



DGA[®] IL DNA DEL LED



Page 506

ALIMENTATORI
E ACCESSORI

DRIVERS AND
ACCESSORIES

2012

ALIMENTATOR.

DRIVERS AND



LE ACCESSORI

ACCESSORIES

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ALIMENTATORI DRIVERS

Per il corretto funzionamento di un apparecchio LED DGA è necessario abbinare il giusto alimentatore.

Nella tabella dei dati tecnici, presente in ogni pagina prodotto, è possibile leggere la potenza espressa in Watt (es: 1W, 2W, 6W...) e la relativa corrente di alimentazione (es: 350mA, 500mA, etc.). Alcune tipologie di prodotti sono disponibili con alimentazione remota 24Vdc, o con alimentazione integrata (collegamento diretto alla tensione di rete).

È possibile scegliere l'alimentatore più indicato a seconda delle sue caratteristiche tecniche:

- N° LED MAX COLLEGABILI
- DIMMERABILE
- DIMMERABILE DALI
- MARCHIATO UL
- PROTEZIONE IP65 O IP67

Tutti gli alimentatori a corrente costante (350mA, 500mA, 700mA...) sono raggruppati in pagine dedicate e suddivisi in base alla corrente. Su questa tipologia di alimentatori prevedere sempre un collegamento elettrico in serie.

For the correct functioning of a DGA light fixture it is fundamental to select the appropriate driver.

In the table reporting the technical data, visible in every product page, it is possible to identify the power in Watt (e.g. 1W, 2W, 6W, etc.) and the relevant current to be used to run that product (e.g. 350mA, 500mA, etc.). Some product families are available with remote power supply at 24Vdc, or with built-in driver (for a direct connection to the main voltage).

It is possible to choose the most appropriate driver according to its technical features:

- MAX. NUMBER OF LEDS TO CONNECT
- DIMMABLE
- DALI DIMMABLE
- UL LISTED
- WITH IP65 OR IP67 PROTECTION RATE

All our constant current drivers (350mA, 500mA, etc.) are grouped in dedicated pages, split according to the current. With this family of drivers, we remind you to arrange always a series connection.

ALIMENTATORI DIMMERABILI MULTIFUNZIONE MULTIFUNCTION DIMMABLE DRIVERS

FUNZIONAMENTO DELL'ALIMENTATORE DIMMERABILE MULTIFUNZIONE

L'alimentatore è un dimmer in grado di variare la luminosità dei LED collegati attraverso un segnale di controllo tipo 1÷10V, potenziometro o pulsante normalmente aperto. I collegamenti devono essere eseguiti come mostrato negli schemi dei manuali d'uso e manutenzione.

Funzionamento con 1÷10 V e 0-10 V

La luminosità dei led varia proporzionalmente al segnale inviato al morsetto. La luminosità è nulla con segnale minore di 1V.

Funzionamento con potenziometro

Ruotando il potenziometro si ha la variazione della luminosità dei LED in modo proporzionale o logaritmico a seconda del modello di potenziometro utilizzato. Si consiglia l'utilizzo di un potenziometro logaritmico.

Funzionamento con pulsante

Premendo il pulsante per un tempo inferiore a un secondo si ha l'accensione o lo spegnimento dei LED.

Premendo il pulsante per un tempo superiore a un secondo si ha la regolazione della luminosità dei LED secondo le seguenti modalità:

- Se la luminosità non è al massimo, premendo il tasto si avrà un incremento di questa fino al massimo o fino al livello corrispondente al momento in cui si rilascia il tasto.
- Un'ulteriore pressione del tasto inverte il verso di regolazione fino al valore minimo o fino al livello corrispondente al momento in cui si rilascia il tasto.
- Se la luminosità è al massimo premendo il tasto si avrà un decremento di questa fino al valore minimo o fino al livello corrispondente al momento in cui si rilascia il tasto.

OPERATION INSTRUCTIONS OF THE MULTIFUNCTION DIMMABLE DRIVER

The driver is a dimmer which can vary the light intensity of the connected LEDs by means of a type 1÷10V control signal, potentiometer or normally open push button. The connections must be carried out as shown in the diagrams of the instruction sheets.

1÷10 V and 0-10 V function

The light intensity of the LEDs vary proportionally to the signal sent to the terminal. Intensity is null with a signal less than 1V.

Potentiometer function

By rotating the potentiometer there is variation of the LED light intensity in a proportionate or logarithmic way depending on the model of the potentiometer used. The use of a logarithmic potentiometer is recommended.

Push button function

By pressing the push button for less than one second the LEDs turn on or off.

By pressing the push button for more than one second the light intensity of the LEDs is dimmed according to the following modalities:

- If the light intensity is not at maximum, by pressing the key there will be an increase of this to maximum or to the corresponding level at the moment the key is released.
- A further pressure on the key inverts the dimming direction to the minimum value or to the corresponding level at the moment the key is released.
- If light intensity is at maximum by pressing the key there will be a decrease to the minimum value or to the corresponding level at the moment the key is released.



ATTENZIONE:

Per un buon funzionamento degli alimentatori, è necessario prevedere un adeguato scambio termico in fase di installazione.

NON è possibile installare gli alimentatori in scatole di derivazione stagne in materiale plastico. Se strettamente necessario, meglio prevedere scatole di derivazione in materiale metallico.

Si consiglia di installare gli alimentatori in luoghi asciutti e ben areati.

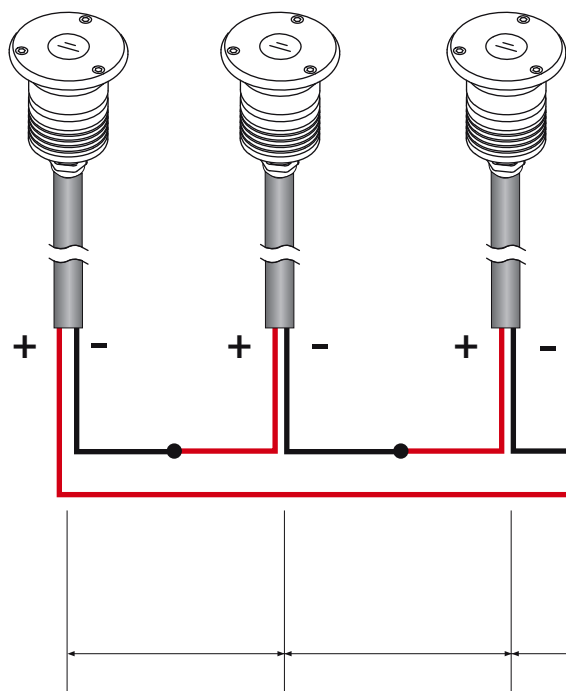


CAUTION:

For a good functioning of DGA drivers, it is necessary to foresee a good thermal exchange during the installation.

It is NOT possible to install drivers in plastic junction boxes. If necessary, please use metallic junction boxes.

We suggest to install drivers in dry and well ventilated environments.



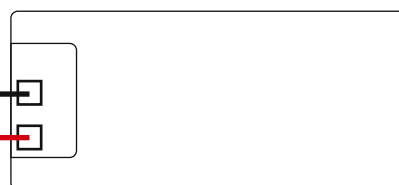
DISTANZA TRA ALIMENTATORE E APPARECCHI LED

La distanza massima (consentita) tra un alimentatore DGA ed una serie di apparecchi LED varia a seconda della sezione del cavo utilizzato. Rispettare in ogni caso lo schema e attenersi alle indicazioni riportate in tabella.

DISTANCE BETWEEN DRIVER AND LED FIXTURES

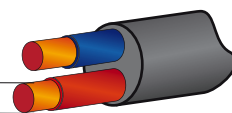
The maximum distance between a driver and a group of LED fixtures vary according to the cable section to use.

In any case, please check the diagram and stick to the instructions written in the table.



$$L1 + L2 + L3 = L \quad S \text{ (mm}^2\text{)}$$

0 - 10 mt	1 mm ²
10 - 30 mt	1.5 mm ²
30 - 50 mt	2.5 mm ²
50 - 80 mt	4 mm ²



CODIFICA ALIMENTATORI DRIVERS ENCODING

DGA, nella continua ricerca di miglioramenti tecnici, ha inserito un nuovo tipo di codifica per tutti i suoi alimentatori.

Di seguito la scomposizione di un codice (esempio) di un alimentatore:

DGA, in its continuous research of technical enhancements, has developed new types of codes for all its drivers.

Here below you will find an example of the breaking down of a new code:

CC17 - F - 350 - N

<p>CC uscita a corrente costante OUT constant current</p> <p>CV uscita a tensione costante OUT constant tension</p> <p>Potenza MAX uscita alimentatore MAX Power OUT</p>	<p>OUT 350 mA 500 mA 700 mA 900 mA 1400 mA 2100 mA 24 Vdc</p>	<p>P IP 65 - 67 N IP 20 - 40 U certificazione UL UL compliance S SLIM B Ingresso in bassa tensione low tension INPUT</p>
<p>F non dimmerabile non dimmable</p> <p>M dimmerabile 1-10 / pulsante / potenziometro (trimmer) dimmable by 1-10 / push / potentiometer</p> <p>D dimmerabile DALI DALI dimmable</p> <p>C regolabile con dimmer a taglio di fase IGBT e TRIAC regulating driver with phase cut-off dimmer IGBT and TRIAC</p> <p>H dimmerabile con pulsante push dimmable</p> <p>Y controllo RGB con pulsante push RGB control</p> <p>X controllo RGB (segnale DMX, pulsante, dip switch) DMX signal, push, dip switch RGB control</p> <p>R dimmerabile 1-10 / trimmer dimmable by 1-10 / trimmer</p>		

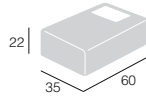


ALIMENTATORI 350mA LED DRIVERS

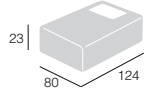
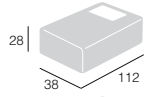
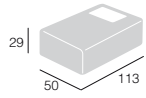
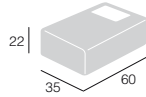
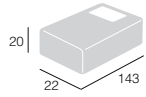
USE WITH
1W - 3W (3x1W) - 7W (7x1W)

NON DIMMERABILI NON-DIMMABLE

IP20



IP40

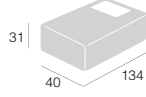
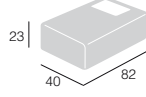
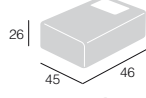
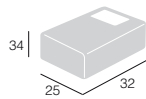


Code	nr. LED collegabili nr. of LEDs to connect	Vin
CC6-F-350-S	min. 1 - max 5 LED 1W	100-240 Vac
CC15-F-350-S	min. 1 - max 9 LED 1W min. 1 - max 12 LED 1W	100-120 Vac 220-240 Vac
CC6-F-350-N	min. 1 - max 5 LED 1W	100-240 Vac
CC10-F-350-U	min. 1 - max 10 LED 1W	110-250 Vac
CC17-F-350-N	min. 1 - max 12 LED 1W	110-240 Vac
CC50-F-350-N	min. 1 - max 23 LED 1W	110-240 Vac

DRIVERS IP67

IP67

With box
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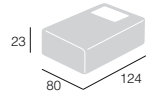
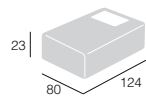
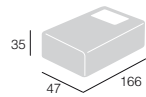
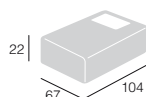


Code	nr. LED collegabili nr. of LEDs to connect	Vin
CC3-F-350-P	min. 1 - max 2 LED 1W	220-240 Vac
CC6-F-350-P	min. 1 - max 5 LED 1W	120-240 Vac
CC12-F-350-P	min. 1 - max 10 LED 1W	120-240 Vac
CC18-C-350-P	min. 2 - max 14 LED 1W	220-240 Vac

Dimmerabile con taglio di fine fase.
Trailing edge dimmable drivers

DIMMERABILI DIMMABLE

IP40

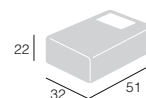


Vedi funzionamento dell'alimentatore dimmerabile multifunzione pag. 508
See operation instructions of the multifunction dimmable driver page 508

Code	nr. LED collegabili nr. of LEDs to connect	Vin
CC25-M-350-N MULTIFUNZIONE	min. 1 - max 16 LED 1W	110-240 Vac
CC32-C-350-N	min. 1 - max 15 LED 1W	198-264 Vac
CC50-M-350-N MULTIFUNZIONE	min. 1 - max 23 LED 1W	110-240 Vac
CC50-D-350-N DALI	min. 1 - max 23 LED 1W	110-240 Vac

PER BATTERIA FOR BATTERY

IP20



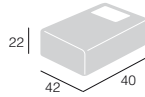
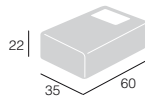
Code	nr. LED collegabili nr. of LEDs to connect	Vin
CC10-F-350-NB	min. 1 - max 3 LED 1W min. 1 - max 6 LED 1W	12 Vdc / Vac ≥ 24 Vdc / Vac

ALIMENTATORI 500mA LED DRIVERS

USE WITH
2W - 4W (2x2W) - 6W (3x2W) - 4W - 10W

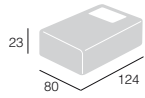
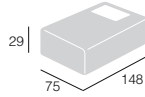
NON DIMMERABILI NON-DIMMABLE

IP20



Code	nr. LED collegabili nr. of LEDs to connect	Vin
CC6-F-500-S	min. 1 - max 3 LED 2W min. 1 - max 1 LED 4W	100-240 Vac
CC6-F-500-N	min. 1 - max 3 LED 2W min. 1 - max 1 LED 4W	100-240 Vac
CC20-F-500-N	min. 1 - max 7 LED 2W min. 1 - max 2 LED 4W min. 1 - max 1 LED 10W	110-127 Vac
	min. 1 - max 10 LED 2W min. 1 - max 4 LED 4W min. 1 - max 2 LED 10W	220-240 Vac
CC50-F-500-N	min. 1 - max 22 LED 2W min. 1 - max 7 LED 4W min. 1 - max 4 LED 10W	110-240 Vac

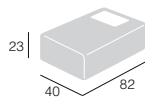
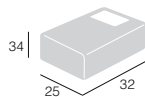
IP40



DRIVERS IP67

IP67

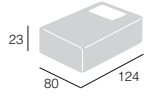
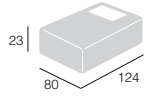
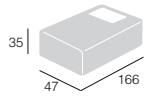
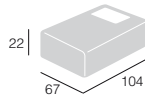
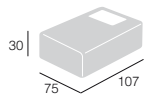
With box
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Code	nr. LED collegabili nr. of LEDs to connect	Vin
CC6-F-500-P	min. 1 - max 2 LED 2W	120-240 Vac
CC12-F-500-P	min. 1 - max 7 LED 2W min. 1 - max 1 LED 4W	120-240 Vac

DIMMERABILI DIMMABLE

IP40

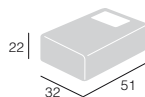


Vedi funzionamento dell'alimentatore dimmerabile multifunzione pag. 508
See operation instructions of the multifunction dimmable driver page 508

Code	nr. LED collegabili nr. of LEDs to connect	Vin
CC35-R-500-U MULTIFUNZIONE	min. 1 - max 16 LED 2W min. 1 - max 5 LED 4W min. 1 - max 2 LED 10W	110-277 Vac
CC25-M-500-N MULTIFUNZIONE	min. 1 - max 14 LED 2W min. 1 - max 4 LED 4W min. 1 - max 2 LED 10W	110-120 Vac
	min. 1 - max 14 LED 2W min. 1 - max 5 LED 4W min. 1 - max 3 LED 10W	220-240 Vac
CC32-C-500-N	min. 1 - max 12 LED 2W min. 1 - max 5 LED 4W min. 1 - max 2 LED 10W	198-264 Vac
CC50-M-500-N MULTIFUNZIONE	min. 1 - max 22 LED 2W min. 1 - max 7 LED 4W min. 1 - max 4 LED 10W	110-240 Vac
CC50-D-500-N DALI	min. 1 - max 22 LED 2W min. 1 - max 7 LED 4W min. 1 - max 4 LED 10W	110-240 Vac

PER BATTERIA FOR BATTERY

IP20



Code	nr. LED collegabili nr. of LEDs to connect	Vin
CC15-F-500-NB	min. 1 - max 3 LED 2W min. 1 - max 1 LED 4W	12 Vdc
	min. 1 - max 6 LED 2W min. 1 - max 2 LED 4W	≥ 24 Vdc
	min. 1 - max 2 LED 2W	12 Vac
	min. 1 - max 6 LED 2W min. 1 - max 1 LED 4W	≥ 24 Vac

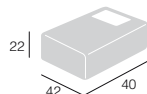


ALIMENTATORI 700mA LED DRIVERS

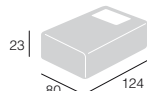
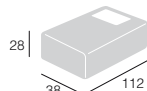
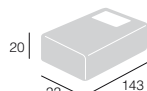
USE WITH
6W - 14W - 25W

NON DIMMERABILI NON-DIMMABLE

IP20



IP40

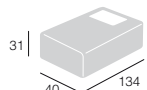
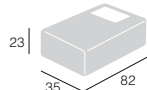
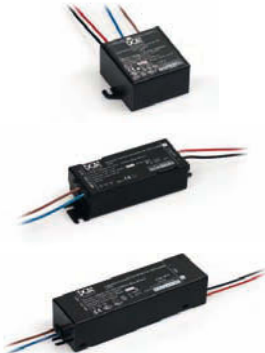


Code	nr. LED collegabili nr. of LEDs to connect	Vin
CC12-F-700-N	min. 1 - max 1 LED 6W	110-240 Vac
CC11-F-700-S	min. 1 - max 1 LED 6W	100-240 Vac
CC17-F-700-N	min. 1 - max 2 LED 6W min. 1 - max 1 LED 14W	220-240 Vac
CC50-F-700-N	min. 1 - max 7 LED 6W min. 1 - max 3 LED 14W min. 1 - max 1 LED 25W	110-120 Vac
	min. 1 - max 7 LED 6W min. 1 - max 3 LED 14W min. 1 - max 2 LED 25W	220-240 Vac

DRIVERS IP67

IP67

With box
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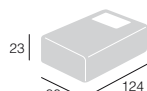
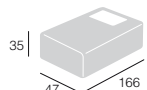
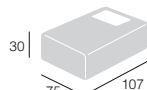


Code	nr. LED collegabili nr. of LEDs to connect	Vin
CC6-F-700-P	min. 1 - max 1 LED 6W	120-240 Vac
CC18-F-700-P	min. 1 - max 2 LED 6W min. 1 - max 1 LED 14W	220-240 Vac
CC36-C-700-P	min. 1 - max 5 LED 6W min. 1 - max 2 LED 14W min. 1 - max 1 LED 25W	220-240 Vac

Dimmerabile con taglio di fine fase.
Trailing edge dimmable drivers

DIMMERABILI DIMMABLE

IP40



Vedi funzionamento dell'alimentatore dimmerabile multifunzione pag. 508
See operation instructions of the multifunction dimmable driver page 508

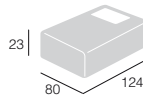
Code	nr. LED collegabili nr. of LEDs to connect	Vin
CC35-R-700-U MULTIFUNZIONE	min. 1 - max 5 LED 6W min. 1 - max 2 LED 14W min. 1 - max 1 LED 25W	110-277 Vac
CC25-M-700-N MULTIFUNZIONE	min. 1 - max 2 LED 6W min. 1 - max 1 LED 14W	110-120 Vac
	min. 1 - max 4 LED 6W min. 1 - max 2 LED 14W min. 1 - max 1 LED 25W	220-240 Vac
CC32-C-700-N	min. 1 - max 5 LED 6W min. 1 - max 2 LED 14W min. 1 - max 1 LED 25W	198-264 Vac
CC50-M-700-N MULTIFUNZIONE	min. 1 - max 7 LED 6W min. 1 - max 3 LED 14W min. 1 - max 1 LED 25W	110-120 Vac
	min. 1 - max 7 LED 6W min. 1 - max 3 LED 14W min. 1 - max 2 LED 25W	220-240 Vac
CC50-D-700-N DALI	min. 1 - max 7 LED 6W min. 1 - max 3 LED 14W min. 1 - max 1 LED 25W	110-120 Vac
	min. 1 - max 7 LED 6W min. 1 - max 3 LED 14W min. 1 - max 2 LED 25W	220-240 Vac

ALIMENTATORI 900mA LED DRIVERS

USE WITH
40W

NON DIMMERABILI NON-DIMMABLE

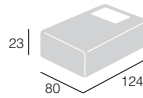
IP40



Code	nr. LED collegabili nr. of LEDs to connect	Vin
CC50-F-900-N	min. 1 - max 1 LED 40W	110-240 Vac

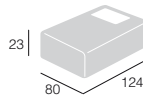
DIMMERABILI DIMMABLE

IP40



Vedi funzionamento dell'alimentatore dimmerabile multifunzione pag. 508
See operation instruction of the multifunction dimmable driver page 508

Code	nr. LED collegabili nr. of LEDs to connect	Vin
CC50-M-900-N MULTIFUNZIONE	min. 1 - max 1 LED 40W	110-240 Vac



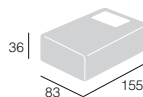
CC50-D-900-N DALI	min. 1 - max 1 LED 40W	110-240 Vac
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ALIMENTATORI 1400mA LED DRIVERS

USE WITH
29W - 46W

NON DIMMERABILI NON-DIMMABLE

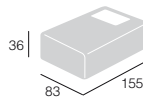
IP40



Code	nr. LED collegabili nr. of LEDs to connect	Vin
CC55-F-1400-N	min. 1 - max 1 LED 29W min. 1 - max 1 LED 46W	110-240 Vac

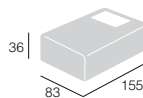
DIMMERABILI DIMMABLE

IP40



Vedi funzionamento dell'alimentatore dimmerabile multifunzione pag. 508
See operation instructions of the multifunction dimmable driver page 508

Code	nr. LED collegabili nr. of LEDs to connect	Vin
CC55-M-1400-N MULTIFUNZIONE	min. 1 - max 1 LED 29W min. 1 - max 1 LED 46W	110-240 Vac



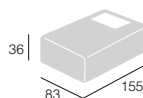
CC55-D-1400-N DALI	min. 1 - max 1 LED 29W min. 1 - max 1 LED 46W	110-240 Vac
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ALIMENTATORI 2100mA LED DRIVERS

USE WITH
50W

NON DIMMERABILI NON-DIMMABLE

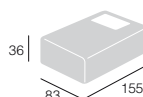
IP40



Code	nr. LED collegabili nr. of LEDs to connect	Vin
CC55-F-2100-N	min. 1 - max 1 LED 50W	110-240 Vac

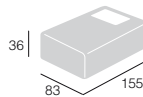
DIMMERABILI DIMMABLE

IP40



Vedi funzionamento dell'alimentatore dimmerabile multifunzione pag. 508
See operation instructions of the multifunction dimmable driver page 508

Code	nr. LED collegabili nr. of LEDs to connect	Vin
CC55-M-2100-N MULTIFUNZIONE	min. 1 - max 1 LED 50W	110-240 Vac



CC55-D-2100-N DALI	min. 1 - max 1 LED 50W	110-240 Vac
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ALIMENTATORI 24V LED DRIVERS

DGA offre la possibilità di poter effettuare collegamenti elettrici in PARALLELO.

Il collegamento elettrico in parallelo semplifica moltissimo l'impianto elettrico (rispetto alla serie) e permette di collegare un grosso numero di apparecchi LED ad un solo Alimentatore 24Vdc.

È possibile scegliere l'alimentatore più adatto a seconda delle sue caratteristiche tecniche:

- POTENZA MASSIMA (WATT) LED COLLEGABILI
- DIMMERABILE
- GRADO DI PROTEZIONE IP67

Per i collegamenti in parallelo rispettare lo schema riportato in figura.

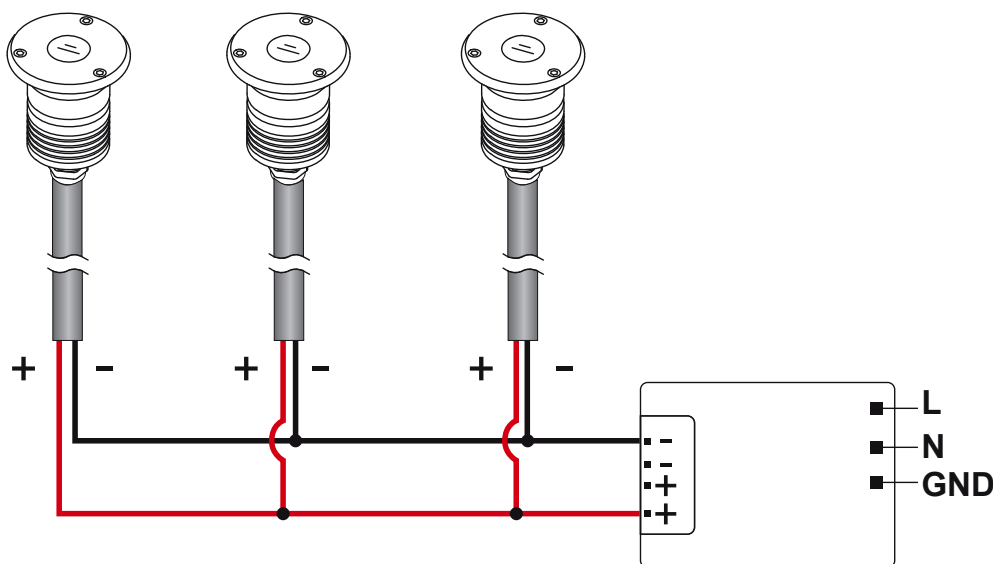
Some DGA fixtures have the possibility to be connected in PARALLEL.

The parallel connection simplify a lot the electric wiring (if compared to the series connection) and it makes possible the connection of a higher amount of LED fixtures to each single 24Vdc driver.

It is possible to choose the most appropriate driver, according to its technical features:

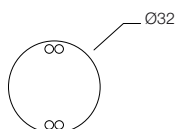
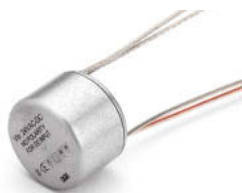
- MAX POWER (IN WATT) OF LEDS TO CONNECT
- DIMMABLE
- WITH IP67 PROTECTION RATE

For parallel connections, please stick to the diagram of the picture.



514

CONVERTITORI 24V LED CONVERTERS



IP40

Code	OUT	per LED use with	nr. LED collegabili n. of LEDs connect	Vin
CC9-F-350-NB	350mA	1W	min. 1 - max 6	24 Vdc
CC14-F-500-NB	500mA	2W 4W	min. 1 - max 4 min. 1 - max 2	24 Vdc
CC14-F-700-NB	700mA	6W 14W	min. 1 - max 2 min. 1 - max 1	24 Vdc 24 Vdc

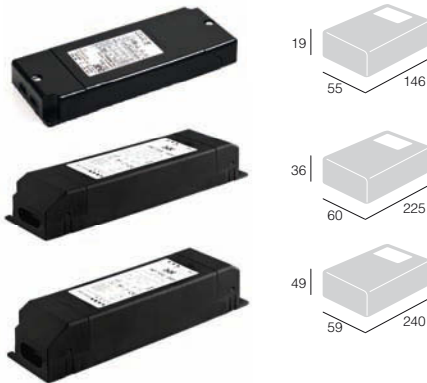
IP65

Code	OUT	per LED use with	nr. LED collegabili n. of LEDs connect	Vin
CC9-F-350-PB	350mA	1W	min. 1 - max 6	24 Vdc
CC14-F-500-PB	500mA	2W 4W	min. 1 - max 4 min. 1 - max 2	24 Vdc
CC14-F-700-PB	700mA	6W 14W	min. 1 - max 2 min. 1 - max 1	24 Vdc 24 Vdc

I convertitori elettronici sono dimmerabili se pilotati da alimentatori 24 V dimmerabili.
Electronic converters can be dimmable only if powered by 24 V dimmable drivers.

NON DIMMERABILI NON-DIMMABLE

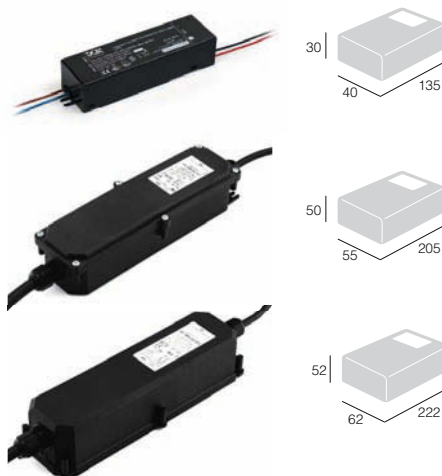
IP20



Code	potenza MAX LED collegabili max power to be connected	Vin
CV20-F-24-N	15W	110-120 Vac
	25W	220-240 Vac
CV45-F-24-N	45W	220-240 Vac
CV100-F-24-N	100W	220-240 Vac

DRIVERS IP67

IP67



Code	potenza MAX LED collegabili max power to be connected	Vin
CV25-F-24-P	22W	110-240 Vac
CV45-F-24-P	45W	220-240 Vac
CV100-F-24-P	100W	220-240 Vac

DIMMERABILI DIMMABLE

IP40



Vedi funzionamento dell'alimentatore dimmerabile multifunzione pag. 508
See operation instructions of the multifunction dimmable driver page 508

Code	potenza MAX LED collegabili max power to be connected	Vin
CV32-H-24-N	32W	190-260 Vac

IP67



Code	potenza MAX LED collegabili max power to be connected	Vin
CV110-R-24-P	110W	100-240 Vac
CV140-R-24-P	150W	100-240 Vac



ALIMENTATORI RGB LED DRIVERS

Il dispositivo CC36-X-350-N è studiato per il pilotaggio, l'alimentazione e il controllo di apparecchi di illuminazione a LED con tecnologia RGB ED RGGB (non idoneo per linea IRIDE). Esso utilizza la tecnica PWM (Pulse Width Modulation) per controllare l'intensità dei 3 colori primari (Rosso, Verde, Blu). Il driver è dotato di uscite per pilotare apparecchi a LED controllati in corrente. Il collegamento viene effettuato con 6 fili (+R-R,+G-G,+B-B).

Per l'esecuzione di sequenze di cambi di colore dinamici, il dispositivo consente le seguenti modalità di funzionamento:

- La modalità "stand-alone", che con la funzione "Easy-Run-Menu" consente di scegliere una sequenza (show) fra quelle già residenti nella memoria del dispositivo e di riprodurla con una velocità selezionabile a piacere. E' possibile collegare il dispositivo ad un pulsante remoto per attivare manualmente l'esecuzione della sequenza selezionata.

- E' possibile sincronizzare altre unità senza alcuna connessione di controllo fra i vari dispositivi. In tal caso la sincronizzazione è affidata ai quarzi interni, ed è necessario che tutti gli apparecchi siano collegati ad un'unica linea di alimentazione e che vengano selezionati lo stesso show e la stessa velocità di esecuzione su ogni dispositivo. Grazie all'interfaccia compatibile con il protocollo USITT DMX 512(1990) è possibile:

- a) asservire il funzionamento del dispositivo ad un'unità di controllo o ad un recorder esterno DMX, facendo eseguire qualsiasi programma.
- b) Inserire il prodotto in una configurazione DMX con connessioni a catena (daisy-chain), collegando altri dispositivi DMX attraverso i connettori in/out.

The CC36-X-350-N device has been designed for piloting, powering and controlling of LED lighting equipment with RGB and RGGB technology (not appropriate for IRIDE line).

It uses a PWM (Pulse Width Modulation) technology to control the intensity of the three primary colours (Red, Green, Blue).

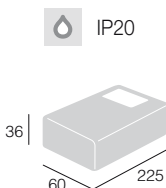
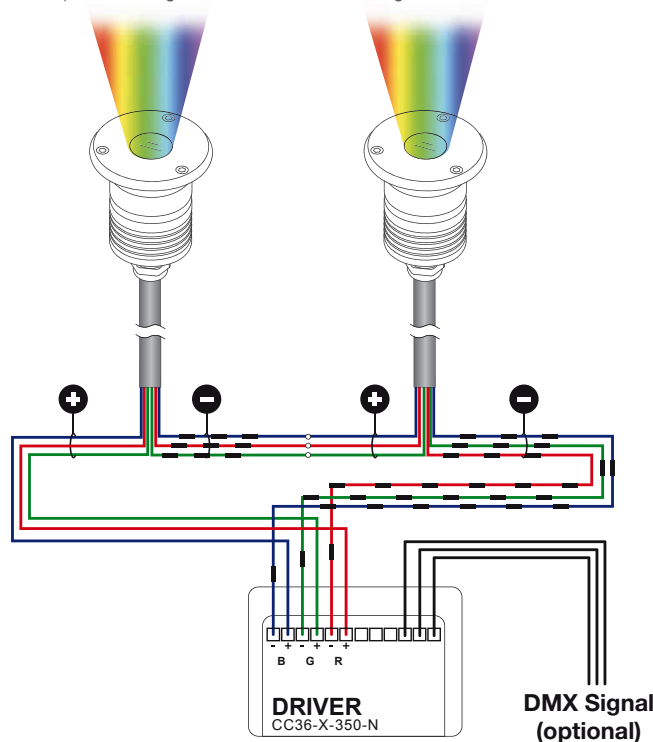
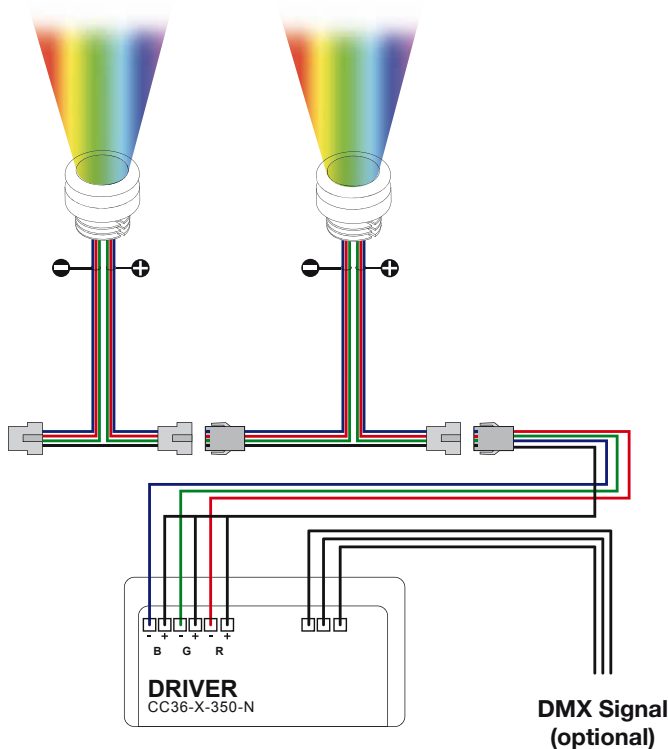
The driver is equipped with outputs for piloting LED fixtures controlled by current. The connection is carried out with 6 wires (+R-R,+G-G,+B-B). To carry out colour dynamic change sequences, the device has the following function modes:

- The "stand-alone" mode, which thanks to the "Easy-Run-Menu" function, allows a sequence (show) to be chosen from those already stored in the memory of the device and to reproduce it with a desired selectable speed. The device can be connected to a remote push button to manually activate the execution of the selected sequence.

- It is possible to synchronize other units without any control connection between the various devices. In this case the synchronization is entrusted to the internal quartzes, and all the devices have to be connected to a single power supply and the same show and the same running speed have to be selected on each device. Thanks to the interface which is compatible with the USITT DMX 512(1990) protocol it is possible:

- a) to interlock the function of the device to a control unit or an external DMX recorder, executing any program.
- b) insert the product in a DMX configuration with chain connections (daisy-chain), connecting other DMX devices through the in/out connectors.

516



IP20

Code	nr. LED RGB e RGGB collegabili nr. of RGB and RGGB LEDs to connect	Vin
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CC36-X-350-N	min. 1 - max 10	220-240 Vac
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Possibilità di pilotaggio e gestione RGB con centralina e/o interfaccia DMX 512.
Possibility of driving and controlling RGB with DMX 512 controller and/or interface.

L'alimentatore CC30-Y-350-N permette il funzionamento e l'accensione degli apparecchi DGA RGB e RGGB (non idoneo per linea IRIDE). L'alimentatore ha delle funzioni integrate, e la variazione dei colori della luce emessa dai faretti è gestibile tramite un pulsante (non incluso).

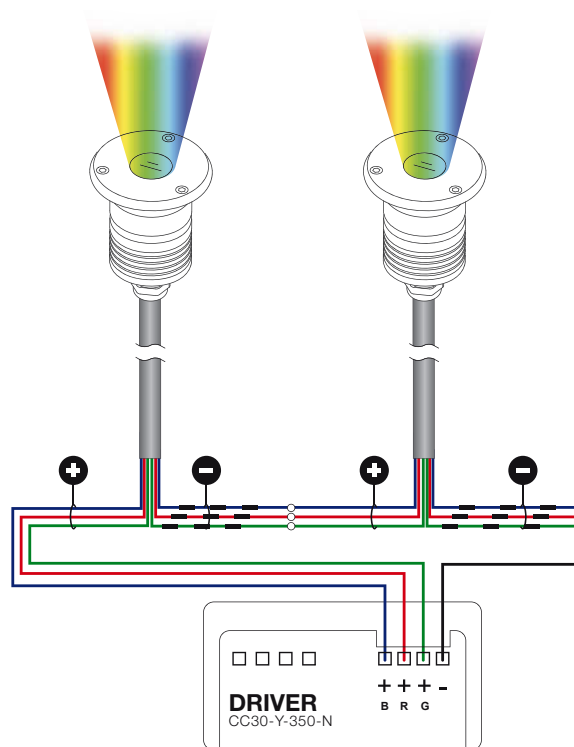
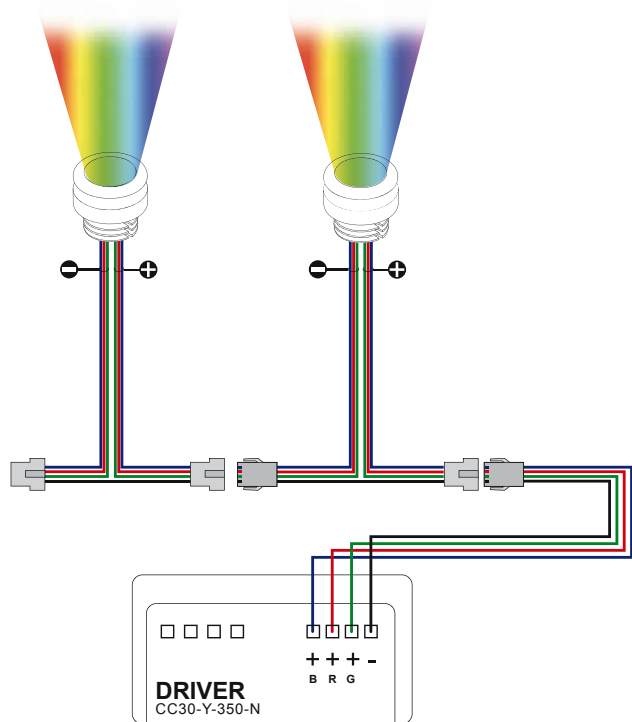
FUNZIONAMENTO DEL PULSANTE:

Comandi della luce: Pressione breve = accende/spigne - Pressione continua = cambiano i colori, sempre uguali ma sempre diversi. Effetto memoria (senza scollegare l'alimentazione sul Primario): l'apparecchio all'accensione visualizza l'ultimo colore impostato. Una doppia pressione in rapida successione porta tutti i colori al massimo (bianco). Dopo una pressione continua (>20 sec) i colori continuano a cambiare anche rilasciando il tasto. Una pressione breve blocca il ciclo.

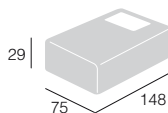
Our CC30-Y-350-N driver permits to turn on the RGB and RGGB fixtures (not appropriate for IRIDE line). The driver is provided with an on-board electronics, which permits the colours changing through a push button (not included).

FUNCTIONING OF THE PUSH BUTTON:

Light controls: Short touch= switch on/switch off - Prolonged touch= the light colour changing starts. Memory function (without disconnecting the main voltage): switching on the system, the light colour is the last previously selected. Make a short double touch to have all colours at 100% in order to obtain a white colour. After a prolonged touch (over 20 sec.), colours go on changing automatically - By a short touch, the colour cycle is interrupted.



IP40



Code	nr. LED RGB e RGGB collegabili nr. of RGB and RGGB LEDs to connect	Vin
CC30-Y-350-N	min. 1 - max 9	190-260 Vac



Code	Description
IR KIT	Telecomando + ricevitore infrarossi per pilotaggio CC30-Y-350-N Portata telecomando 6-10 mt Remote control + IR receiver for CC30-Y-350-N driver Working range 6-10 mt Ø 42 mm



CENTRALINE DMX CONTROLLERS

CENTRALINA DMX PER PC

Indicata per applicazioni dove semplicità e affidabilità sono i due requisiti più importanti.

La centralina viene fornita già settata con alcuni effetti RGB e può essere programmata con il software a corredo.

La PC DMX è la scelta perfetta per piccole applicazioni con meno di 128 canali DMX. È provvista di una memoria indipendente con un massimo di 30 programmazioni (128 canali) e di 8 porte per l'ingresso di contatti a secco.

La sua semplicità lo rende un prodotto molto affidabile.



DMX CONTROLLER FOR PC

Suitable for applications where simplicity and reliability are very important. The controller comes pre loaded with RGB effects and can be programmed by the software provided with the controller.

The PC DMX is the perfect product for small applications with less than 128 DMX channels. It offers a standalone memory with a maximum of 30 steps (128 channels) as well as 8 ports for dry contacts triggering.

Because of its simplicity this interface is extremely reliable.

Code	Description
PC DMX	Centralina DMX per PC DMX controller for PC

CENTRALINA DMX TOUCH SENSITIVE

Illuminare in punta di dita

TDMX ha caratteristiche straordinarie che comprendono 1024 canali DMX, pannello touch sensitive, orologio/calendario, programmazione remota, collegamento Ethernet, e molto altro....

È sufficiente avvitare la piastra posteriore del TDMX ad una presa a muro singola o doppia, collegare l'alimentatore e i cavi DMX al blocco connettori del TDMX, e agganciare la centralina al muro.

TDMX supporta fino a 5 Aree su un'ampiezza di 25 pagine. Questo permette di suddividere una stanza o un edificio e creare fino a 5 scenari diversi contemporaneamente. Un possibile esempio è il seguente:

Area A: Controllo sulla luce d'ambiente di una stanza, ad esempio alcuni singoli canali.

Area B: Un leggero effetto di cambio colore sui faretti LED installati a soffitto.

Area C: Vari colori statici sull'illuminazione a suolo.

Area D: Controllo degli apparecchi a parete.

Area E: Una funzione globale che interrompe tutte le altre e controlla tutto il sistema.

DMX CONTROLLER FOR PC TOUCH SENSITIVE

Lighting at the tip of your fingers

TDMX comes with amazing features such as 1024 DMX channels, touch sensitive panel, clock/calendar, remote control, Ethernet facilities, and much more....

Simply screw the TDMX's back plate onto a single or double gang wall socket, connect the power and DMX cables to the TDMX's block connector, then clip the TDMX onto the wall.

The TDMX supports up to 5 Areas across 25 pages. This allows you to split up a room or a building and play up to 5 different scenes simultaneously. For example, you could have:

Area A: Control over the ambient lighting of a room, such as some single channel

Area B: A subtle colour changing effect playing on LED spot in the ceiling

Area C: Some static colours used on floor lighting

Area D: Control of the wall lighting

Area E: A global override which controls everything



Code	Description
T DMX	Centralina DMX touch sensitive DMX touch sensitive controller

CENTRALINA E DMX

Bellezza, semplicità e controllo in un unico apparecchio

Disponibile nei colori bianco e nero, la EDMX è una soluzione semplice ma potente per il controllo degli apparecchi RGB.

La EDMX è uno dei ritrovamenti più interessanti nel mercato dell'illuminazione architettonica. La centralina è fornita già settata con alcuni effetti RGB e può essere facilmente programmata grazie al software fornito a corredo.

Caratteristiche tecniche:

- Centralina Stand Alone DMX512 con display in vetro
- 3 pulsanti touch-sensitive, semplici da usare
- Creazione tramite semplici passaggi di scenari dinamici di durata regolabile
- Regolazione diretta dell'intensità e del colore di una scena
- Programmabile con cavetto USB (a corredo) e software di programmazione
- Connettore posteriore a 5 ingressi : 3 x DMX - 2x alimentazione
- Collegare a adattatore 5-12V AC/DC (non incluso)
- 128 canali DMX

E DMX CONTROLLER

Beauty, simplicity and control joined together.

Available in black and white, the EDMX provides a simple yet powerful solution for your RGB lighting control needs.

The EDMX is one of our most exciting development within the architectural market. The controller comes pre loaded with RGB effects and can be programmed by the software provided with the controller.

The unit features:

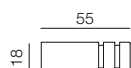
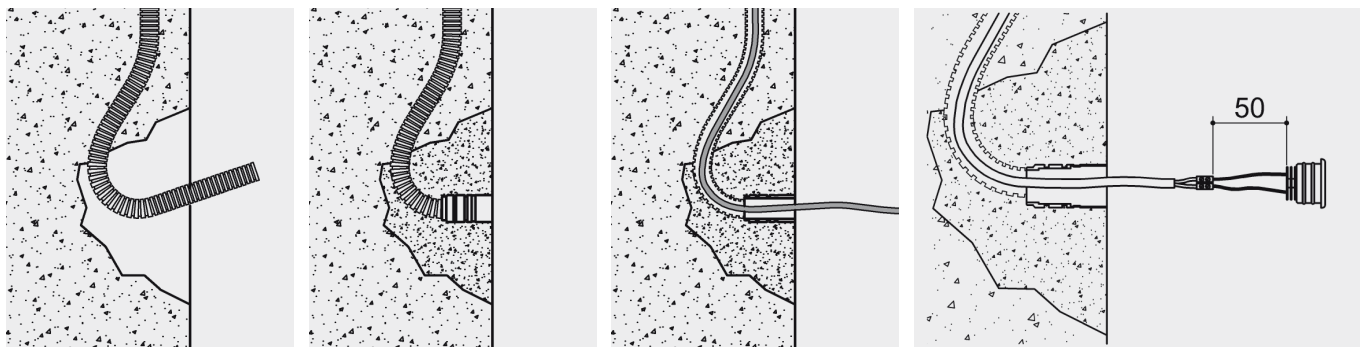
- DMX512 Stand Alone Controller with a glass display
- 3 touch sensitive buttons for simplicity and reliability
- dynamic scenes created step by step with adjustable timing
- live setting of the intensity and colour of a scene
- programmable with the included USB cable and control software
- 5-pin connector block at the rear : 3x DMX - 2x Power Supply
- works with 5-12V AC/DC adapter (optional)
- 128 DMX channels





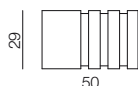
Code	Description
E DMX-B	Centralina DMX touch sensitive - colore nero DMX touch sensitive controller - colour black
E DMX-W	Centralina DMX touch sensitive - colore bianco DMX touch sensitive controller - colour white




CASSEFORME PER GEMME LED HOUSINGS FOR LED GEMS

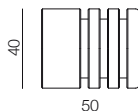
Installazione a parete o pavimento con parete nuda.
Wall or ground installation, plain wall.








Code	Material	Cut-out	Use with:
A00283.30	Alluminio Aluminum	 Ø 19 mm	 GEMMA 20 i page 132



Code	Material	Cut-out	Use with:
A00102.30	Alluminio Aluminum	 Ø 30 mm	 GEMMA 30 i page 134  GEMMA 30 iR ORIENTABILE page 136  GEMMA Qd 35 i page 138  LEI page 150  LUI page 152

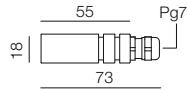
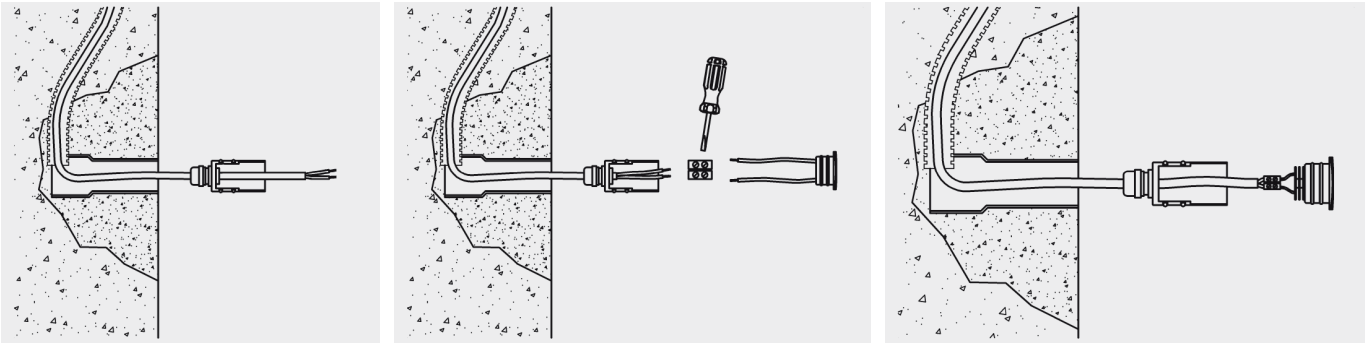




Code	Material	Cut-out	Use with:
A00103.30	Alluminio Aluminum	 Ø 42 mm	 GEMMA 50 i page 140  GEMMA 50 iF INCASSO A FILO page 142  GEMMA 50 iL LUCE RADENTE page 144  GEMMA BUBBLE page 146

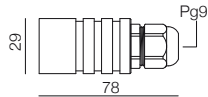


CASSEFORME CON PRESSACAVO HOUSINGS WITH CABLE GLAND

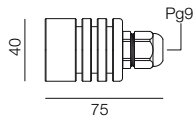
Installazione a parete o pavimento.
Wall or ground installation.








Code	Material	Cut-out	Use with:
A00284.30	Alluminio Aluminum	 Ø 19 mm	 GEMMA 20 i page 290



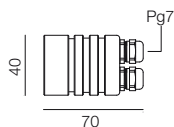
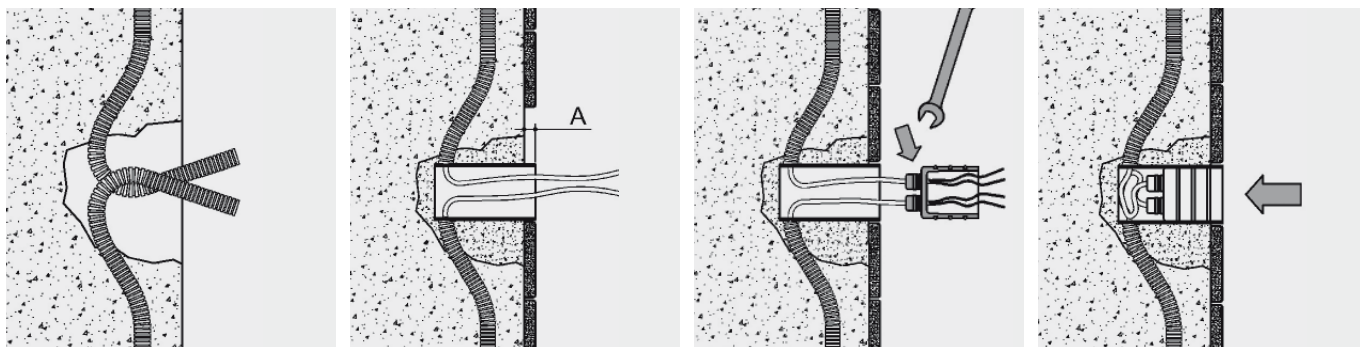
Code	Material	Cut-out	Use with:
A00105.30	Alluminio Aluminum	 Ø 30 mm	 GEMMA 30 i page 292  GEMMA Qd 35 i page 296  LEI page 350  LUI page 354








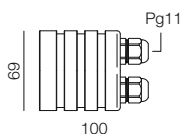
Code	Material	Cut-out	Use with:
A00106.30	Alluminio Aluminum	 Ø 42 mm	 GEMMA 50 i page 300  GEMMA 50 iF INCASTO A FILO page 302  GEMMA 50 iL LUCE RADENTE page 306  GEMMA BUBBLE page 308

CASSEFORME CON DUE PRESSACAVI HOUSINGS WITH 2 CABLE GLANDS

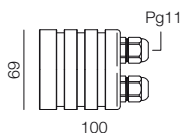
Installazione a parete o pavimento.
Wall or ground installation.





Code	Material	Cut-out	Use with:
A00128.30	Alluminio Aluminum	 Ø 42 mm	 GEMMA 50 i page 300  GEMMA 50 iF INCASSO A FILO page 302  GEMMA 50 iL LUCE RADENTE page 306  GEMMA BUBBLE page 308



Code	Material	Cut-out	Use with:
A00120.30	Alluminio Aluminum	 Ø 70 mm	 ARES page 326

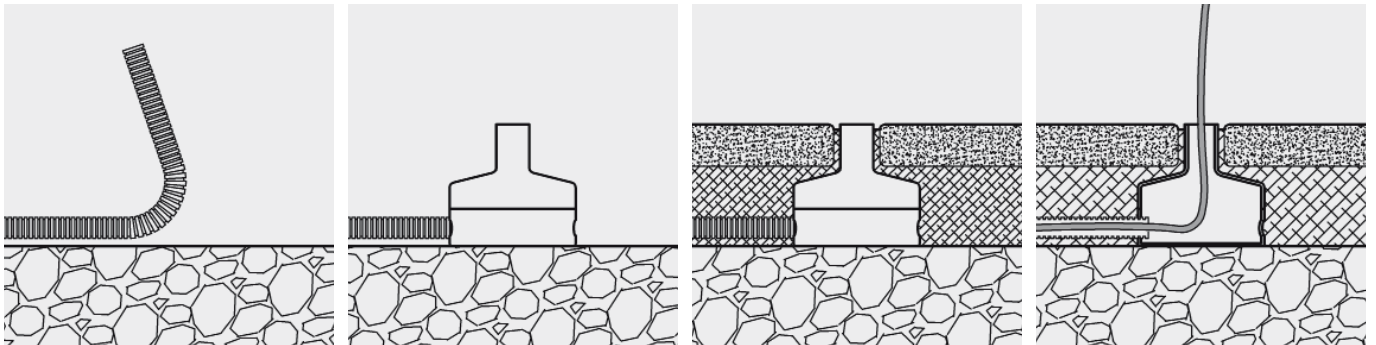


Code	Material	Cut-out	Use with:
A00120.40	Materiale plastico Plastic material	 Ø 70 mm	 ARES IP68 IMMERSIONE page 470

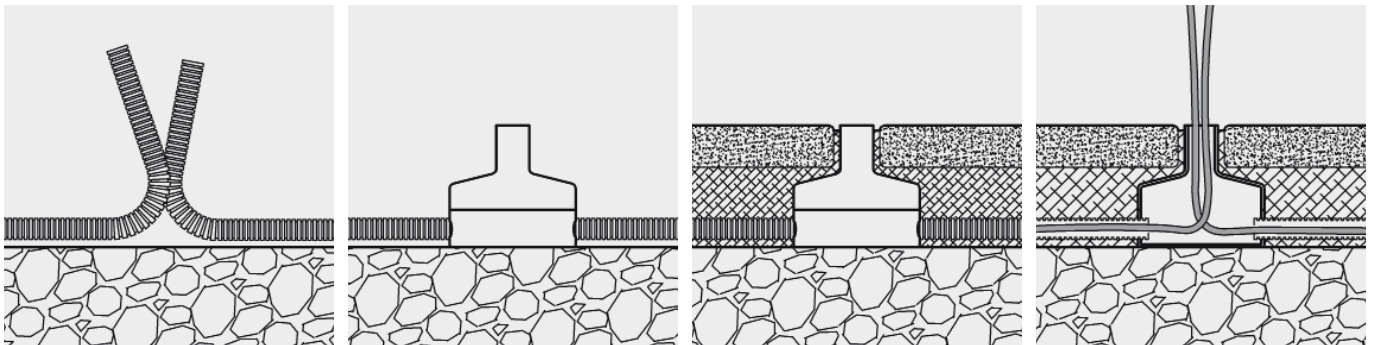


CONTROCASSE RECESSED BOXES

Installazione a pavimento con collegamento terminale.
Ground installation, terminal connection.

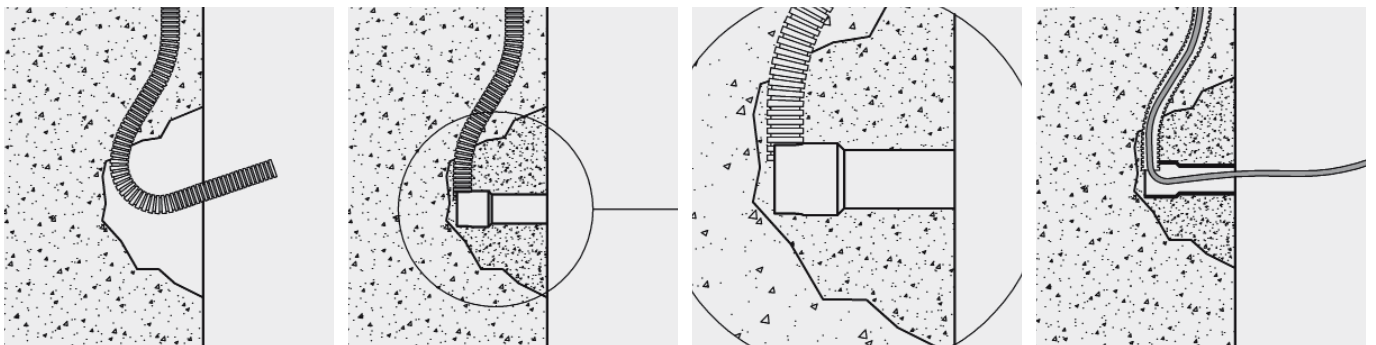


Installazione a pavimento con collegamento passante.
Ground installation, passing through connection.

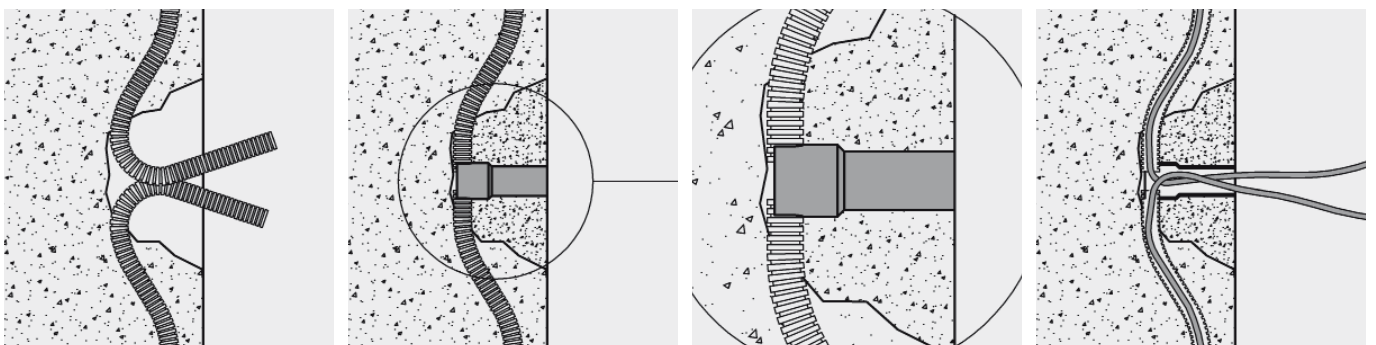


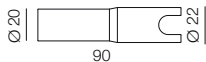
522



Installazione a parete con collegamento terminale.
Wall installation, terminal connection.

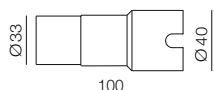




Installazione a parete con collegamento passante.
Wall installation, passing through connection.

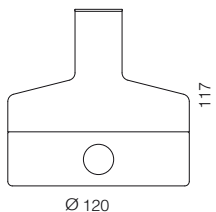




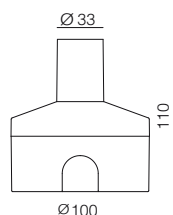
Code	Material	Cut-out	Use with:
A00285.30	Alluminio Aluminum	 Ø 23 mm	 GEMMA 20 i page 132
A00285.40	Materiale plastico Plastic material		GEMMA 20 i page 290 GEMMA 20 IP68 page 466



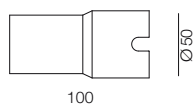
A00161.30	Alluminio Aluminum	 Ø 40 mm	 GEMMA 30 i page 134 page 292
			GEMMA 30 IR ORIENTABILE page 136





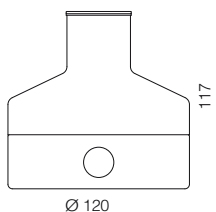
A00163.30	Alluminio Aluminum		 GEMMA 35 IP67 page 294
			GEMMA Qd 35 i page 138 page 296



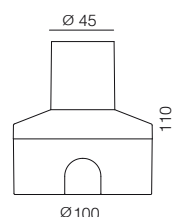
A00249.40	Materiale plastico Plastic material		 GEMMA Qd 35 IP67 page 298
			LEI page 150 page 350
			LUI page 152 page 354



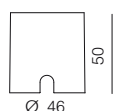
A00129.30	Alluminio Aluminum	 Ø 50 mm	 GEMMA 50 i page 140 page 300
			GEMMA 50 IF INCASSO A FILO page 142 page 302





A00164.30	Alluminio Aluminum		 GEMMA 50 IL LUCE RADENTE page 144 page 306
			GEMMA BUBBLE page 146 page 308



A00250.40	Materiale plastico Plastic material		 ARCO 50 i page 312
			ARCO 60 i page 316
			ARCO H55 page 314



A00289.40	Materiale plastico Plastic material	 Ø 47 mm	 ARCO H55 page 314
			ARCO H55 IP68 page 476



CONTROCASSE RECESSED BOXES

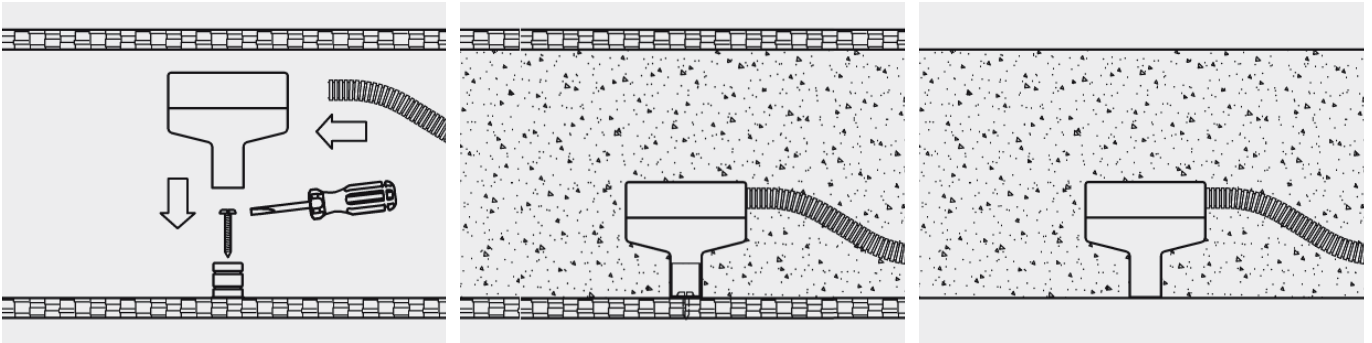
		Code	Material	Cut-out	Use with:
		A00233.30	Alluminio Aluminum	Ø 61 mm	SEGNO page 356
		A00247.30	Alluminio Aluminum	Ø 74 mm	ASTRO 80 page 320
		A00216.30	Alluminio Aluminum		AURA 4-6 page 322
		A00165.30	Alluminio Aluminum		ARES page 326
		A00204.30	Alluminio Aluminum		AURA 10-14 page 324 IRIDE 3 i page 426
		A00231.30	Alluminio Aluminum	Ø 40 mm	GEMMA 35 IP68 page 468
		A00249.40	Materiale plastico Plastic material		
		A00230.30	Alluminio Aluminum	Ø 50 mm	ARCO 50 IP68 page 474 ARCO m55 IP68 page 476
		A00250.40	Materiale plastico Plastic material		ARCO 60 IP68 page 478

		<table border="1"> <thead> <tr> <th>Code</th> <th>Material</th> <th>Cut-out</th> <th>Use with:</th> </tr> </thead> </table>	Code	Material	Cut-out	Use with:								
Code	Material	Cut-out	Use with:											
		<table border="1"> <tbody> <tr> <td>A00243.40</td> <td>Materiale plastico Plastic material</td> <td> Ø 73 mm</td> <td> ARCO 80 i page 318</td> </tr> </tbody> </table>	A00243.40	Materiale plastico Plastic material	Ø 73 mm	ARCO 80 i page 318								
A00243.40	Materiale plastico Plastic material	Ø 73 mm	ARCO 80 i page 318											
		<table border="1"> <tbody> <tr> <td>A00251.40</td> <td>Materiale plastico Plastic material</td> <td></td> <td> ARCO 80 IP68 page 482</td> </tr> <tr> <td></td> <td></td> <td></td> <td> ARES H65 IP68 page 472</td> </tr> </tbody> </table>	A00251.40	Materiale plastico Plastic material		ARCO 80 IP68 page 482				ARES H65 IP68 page 472				
A00251.40	Materiale plastico Plastic material		ARCO 80 IP68 page 482											
			ARES H65 IP68 page 472											
		<table border="1"> <tbody> <tr> <td>A00290.40</td> <td>Materiale plastico Plastic material</td> <td> Ø 68 mm</td> <td> ARES H65 IP68 page 472</td> </tr> </tbody> </table>	A00290.40	Materiale plastico Plastic material	Ø 68 mm	ARES H65 IP68 page 472								
A00290.40	Materiale plastico Plastic material	Ø 68 mm	ARES H65 IP68 page 472											
		<table border="1"> <tbody> <tr> <td>A00130.40</td> <td>Materiale plastico Plastic material</td> <td> Ø 76 mm</td> <td> ARES IP68 IMMERSIONE page 470</td> </tr> </tbody> </table>	A00130.40	Materiale plastico Plastic material	Ø 76 mm	ARES IP68 IMMERSIONE page 470								
A00130.40	Materiale plastico Plastic material	Ø 76 mm	ARES IP68 IMMERSIONE page 470											
		<table border="1"> <tbody> <tr> <td>A00276.40</td> <td>Materiale plastico Plastic material</td> <td> Ø 92 mm</td> <td> AURA 10-14 page 324</td> </tr> <tr> <td></td> <td></td> <td></td> <td> IRIDE 3 i page 426</td> </tr> <tr> <td></td> <td></td> <td></td> <td> IRIDE 3 IP68 i page 488</td> </tr> </tbody> </table>	A00276.40	Materiale plastico Plastic material	Ø 92 mm	AURA 10-14 page 324				IRIDE 3 i page 426				IRIDE 3 IP68 i page 488
A00276.40	Materiale plastico Plastic material	Ø 92 mm	AURA 10-14 page 324											
			IRIDE 3 i page 426											
			IRIDE 3 IP68 i page 488											
		<table border="1"> <tbody> <tr> <td>A00245.40</td> <td>Materiale plastico Plastic material</td> <td></td> <td> ARCO 60 IP68 Per controscassa stagna page 480</td> </tr> </tbody> </table>	A00245.40	Materiale plastico Plastic material		ARCO 60 IP68 Per controscassa stagna page 480								
A00245.40	Materiale plastico Plastic material		ARCO 60 IP68 Per controscassa stagna page 480											
		<table border="1"> <tbody> <tr> <td>A00244.40</td> <td>Materiale plastico Plastic material</td> <td></td> <td> ARCO 80 IP68 Per controscassa stagna page 486</td> </tr> </tbody> </table>	A00244.40	Materiale plastico Plastic material		ARCO 80 IP68 Per controscassa stagna page 486								
A00244.40	Materiale plastico Plastic material		ARCO 80 IP68 Per controscassa stagna page 486											
		<table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> <th>Length</th> </tr> </thead> <tbody> <tr> <td>96000296</td> <td>Corrugato Ø 21 mm per controscasse stagne Corrugated Pipe Ø 21 mm for waterproof recessed box</td> <td>su richiesta upon request</td> </tr> </tbody> </table>	Code	Description	Length	96000296	Corrugato Ø 21 mm per controscasse stagne Corrugated Pipe Ø 21 mm for waterproof recessed box	su richiesta upon request						
Code	Description	Length												
96000296	Corrugato Ø 21 mm per controscasse stagne Corrugated Pipe Ø 21 mm for waterproof recessed box	su richiesta upon request												

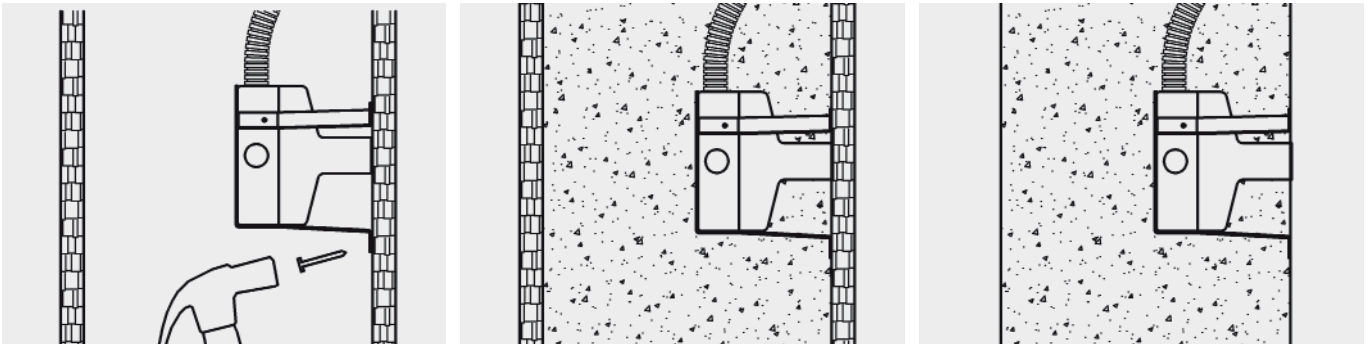


CONTROCASSE PER CEMENTO ARMATO RECESSED BOXES FOR INSTALLATION IN REINFORCED CONCRETE

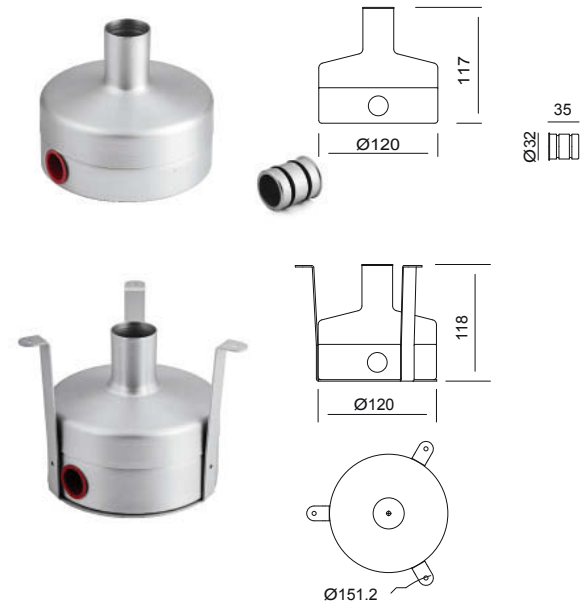
Fissaggio con tappo.
Fixing with cap.






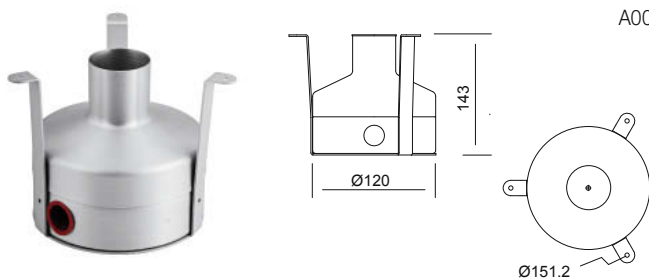
Fissaggio con flangia.
Fixing with holders.




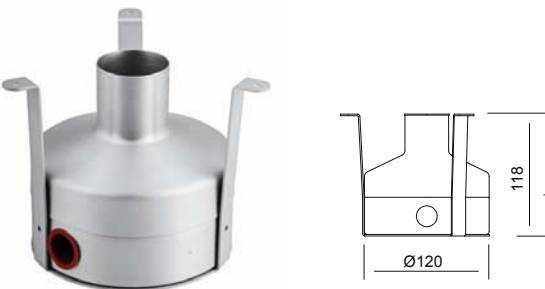
526



Code	Material	Description	Use with:
A00207.30	Alluminio Aluminum	Fissaggio con tappo With cap	 GEMMA 30 i page 134 page 292  GEMMA 30 iR ORIENTABILE page 136  GEMMA 35 IP67 page 294
A00193.30	Alluminio Aluminum	Fissaggio con flange With holders	 GEMMA Qd 35 i page 138 page 296  GEMMA Qd 35 IP67 page 298  LEI page 150 page 350  LUI page 152 page 354



A00224.30	Alluminio Aluminum	Fissaggio con flange With holders	 SEGNO page 356
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Code	Material	Description	Use with:
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A00208.30	Alluminio Aluminum	Fissaggio con tappo With cap	
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GEMMA 50 i
page 140
page 300



GEMMA 50 iF
INCASSO A FILO
page 142
page 302



GEMMA 50 iL
LUCI RADENTE
page 144
page 306



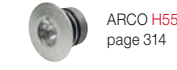
GEMMA BUBBLE
page 146
page 308



ARCO 50 i
page 312



ARCO 60 i
page 316



ARCO H55
page 314

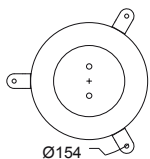
A00195.30	Alluminio Aluminum	Fissaggio con flange With holders	
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A00209.30	Alluminio Aluminum	Fissaggio con tappo With cap	
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ARES
page 326

A00197.30	Alluminio Aluminum	Fissaggio con flange With holders	
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A00210.30	Alluminio Aluminum	Fissaggio con tappo With cap	
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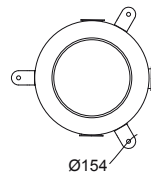


AURA 10-14
page 324



IRIDE 3 i
page 426

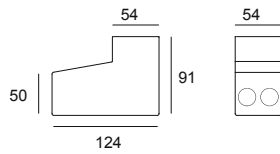
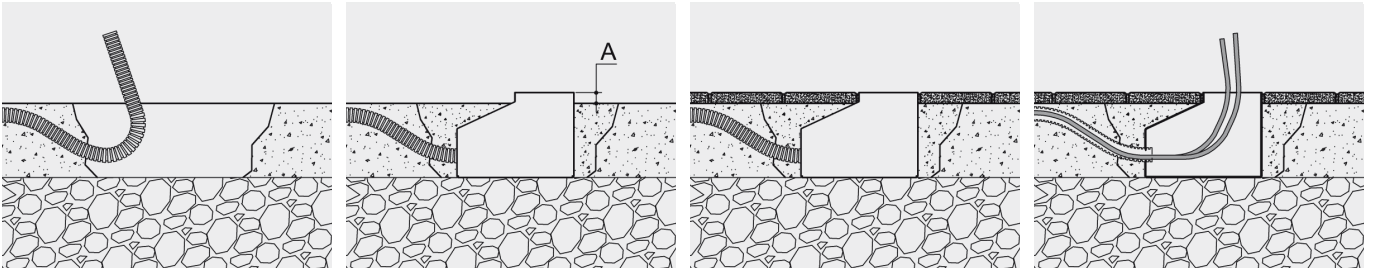
A00206.30	Alluminio Aluminum	Fissaggio con flange With holders	
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CONTROCASSE QUADRE SQUARE RECESSED BOXES

Installazione a parete o pavimento.
Wall or ground installation.



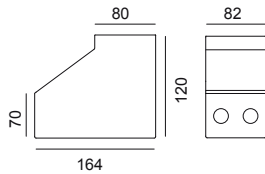
Code	Material	Use with:
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A00166.30 Ferro zincato
Galvanized steel



CUBIC LED SMALL
page 338

528

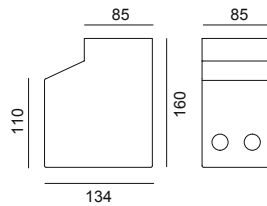


Code	Material	Use with:
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A00167.30 Ferro zincato
Galvanized steel



CUBIC LED PLUS
page 342

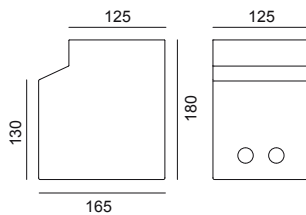


Code	Material	Use with:
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A00246.30 Ferro zincato
Galvanized steel



GEO 4-6 R
page 344



Code	Material	Use with:
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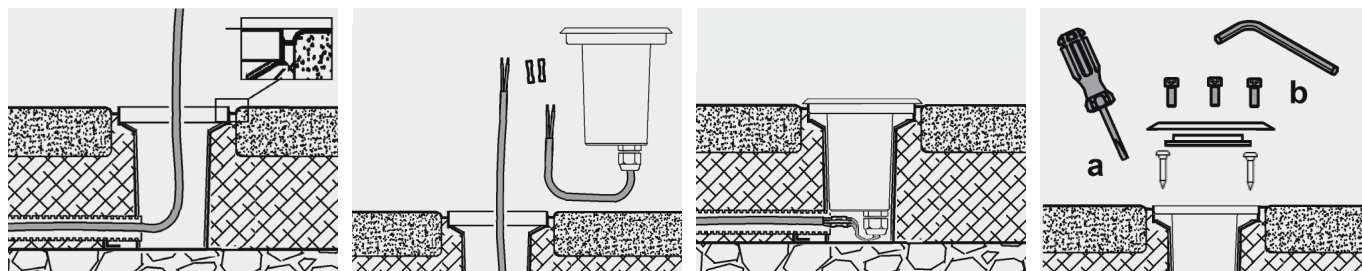
A00217.30 Ferro zincato
Galvanized steel



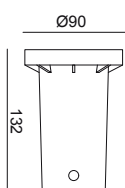
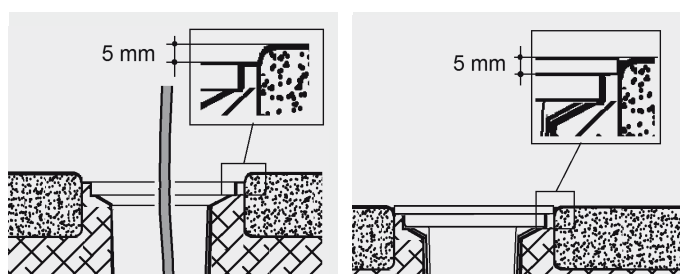
GEO 10-14 R
page 346



CONTROCASSE RECESSED BOXES

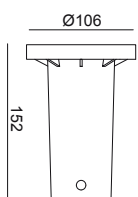
Installazione a parete o pavimento.
Wall or ground installation.







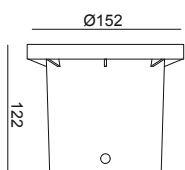
Per montaggio a filo, installare la controcassa 5mm incassata rispetto al filo pavimento.
For flush to floor mounting, install the recessed box 5mm under the floor line.





Code	Material	Cut-out	Use with:
A00131.40	Materiale plastico Plastic material	 Ø 90 mm	 GIOVE 3 FISSO page 330



Code	Material	Cut-out	Use with:
A00132.40	Materiale plastico Plastic material	 Ø 107 mm	 GIOVE 3 R ORIENTABILE page 332  GIOVE 7 FISSO page 334  DISCOVERY page 358

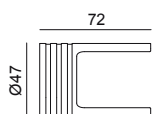
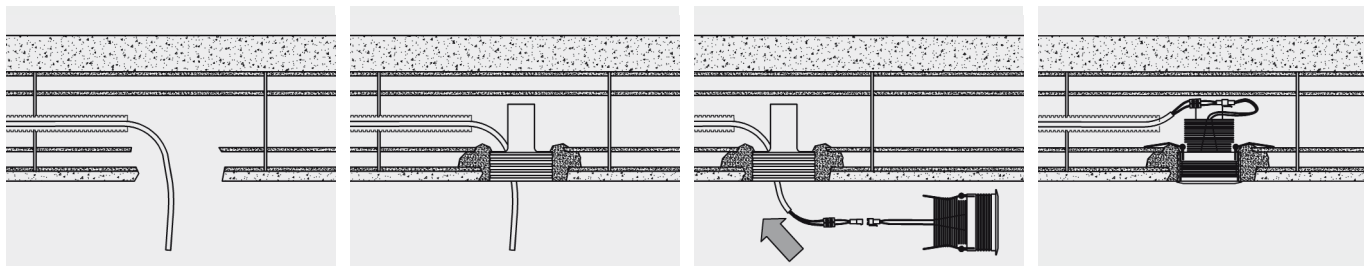


Code	Material	Cut-out	Use with:
A00133.40	Materiale plastico Plastic material	 Ø 153 mm	 GIOVE 7 R ORIENTABILE page 336



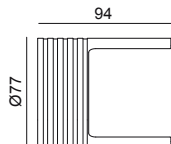
CONTROCASSE PER PIGNATTE RECESSED BOXES FOR HOLLOW BRICKS

Installazione a soffitto.
Ceiling installation.



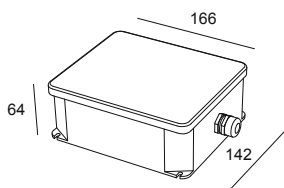
Code	Material	Cut-out	Use with:
A00239.30	Alluminio Aluminum	Ø 48 mm	EOS 4-6 m page 82 EOS 4-6 Am Antiabbagliamento page 84

530



Code	Material	Cut-out	Use with:
A00241.30	Alluminio Aluminum	Ø 78 mm	EOS 10-14 m page 92 EOS 10-14 Am Antiabbagliamento page 94

SCATOLA DI DERIVAZIONE IN ALLUMINIO IP67 ALUMINUM JUNCTION BOX IP67

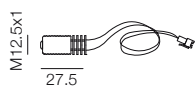
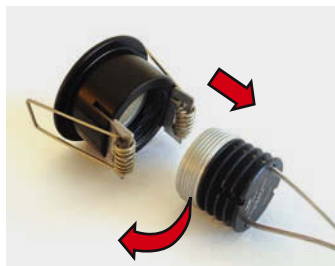


Code	Material
A00294.30	Alluminio Aluminum

MODULI LED DI RICAMBIO SPARE LED MODULES



I moduli LED sono da utilizzare come ricambi per Gemme LED e non per uso indipendente.
LED modules have to be used as spare parts of LED Gems and not as lighting fixtures.



1W	2W
350mA	500mA

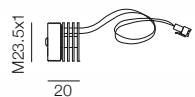
700148.3 700149.3

LED COLOUR

Use with:



GEMMA 20 page 132 GEMMA 20 page 290



1W	2W	3W	3W
350mA	500mA	350mA	350mA R G B

700150.3 700151.3 700152.3 700674.37 I

LED COLOUR

Use with:

Interno - Incassi a molla

Indoor - Recessed with springs



GEMMA Qd 35 m page 34 GEMMA 40 m page 36 GEMMA 40 Am Antiabbagliamento page 38 GEMMA 50 m page 44 CUBIC GEM page 46

Interno - Incassi a ghiera

Indoor - Recessed with ring nut



GEMMA 30 g page 114

Interno - Incassi con cassaforma

Indoor - Recessed with housing



GEMMA 30 i page 134 GEMMA Qd 35 i page 138 GEMMA 50 i page 140 GEMMA 50 iF INCASSO A FILO page 142 GEMMA BUBBLE page 146

Esterno - Incassi con cassaforma

Outdoor - Recessed with housing



GEMMA 30 i page 292 GEMMA Qd 35 i page 296 GEMMA 50 i page 300 GEMMA 50 iF INCASSO A FILO page 302 GEMMA BUBBLE page 308 CUBIC LED SMALL page 338

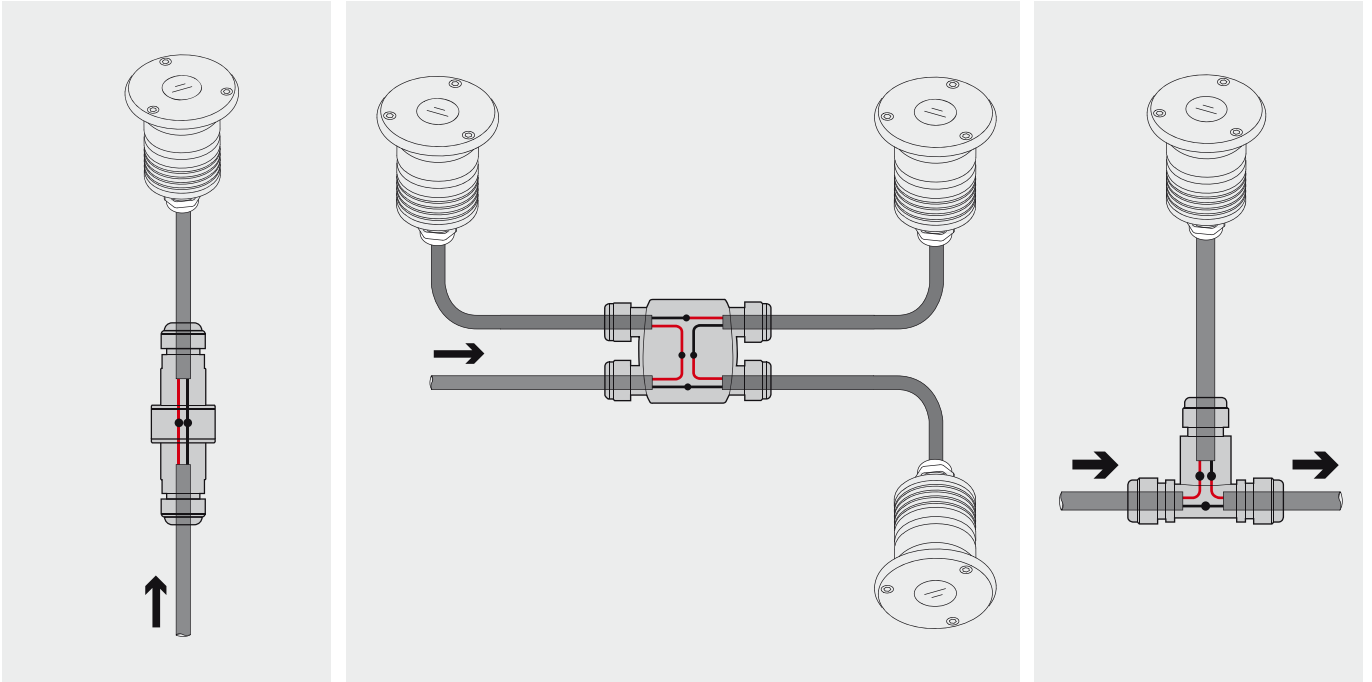
FINISHING

LED COLOUR

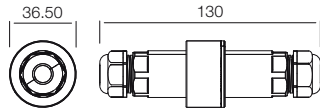
- | | |
|-------------------------|---|
| 3 Grigio
Gray | 1 Bianco 5000 K
White |
| | 2 Verde
Green |
| | 3 Blu
Blue |
| | 4 Rosso
Red |
| | 5 Ambra
Amber |
| | 6 Bianco 3000 K
White |
| | 9 Bianco 4000 K
White |
| | Y Bianco 2700 K
White |
| | W Bianco 3000 K
White CRI 95 |



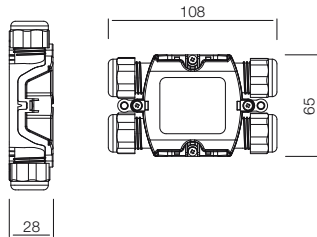
CONNETTORI STAGNI IP68 WATERTIGHT CONNECTORS IP68



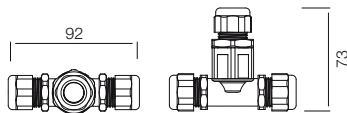
532



Code	Material	Description
A00153.40	Plastico Plastic	Connettore stagno IP68 lineare Linear watertight connector IP68



Code	Material	Description
A00154.40	Plastico Plastic	Connettore stagno IP68 lineare multiplo 4 ingressi Linear watertight connector IP68 - 4 inputs



Code	Material	Description
A00155.40	Plastico Plastic	Connettore "T" IP68 IP68 "T" connector

CONNETTORI HUB HUB EASY CONNECT

Il modo più semplice per collegare in SERIE gli apparecchi a LED, è utilizzare i connettori HUB. Collegare un HUB ad un alimentatore, a seconda del tipo di HUB (2 vie; 4 vie; 6 vie; 12 vie), si possono alimentare da 2 a 12 apparecchi LED.

Utilizzare sempre gli appositi CAVETTI CONNESSIONE.

Chiudere le porte HUB non usate con i morsetti LOOP.

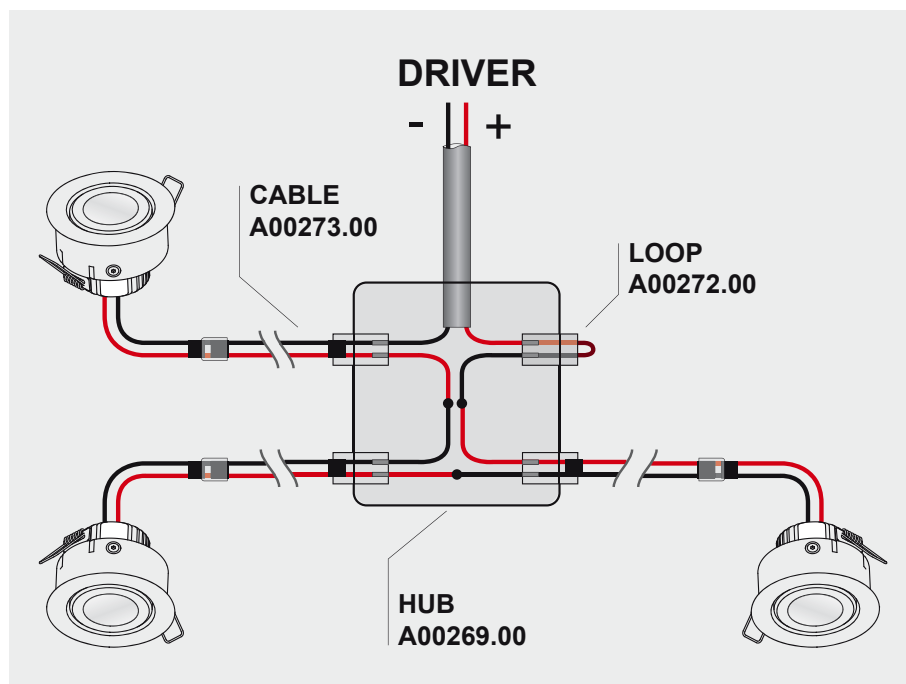
Rispettare sempre la potenza degli alimentatori.

The easiest way to connect in series our fixtures is to use the HUB EASY CONNECT.

Just connect the HUB to the driver and plug the fixtures into the HUB. The Hub to be used (2 ways, 4 ways, 6 ways, 12 ways) depends on the number of fixtures to plug in.

Use always the appropriate connection cables. Always close all the remaining free ways with loops.

Do not forget to respect the load capacity of the driver.



Code	Material	Description
A00268.00	Plastico Plastic	Connettore HUB 2 vie HUB easy connect 2 ways
A00269.00	Plastico Plastic	Connettore HUB 4 vie HUB easy connect 4 ways
A00270.00	Plastico Plastic	Connettore HUB 6 vie HUB easy connect 6 ways
A00271.00	Plastico Plastic	Connettore HUB 12 vie HUB easy connect 12 ways



Code	Material	Description
A00272.00	Plastico Plastic	Loop - confezione da 10 pz. 10 pack loops



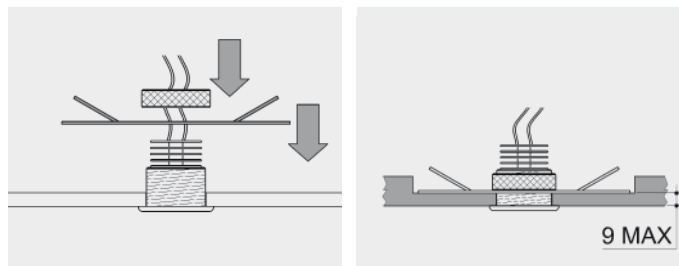
Code	Material	Description
A00273.00	Plastico Plastic	Cavetto connessione HUB lung. cm 60 Cable for HUB connection 60 cm long
A00274.00	Plastico Plastic	Cavetto connessione HUB lung. cm 150 Cable for HUB connection 150 cm long
A00275.00	Plastico Plastic	Cavetto connessione HUB lung. cm 350 Cable for HUB connection 350 cm long



DISSIPATORI ALETTATI HEATSINKS

I dissipatori alettati permettono un migliore smaltimento del calore generato dalle Gemme LED a ghiera. deve essere inserito prima del fissaggio sul pannello e fissato con la ghiera dell'apparecchio.

The heatsinks permit a better dissipation of the heat emitted by Gemma with ring nut. It has to be inserted before fixing the Gemma on the panel, and screwed with the ring nut of the fixture.



Code	Description	Diameter
A00109.30	Dissipatori per Gemme 30 con ghiera da 2W e 3W Heatsinks for Gemma 30 with ring nut, 2W and 3W	Ø 27 mm
A00117.30	Dissipatori per Gemme 18 con ghiera da 2W Heatsinks for Gemma 18 with ring nut, 2W	Ø 13 mm

CAVI ELETTRICI E DI SEGNALE SIGNAL AND ELECTRIC CABLES

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Code	Description	Length
96000228	Cavetto in neoprene 6x0,5 mm ² Neoprene cable 6x0,5 mm ²	su richiesta upon request
96000116	Cavetto in neoprene 2x1 mm ² Neoprene cable 2x1 mm ²	
96000231	Cavetto in neoprene 2x0,5 mm ² Neoprene cable 2x0,5 mm ²	
96000115	Cavetto in neoprene 4x1 mm ² Neoprene cable 4x1 mm ²	
96000281	Cavetto di segnale DMX DMX signal cable	











Code	Description	Length
A00168.00	Cavetto SYNC per alimentatore multifunzione SYNC cable for multifunction driver	100 cm


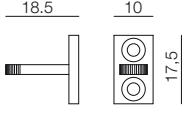

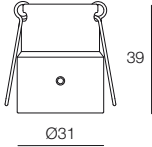








Code	Description	Length
A00107.00	Cavetto d'alimentazione "standard" con connettore Standard cable with connector	60 cm
A00108.00	Cavetto d'alimentazione con connettore Cable with connector	150 cm
A00111.00	Cavetto d'alimentazione con connettore Cable with connector	350 cm

PICCHETTI STAKES

		<table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> <th>Use with:</th> </tr> </thead> <tbody> <tr> <td>A00277.60</td> <td>Picchetto in Acciaio Inox AISI 316L Stainless Steel 316L stake</td> <td> MICRO page 372</td> </tr> <tr> <td>A00277.FO</td> <td>Picchetto in ferro zincato Galvanized steel stake</td> <td> MICRO IP68 page 504</td> </tr> </tbody> </table>	Code	Description	Use with:	A00277.60	Picchetto in Acciaio Inox AISI 316L Stainless Steel 316L stake	 MICRO page 372	A00277.FO	Picchetto in ferro zincato Galvanized steel stake	 MICRO IP68 page 504
Code	Description	Use with:									
A00277.60	Picchetto in Acciaio Inox AISI 316L Stainless Steel 316L stake	 MICRO page 372									
A00277.FO	Picchetto in ferro zincato Galvanized steel stake	 MICRO IP68 page 504									
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Code	Description	Use with:									
A00287.FO	Picchetto in ferro zincato Galvanized steel stake	 AZIMUTH IP65 page 374									
		<table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> <th>Use with:</th> </tr> </thead> <tbody> <tr> <td>A00280.FO</td> <td>Picchetto in ferro zincato Galvanized steel stake</td> <td> NEXUS SMALL page 406</td> </tr> </tbody> </table>	Code	Description	Use with:	A00280.FO	Picchetto in ferro zincato Galvanized steel stake	 NEXUS SMALL page 406			
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A00280.FO	Picchetto in ferro zincato Galvanized steel stake	 NEXUS SMALL page 406									
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Code	Description	Use with:									
A00281.FO	Picchetto in ferro zincato Galvanized steel stake	 NEXUS page 408									
		<table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> <th>Use with:</th> </tr> </thead> <tbody> <tr> <td>A00288.FO</td> <td>Picchetto in ferro zincato Galvanized steel stake</td> <td> STARLIGHT UP page 404</td> </tr> </tbody> </table>	Code	Description	Use with:	A00288.FO	Picchetto in ferro zincato Galvanized steel stake	 STARLIGHT UP page 404			
Code	Description	Use with:									
A00288.FO	Picchetto in ferro zincato Galvanized steel stake	 STARLIGHT UP page 404									
		 SIRIO SERIES page 376									

ACCESSORI ACCESSORIES

		<table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>A00110.30</td> <td>Staffa per montaggio RIGA orientabili in sequenza. Da richiedere per il collegamento di RIGA LED orientabili in sequenza. Bracket for a sequence installation of adjustable RIGA Required for series connection of adjustable RIGA LED.</td> </tr> </tbody> </table>	Code	Description	A00110.30	Staffa per montaggio RIGA orientabili in sequenza. Da richiedere per il collegamento di RIGA LED orientabili in sequenza. Bracket for a sequence installation of adjustable RIGA Required for series connection of adjustable RIGA LED.					
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Code	Description	Use with:									
A00293.40	Accessorio per montaggio con molle Spring mounting support	 LEI page 150									
	 Ø 33 mm	LUI page 152									