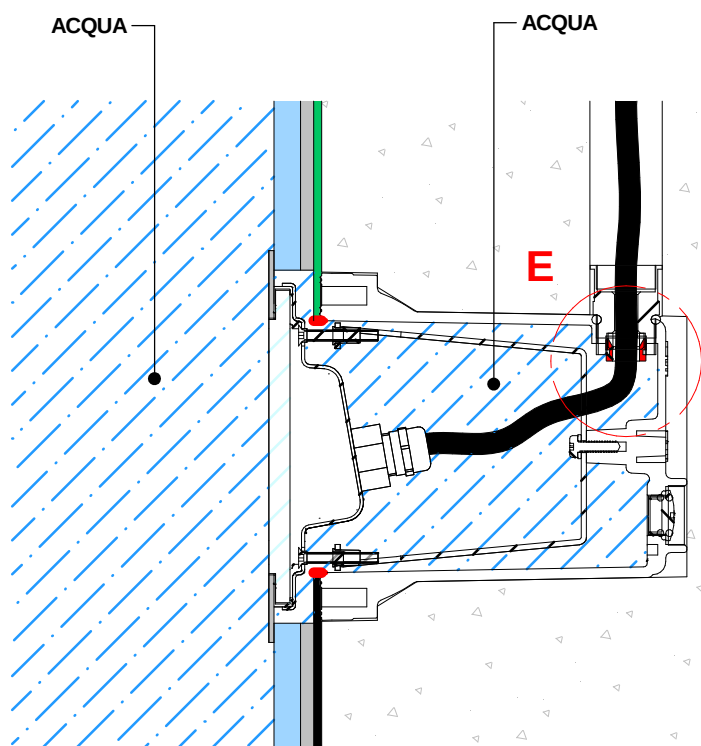
TEMPLATE: MK68\_RF | MK68\_R

BRAND: i-LèD

## ATTENZIONE WARNING

LA CONTROCASSA SI RIEMPIE D'ACQUA PER IL CORRETTO FUNZIONAMENTO DEL PRODOTTO.  
IL PRESSACAVO INTERNO DEVE ESSERE BEN SERRATO PER EVITARE PERDITE CHE DANNEGGINO IL CIRCUITO ELETTRICO

THE OUTER CASING NEEDS TO BE FILLED WITH WATER FOR THE FITTING TO WORK PROPERLY  
THE INTERNAL CABLE GLAND MUST BE TIGHTENED TO AVOID LEAKS THAT COULD DAMAGE THE ELECTRICAL CIRCUIT



DETTAGLIO E  
DETAIL E



TEMPLATE: MK68\_RF | MK68\_R

BRAND: i-LèD

CABLAGGIO / WIRING

MARRONE / BROWN = LINEA / LINE

AZZURRO / LIGHT BLUE = NEUTRO / NEUTRAL

GIALLO-VERDE / YELLOW-GREEN = TERRA / EARTH CPC | PE

**1**

TUTTE LE OPERAZIONI DI COLLEGAMENTO ALLA RETE ELETTRICA DEVONO ESSERE CONDOTTE IN MANCANZA DI TENSIONE

ALL THE WIRING OPERATION MUST BE PERFORMED WITH MCB IN OFF POSITION

**2**

SE IL PRODOTTO E' DEFINITO IN CLASSE 1, IL CONDUTTORE DI MESSA A TERRA DI PROTEZIONE DEVE ESSERE SEMPRE COLLEGATO

IF THE FITTING IS CLASS 1 RATED, THE CPC | EARTH | PE CONDUCTOR MUST BE CONNECTED

**3**

SE IL PRODOTTO E' DEFINITO IN CLASSE 3, IL CIRCUITO SECONDARIO A BASSA TENSIONE DEVE ESSERE COLLEGATO ALL'ALIMENTATORE PRIMA CHE QUESTO SIA SOTTO TENSIONE

IF THE FITTING IS CLASS 3 RATED, THE LOW VOLTAGE CIRCUIT MUST BE WIRED BEFORE THE POWER SUPPLY IS POWERED ON

**3**

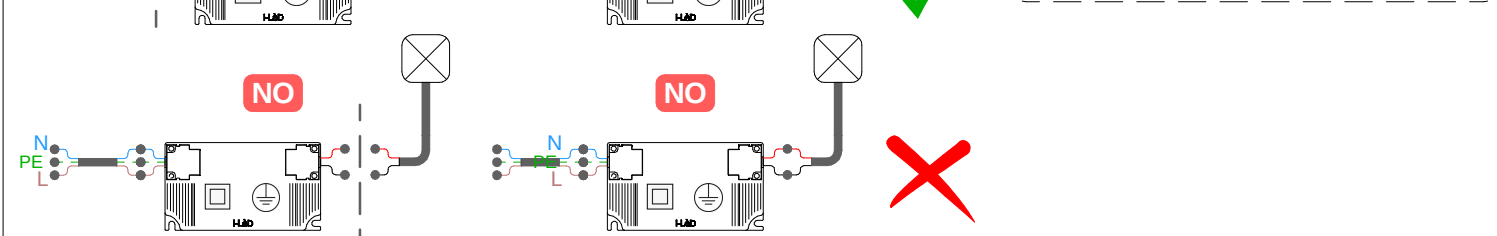
SE IL CARICO VENISSE COLLEGATO AD ALIMENTATORE SOTTO TENSIONE, I PRODOTTI POTREBBERO DANNEGGIARSI, SUBENDO UN DANNO DA SOVRATENSIONE

IF THE LOAD IS WIRED TO AN ALREADY ON POWER SUPPLY, THE FITTINGS COULD BE DAMAGED BY VOLTAGE SURGE

**4**

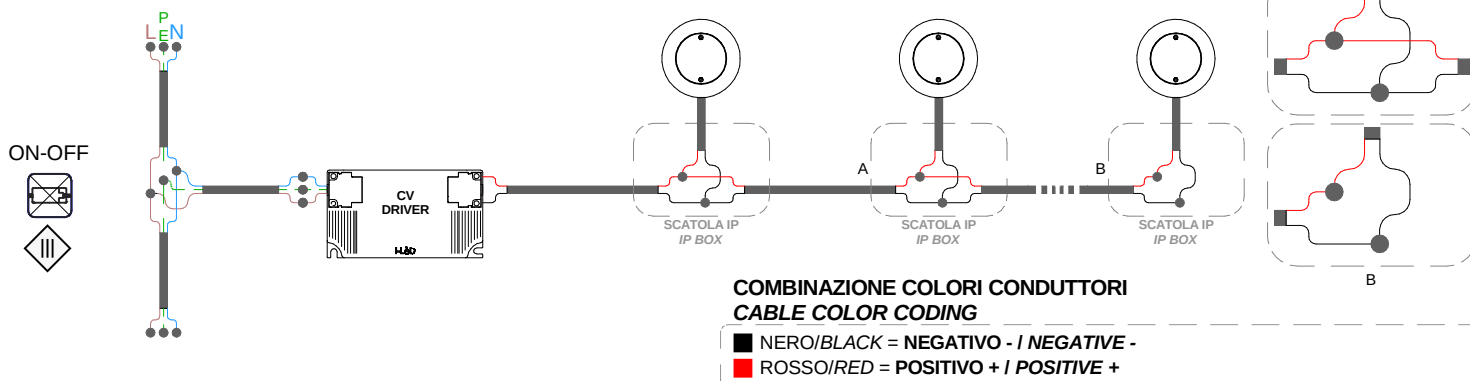
SE L'IMPIANTO E' STATO COMPLETATO ED E' IN SICUREZZA, PUO' ESSERE ALIMENTATO

WHEN THE CIRCUIT IS COMPLETED AND SAFE, MCB CAN BE SET IN ON POSITION



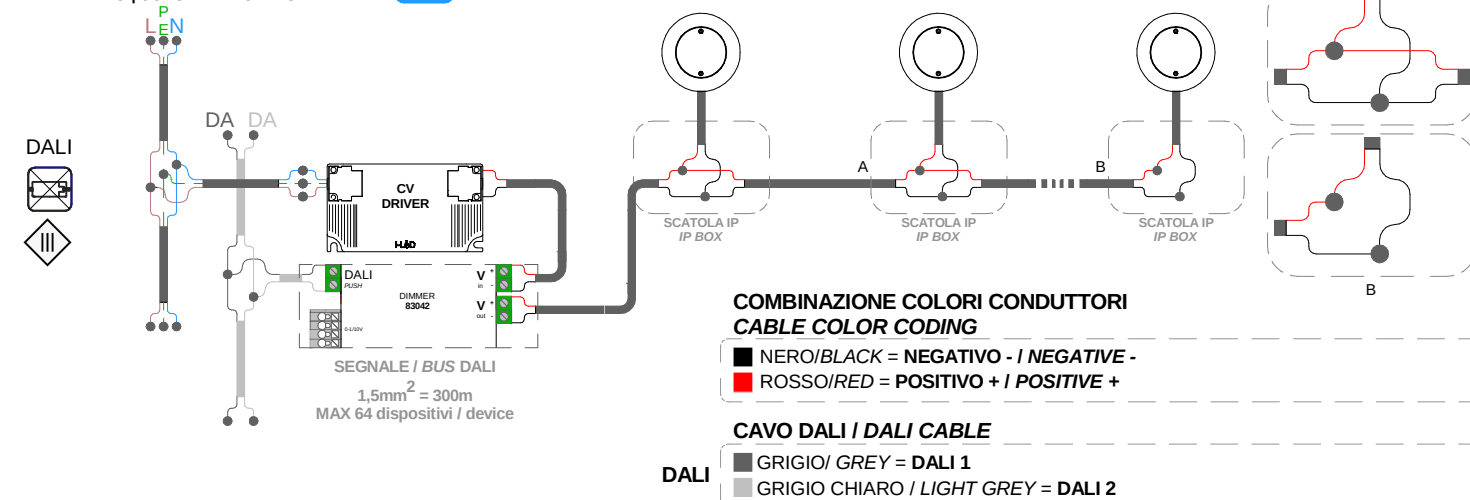
CABLAGGIO IN PARALLELO | TENSIONE COSTANTE  
PARALLEL WIRING | CONSTANT VOLTAGE

CV



CABLAGGIO IN PARALLELO | TENSIONE COSTANTE  
PARALLEL WIRING | CONSTANT VOLTAGE

CV

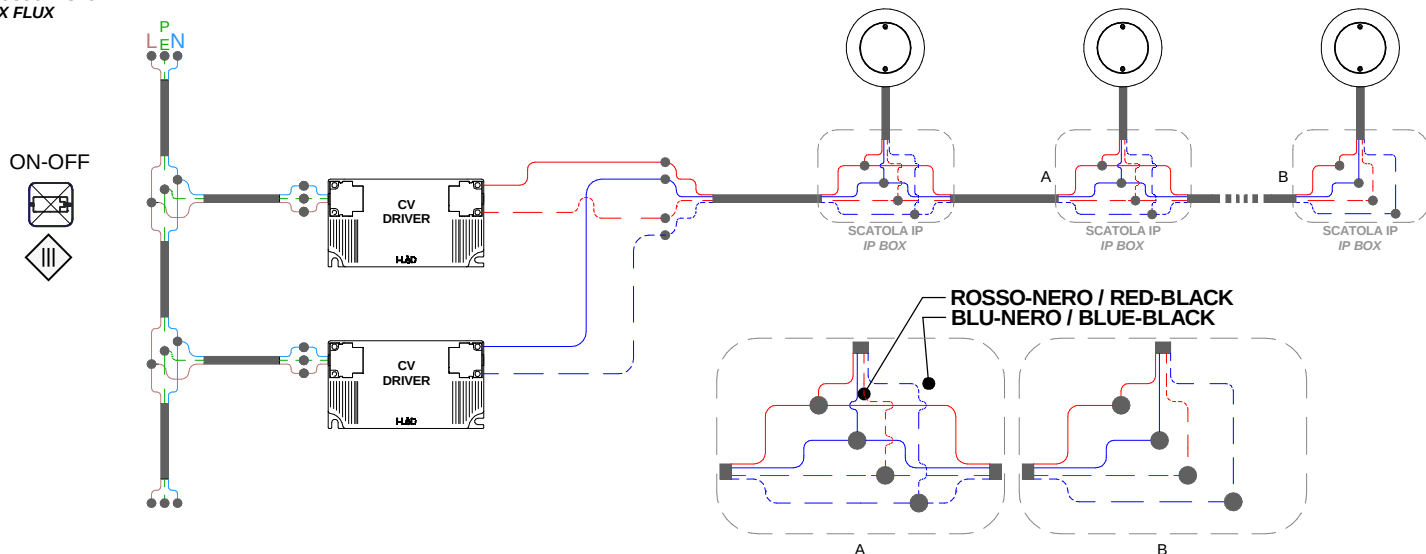


TEMPLATE: MK68\_RF | MK68\_R

BRAND: i-LèD

CABLAGGIO IN PARALLELO | TENSIONE COSTANTE  
PARALLEL WIRING | CONSTANT VOLTAGE  
FLUSSO MISTO  
MIX FLUX

CV



COMBINAZIONE COLORI CONDUTTORI

CABLE COLOR CODING

+

BLU / BLUE = POSITIVO + / POSITIVE + | FLUSSO 1 / FLUX 1

ROSSO / RED = POSITIVO + / POSITIVE + | FLUSSO 2 / FLUX 2

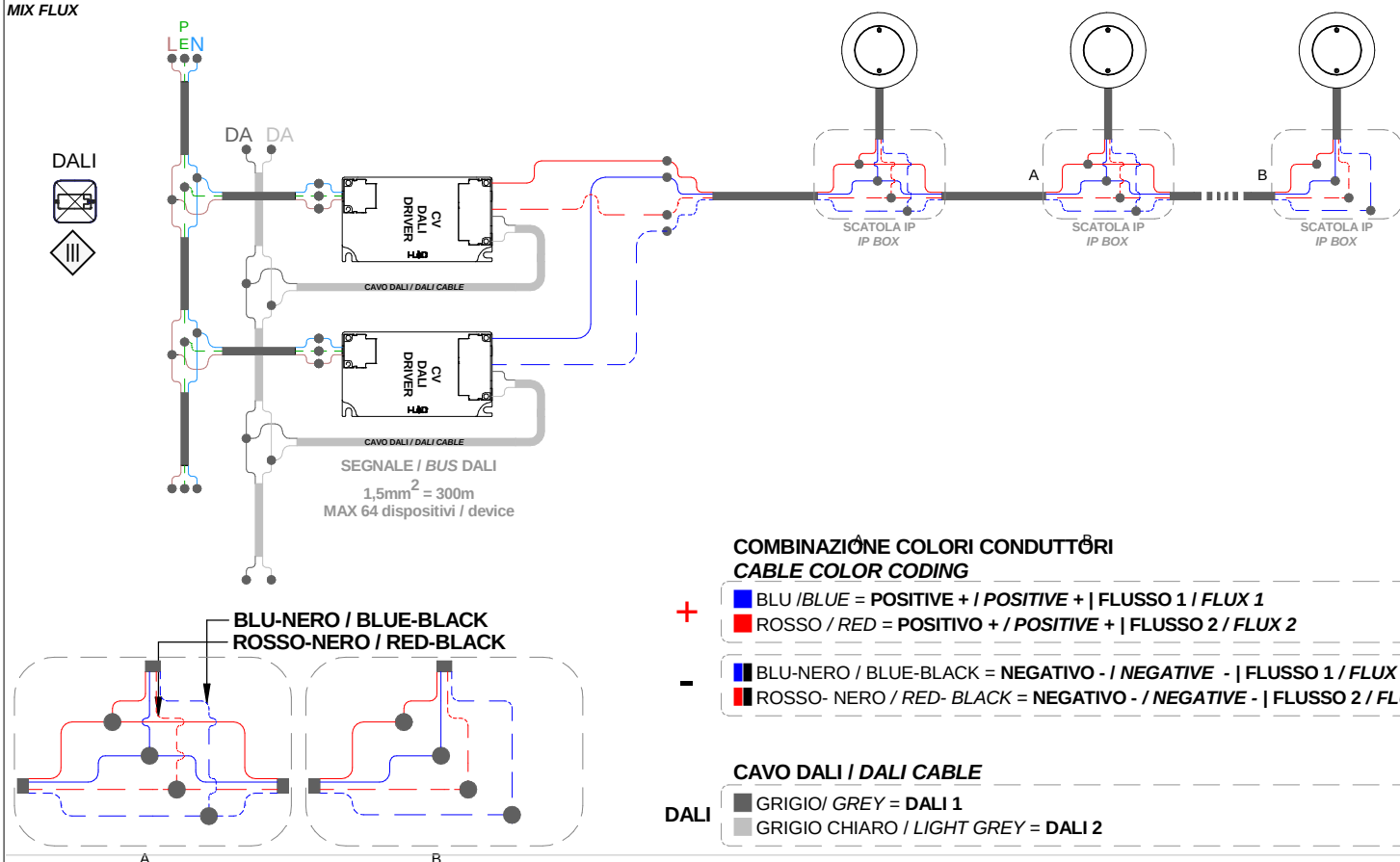
-

BLU-NERO / BLUE-BLACK = NEGATIVO - / NEGATIVE - | FLUSSO 1 / FLUX 1

ROSSO- NERO / RED- BLACK = NEGATIVO - / NEGATIVE - | FLUSSO 2 / FLUX 2

CABLAGGIO IN PARALLELO | TENSIONE COSTANTE  
PARALLEL WIRING | CONSTANT VOLTAGE  
FLUSSO MISTO  
MIX FLUX

CV



COMBINAZIONE COLORI CONDUTTORI

CABLE COLOR CODING

+

BLU / BLUE = POSITIVO + / POSITIVE + | FLUSSO 1 / FLUX 1

ROSSO / RED = POSITIVO + / POSITIVE + | FLUSSO 2 / FLUX 2

-

BLU-NERO / BLUE-BLACK = NEGATIVO - / NEGATIVE - | FLUSSO 1 / FLUX 1

ROSSO- NERO / RED- BLACK = NEGATIVO - / NEGATIVE - | FLUSSO 2 / FLUX 2

CAVO DALI / DALI CABLE

DALI

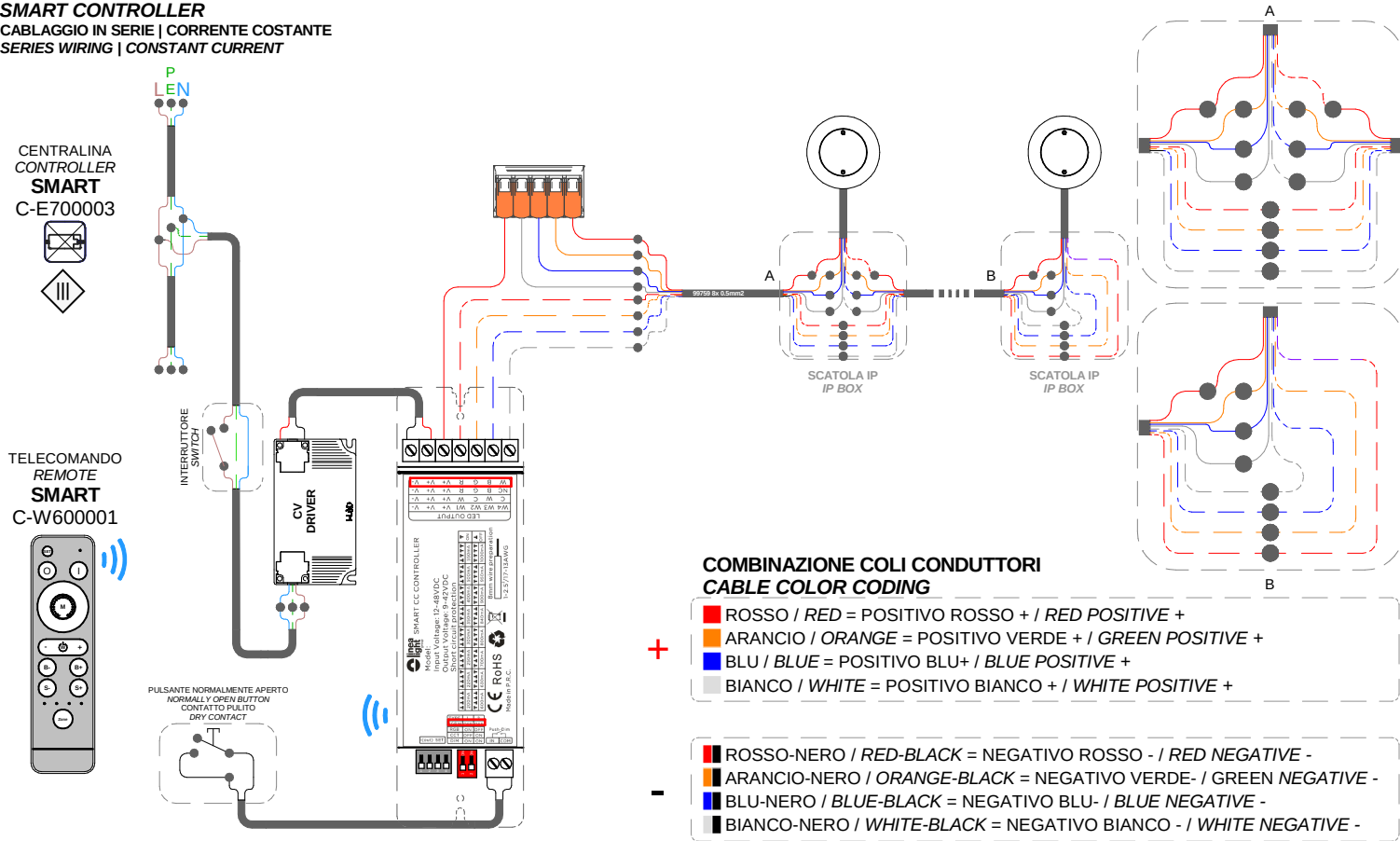
GRIGIO / GREY = DALI 1

GRIGIO CHIARO / LIGHT GREY = DALI 2

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RGBW  
CENTRALINA SMART  
SMART CONTROLLER  
CABLAGGIO IN SERIE | CORRENTE COSTANTE  
SERIES WIRING | CONSTANT CURRENT



TEMPLATE: MK68\_RF | MK68\_R

BRAND: i-LèD

RGBW  
CENTRALINA DALI 2 DT8  
DALI 2 DT8  
CONTROLLER

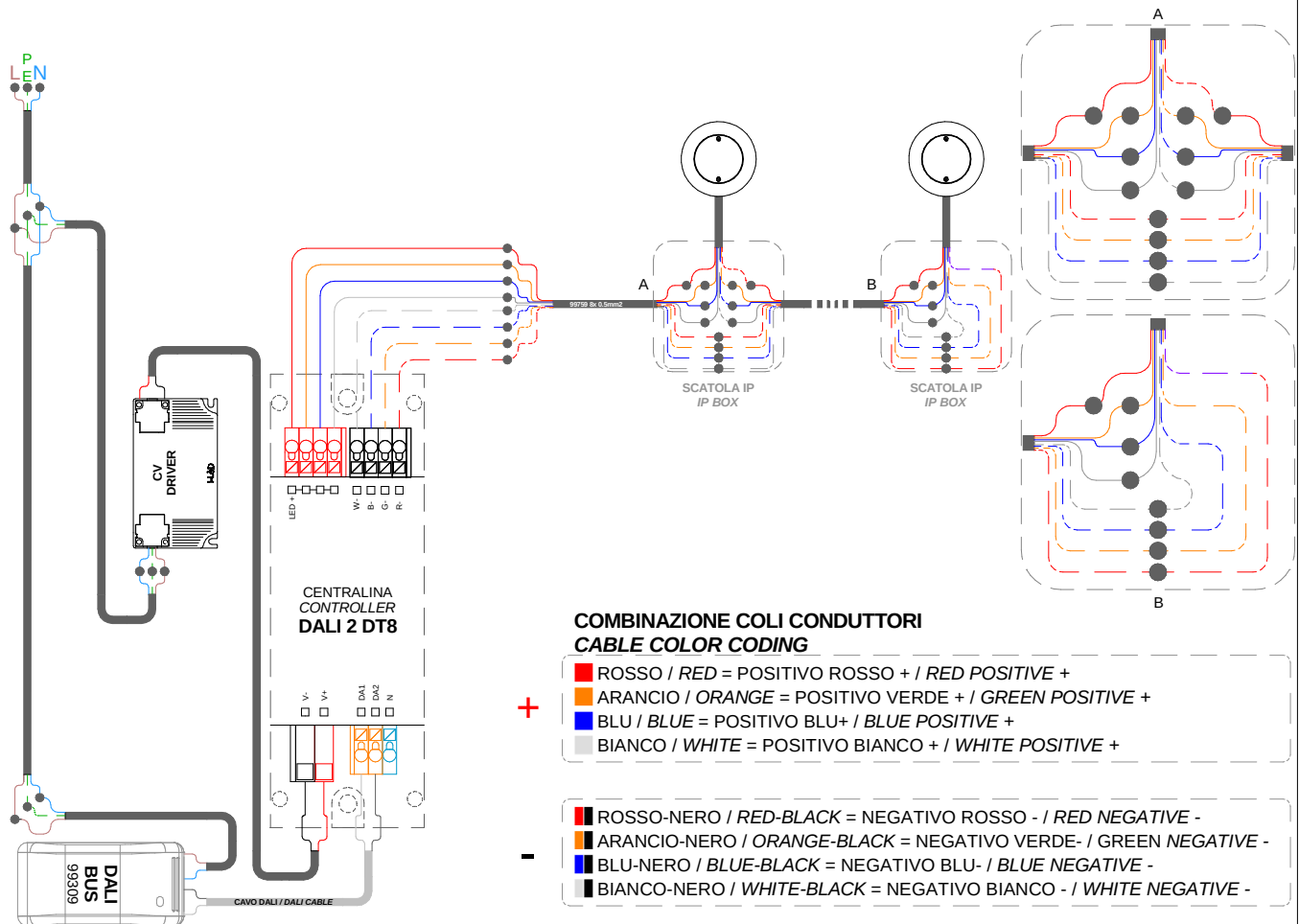


CABLAGGIO IN  
SERIE | CORRENTE  
COSTANTE  
SERIES WIRING |  
CONSTANT  
CURRENT

CENTRALINA  
CONTROLLER  
DALI 2 DT8



SEGNALE  
BUS  
DALI  
1,5mm<sup>2</sup> = 300m  
MAX 64  
dispositivi / devices



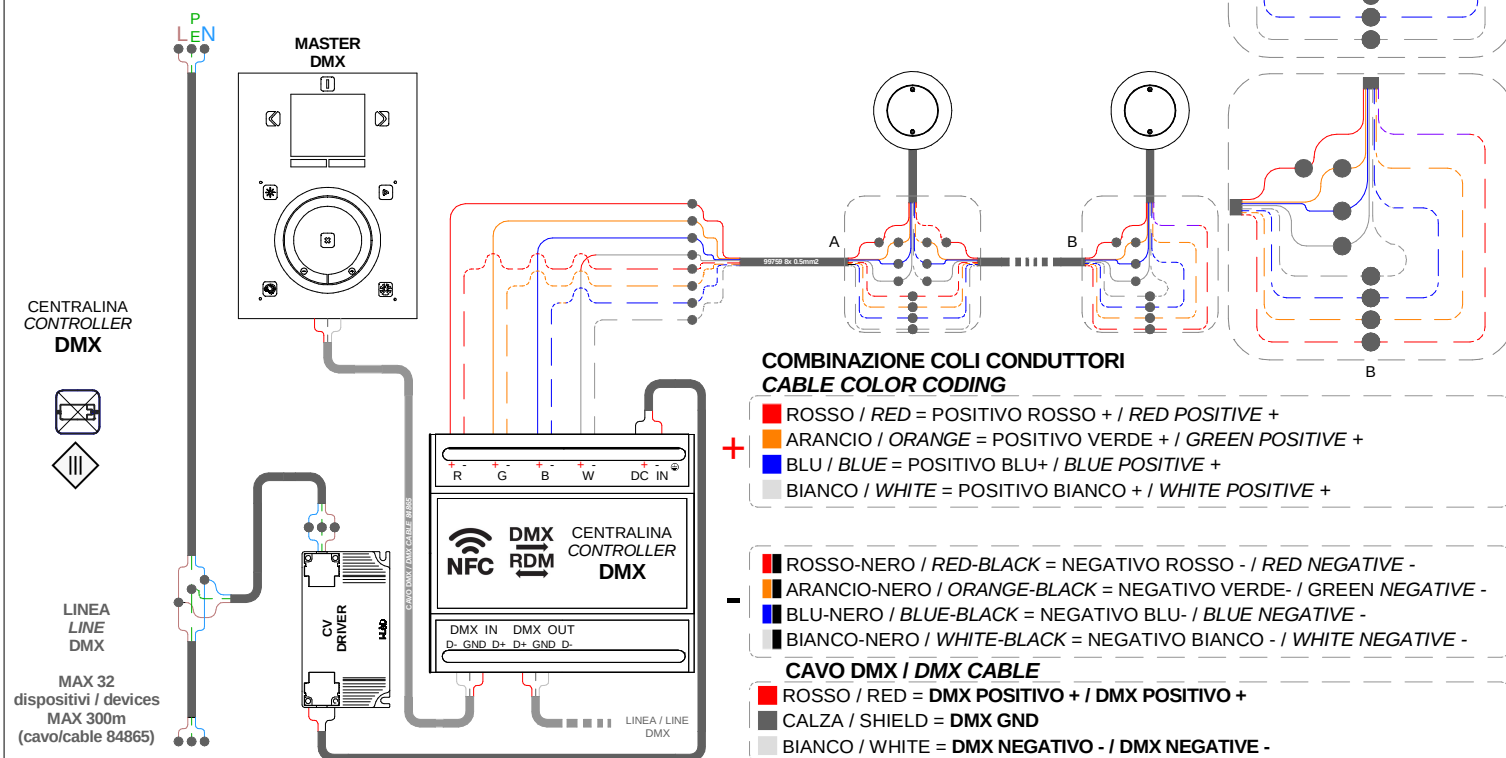
TEMPLATE: MK68\_RF | MK68\_R

BRAND: i-LèD

RGBW

CENTRALINA DMX  
DMX CONTROLLER

CABLAGGIO IN SERIE | CORRENTE COSTANTE  
SERIES WIRING | CONSTANT CURRENT



TEMPLATE: MK68\_RF | MK68\_R

BRAND: i-LED

SI PREGA SEGUIRE LE BUONE PRATICHE DI DIMENSIONAMENTO E SEZIONAMENTO DELL'IMPIANTO ELETTRICO, TENENDO PRESENTE:

- LE CARATTERISTICHE DELL' INTERRUOTTORE DIFFERENZIALE
- IL NUMERO DI ARTICOLI COLLEGATI ALLA LINEA ELETTRICA

QUESTO PER AGEVOLARE L'IDENFICAZIONE DI EVENTUALI ANOMALIE SULLA LINEA ELETTRICA

PLEASE FOLLOW THE BEST PRACTICES IN ELECTRICAL SYSTEM DESIGN, PAING ATTENTION TO:

- THE RCCB SWITCH CHARACTERISTICS
- THE NUMBER OF FITTINGS CONNECTED TO THE ELETRICAL LINE

THIS HELPS TO INDETIFY POSSIBLE ANOMALIES ON THE ELETRICAL LINE

## MAX N° IN SERIE / IN SERIES

|     |       | MAX N IN SER/ W SERIES |      |           |      |           |      |       |      |           |      |           |      |           |      |           |      |   |
|-----|-------|------------------------|------|-----------|------|-----------|------|-------|------|-----------|------|-----------|------|-----------|------|-----------|------|---|
|     |       | C-E500014              |      | C-E500012 |      | C-E500003 |      | 83187 |      | C-E500004 |      | C-E500005 |      | C-E500006 |      | C-E700003 |      |   |
|     |       | 12 V                   | 24 V | 12 V      | 24 V | 12 V      | 24 V | 12 V  | 24 V | 12 V      | 24 V | 12 V      | 24 V | 12 V      | 24 V | 12 V      | 24 V |   |
| 4W  | 350mA | 84032                  | 3    | 6         | -    | -         | -    | -     | 3    | 6         | 3    | 6         | -    | -         | -    | -         | 3    | 6 |
| 4W  | 350mA | C00323                 | 3    | 6         | -    | -         | -    | -     | 3    | 6         | 3    | 6         | -    | -         | -    | -         | 3    | 6 |
| 4W  | 350mA | C00330                 | 3    | 6         | -    | -         | -    | -     | 3    | 6         | 3    | 6         | -    | -         | -    | -         | 3    | 6 |
| 13W | 350mA | 84034                  | 1    | 2         | -    | -         | -    | -     | 1    | 2         | 1    | 2         | -    | -         | -    | -         | 1    | 2 |
| 18W | 500mA | 84039                  | -    | -         | 1    | 2         | -    | -     | 1    | 2         | -    | -         | 1    | 2         | -    | -         | 1    | 2 |
| 25W | 700mA | 84040                  | -    | -         | -    | -         | 1    | 2     | 1    | 2         | -    | -         | -    | -         | 1    | 2         | 1    | 2 |
| 13W | 350mA | 84036                  | 1    | 2         | -    | -         | -    | -     | 1    | 2         | 1    | 2         | -    | -         | -    | -         | 1    | 2 |
| 18W | 500mA | 84043                  | -    | -         | 1    | 2         | -    | -     | 1    | 2         | -    | -         | 1    | 2         | -    | -         | 1    | 2 |
| 25W | 700mA | 84044                  | -    | -         | -    | -         | 1    | 2     | 1    | 2         | -    | -         | -    | -         | 1    | 2         | 1    | 2 |

CV

## TENSIONE COSTANTE

MAX. DISTANZA TRA DRIVER ED ULTIMO PRODOTTO | SEZIONE CAVO  
CONSTANT VOLTAGE

DRIVER TO LAST LIGHT FITTING MAX DISTANCE | WIRE SECTION

| SEZIONE<br>SECTION  | 0.5 mm <sup>2</sup> | 0.75 mm <sup>2</sup> | 1 mm <sup>2</sup> | 1.5 mm <sup>2</sup> | 2.5 mm <sup>2</sup> |
|---------------------|---------------------|----------------------|-------------------|---------------------|---------------------|
| LUNGHEZZA<br>LENGHT | 15 m                | 25 m                 | 30                | 50 m                | 80 m                |

\* Distanza massima dal driver all'ultimo articolo della linea a massimo carico.

Per lunghezze massime dei cavi effettive, fare riferimento a [support@linealight.com](mailto:support@linealight.com)

\* Maximum distance between LED driver and last device at full load.  
For effective maximum cable lengths, please refer to [support@linealight.com](mailto:support@linealight.com)

CC

## CORRENTE COSTANTE

MAX. LUNGHEZZA INTERO ANELLO CIRCUITO | SEZIONE CAVO  
CONSTANT CURRENT

LIGHT FITTING MAX LENGHT CIRCUIT LOOP | WIRE SECTION

| SEZIONE<br>SECTION  | 0.5 mm <sup>2</sup> | 0.75 mm <sup>2</sup> | 1 mm <sup>2</sup> | 1.5 mm <sup>2</sup> | 2.5 mm <sup>2</sup> |
|---------------------|---------------------|----------------------|-------------------|---------------------|---------------------|
| LUNGHEZZA<br>LENGHT | 20 m                | 30 m                 | 40 m              | 60 m                | 100 m               |

\* Distanza massima dal driver all'ultimo articolo della linea a massimo carico.

Per lunghezze massime dei cavi effettive, fare riferimento a [support@linealight.com](mailto:support@linealight.com)

\* Maximum distance between LED driver and last device at full load.  
For effective maximum cable lengths, please refer to [support@linealight.com](mailto:support@linealight.com)