

## IPRO LED (MICRO)

### ATTENZIONE:

LA SICUREZZA DELL'APPARECCHIO E' GARANTITA SOLO CON L'USO APPROPRIATO DELLE SEGUENTI ISTRUZIONI; PERTANTO E' NECESSARIO CONSERVARLE.

### GB WARNING:

THE SAFETY OF THIS FIXTURE IS GUARANTEED ONLY IF YOU COMPLY WITH THESE INSTRUCTIONS; REMEMBER TO CONSERVE IN A SAFE PLACE.

### F ATTENTION:

LA SECURITE DE L'APPAREIL N'EST GARANTIE QU'EN CAS D'UTILISATION CORRECTE DES INSTRUCTIONS SUIVANTES; IL FAUT PAR CONSEQUENT LES CONSERVER.

### D ACHTUNG:

DIE SICHERHEIT DES GERÄTES WIRD NUR DURCH SACHGEMÄSSE BEFOLGUNG NACHSTEHENDER ANWEISUNGEN GEWÄHRLEISTET; IHRE AUFBEWAHRUNG IST DESHALB SEHR WICHTIG.

### NL OPGELET:

DE VEILIGHEID VAN DI ATOESTEL IS SLECHTS DAN GEGARANDEERD ALS INDIEN DE VOLGENDE INSTRUCTIES STRIKT WORDEN TOEGEPAST; DAAROM MOET MEN ZE OOK BEWAREN.

### E ATENCION:

LA SEGURIDAD DEL APARATO SE GARANTIZA SOLO CUMPLIENDO CUIDADOSAMENTE LAS SIGUIENTES INSTRUCCIONES; POR ELLO, ES NECESARIO CONSERVARLAS.

### DK BEMÆRK:

SIKKERHEDEN VED BRUG AF ARMATURET KAN KUN GARANTERES, HVIS DISSE ANVISNINGER FØLGES; SØRG DERFOR FOR AT GEMME DEM.

### N ADVARSEL:

SIKKERHETEN TIL DETTE APPARATET GARANTERES KUN HVIS DU OVERHOLDER DISSE INSTRUKSJONENE; HUSK Å OPPBEVARE DEM PÅ ET TRYGT STED.

### S OBSERVERA!

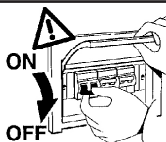
UTRUSTNINGENS SÄKERHET KAN ENDAST GARANTERAS OM DESSA ANVISNINGAR RESPEKTERAS I DETALJ. SPARA DÄRFÖR DESSA ANVISNINGAR FÖR FRAMTIDA KONSULTATION.

### RUS ВНИМАНИЕ:

МЫ ГАРАНТИРУЕМ БЕЗОПАСНУЮ ЭКСПЛУАТАЦИЮ ИЗДЕЛИЯ ТОЛЬКО ПРИ СОБЛЮДЕНИИ СЛЕДУЮЩИХ ИНСТРУКЦИЙ; С ЭТОЙ ЦЕЛЬЮ НЕОБХОДИМО СОХРАНИТЬ ДАННУЮ БРОШЮРУ.

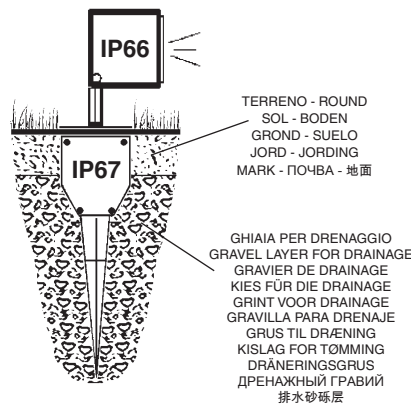
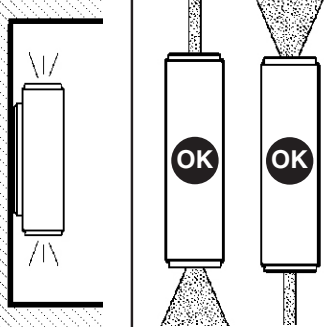
### CN 警告

为确保该装置安全，请遵守操作指示；并于安全场所放置。



IP66

IP66



TERRENO - ROUND  
SOL - BODEN  
GROND - SUELO  
JORD - JORDING  
MARK - ПОЧВА - 地面

GHIAIA PER DRENAGGIO  
GRAVEL LAYER FOR DRAINAGE  
GRAVIER DE DRAINAGE  
KIES FÜR DIE DRAINAGE  
GRINT VOOR DRAINAGE  
GRAVILLA PARA DRENAJE  
GRUS TIL DRÆNING  
KISLAG FOR TØMMING  
DRÄNERINGSGRUS  
ДРЕНАЖНЫЙ ГРАВИЙ  
排水砂砾层

DIMENSIONI, PESO E SUPERFICIE DI MASSIMO INGOMBRO, DELLA COMPOSIZIONE COMPLETA DI ACCESSORI.

MAXIMUM SIZE, WEIGHT AND AREA OF THE COMPOSITION COMPLETE WITH AND ACCESSORIES.

DIMENSIONS, POIDS ET SURFACE MAXIMUM D'ENCOMBREMENT DE LA COMPOSITION AVEC ACCESSOIRES.

ABMESSUNGEN, GEWICHT UND GRÖßTE FLÄCHE FÜR DIE KOMPLETT MIT ZUBEHÖR KOMPOSITION.

MAXIMUM AFMETINGEN, GEWICHT EN OPPERVLAKTE VAN DE COMPOSITIE, COMPLEET MET ACCESSOIRES.

DIMENSIONES, PESO Y SUPERFICIE MAXIMA DE OCUPACION, DEL CNJUNTO EQUIPADO CON ACCESORIOS.

MAKS. MÅL, VÆGT OG OVERFLADE AF DEN SAMLEDE INSTALLATION INKL. TILBEHØR.

MAKSIMAL STØRRELSE, VEKT OG OMRÅDE PÅ SAMMENSETNINGEN MED TILBEHØR.

MÅTT, VIKT OCH MAX. YTTRE MÅTT FÖR UTFÖRANDET FÖRSETT MED TILLBEHÖR.

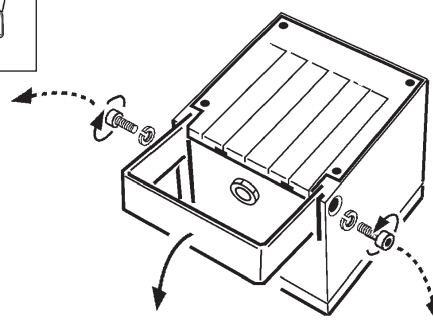
РАЗМЕРЫ, ВЕС И МАКСИМАЛЬНО ЗАНИМАЕМАЯ ПЛОЩАДЬ КОНСТРУКЦИИ, УКОМПЛЕКТОВАННОЙ ВСПОМОГАТЕЛЬНЫМИ УСТРОЙСТВАМИ.

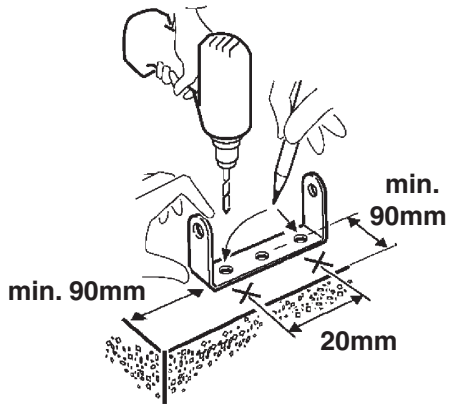
合成物最大尺寸、重量和面积，包括附件。

ART.	PESO WEIGHT POIDS GEWICHT GEWICHT PESO VÆGT VEKT VIKT BEC 重量 (Kg)	Dimensioni - Dimensions Dimensions - Abmessungen Afmetingen - Dimensiones - Mål - Mål - Mått Размеры 尺寸 b x h (m)	Superficie - Surface Surface - Oberfläche Oppervlak - Superficie Overflade - Overflate Yta Поверхность 面积 (mq)
BJ88 - BJ89 BJ90 - BJ91 BJ92 - BJ93 BJ94 - BJ95 BJ96 - BJ97 BJ98 - BJ99 BK00 - BK01 BK02 - BK03 BK04 - BK05 BK06 - BK07 BK08 - BK09 BK10 - BK11 BK12 - BK13 BK14 - BK15 BK16 - BK17	0,260	0,05 x 0,05	0,003

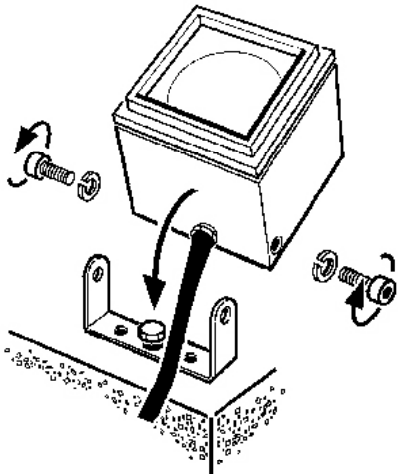
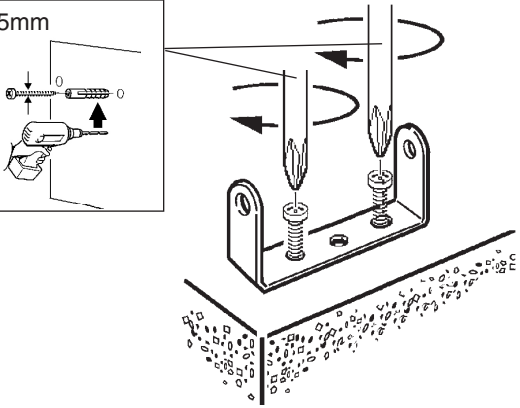


art. BJ88 - BJ89 - BJ90 - BJ91  
BJ92 - BJ93 - BJ94 - BJ95  
BJ96 - BJ97 - BJ98  
BJ99 - BK00 - BK01

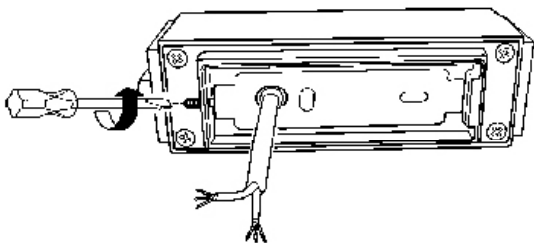




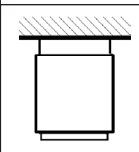
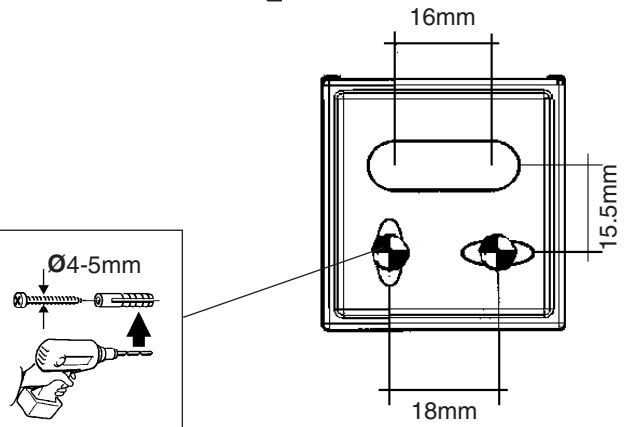
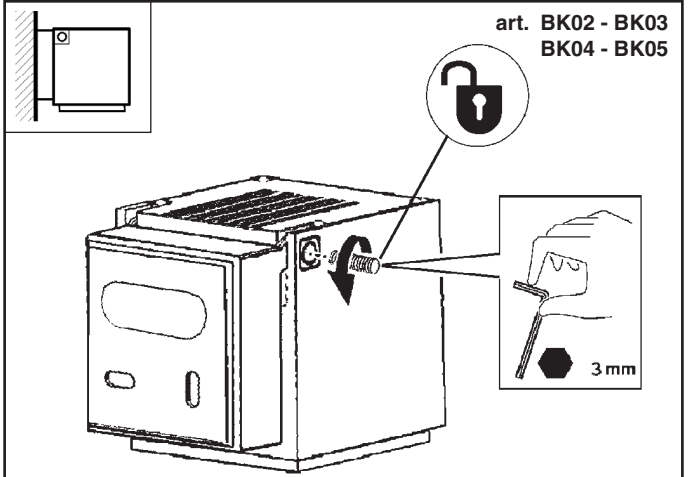
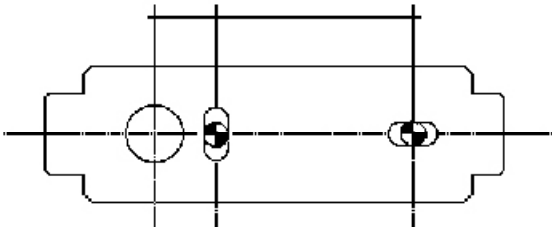
Ø2,9-3,5mm



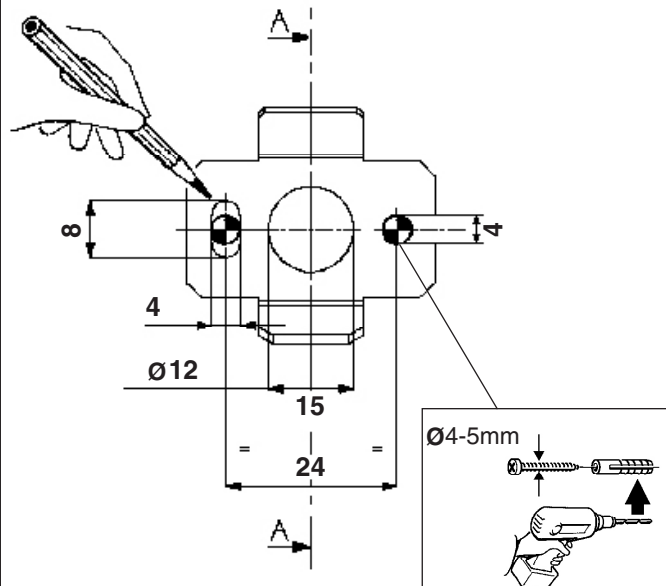
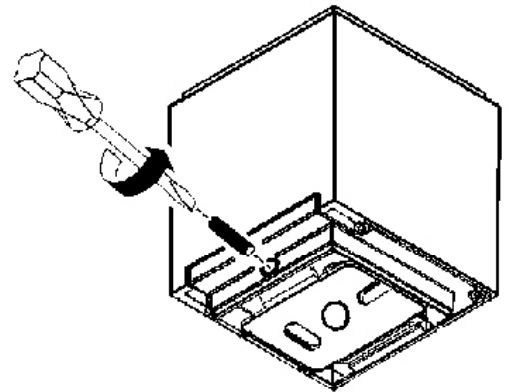
art. BK08 - BK09 - BK10  
BK11 - BK12 - BK13

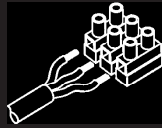


15mm 48mm



art. BK06  
BK07



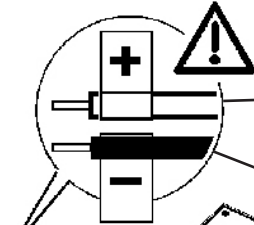


500 mA

art. BJ88 - BJ89 - BJ94  
BJ95 - BJ96 - BJ97  
BJ98 - BJ99

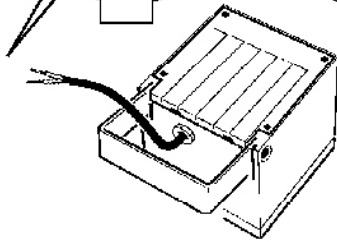
500 mA  
700 mA

art. BJ90 - BJ91 - BJ92  
BJ93 - BK00 - BK01

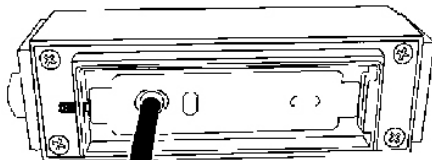


MARRONE BRUN  
BROWN BRUN  
MARRON BRUN  
BRAUN КОРИЧНЕВЫЙ  
BRUIN 棕色  
MARRÓN

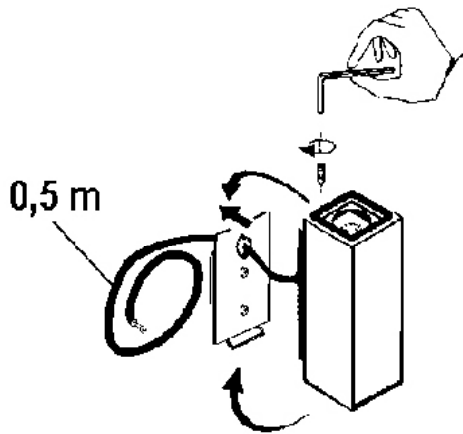
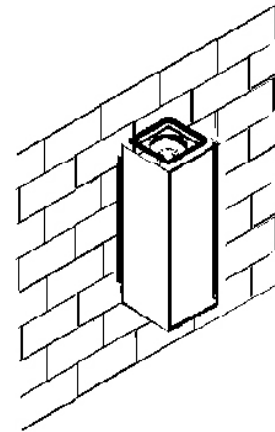
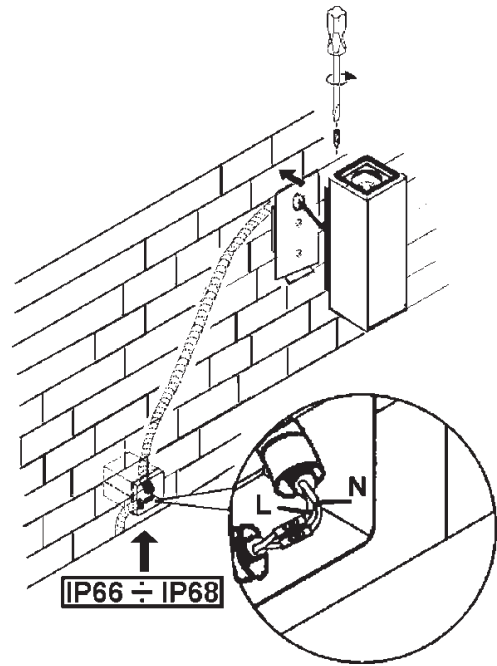
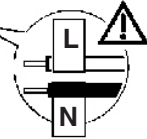
BLU BLÀ  
BLUE BLÀ  
BLEU BLÀ  
BLAU СИНИЙ  
BLAUW 蓝色  
AZUL



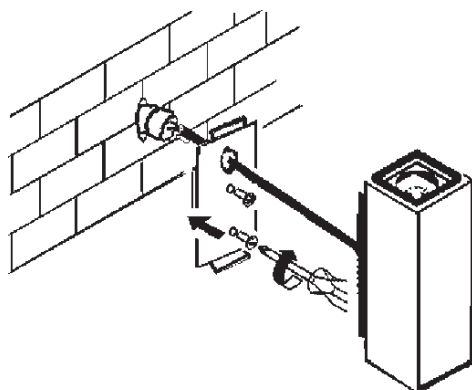
art. BK08 - BK09 - BK10  
BK11 - BK12 - BK13



220/240V



0,5 m

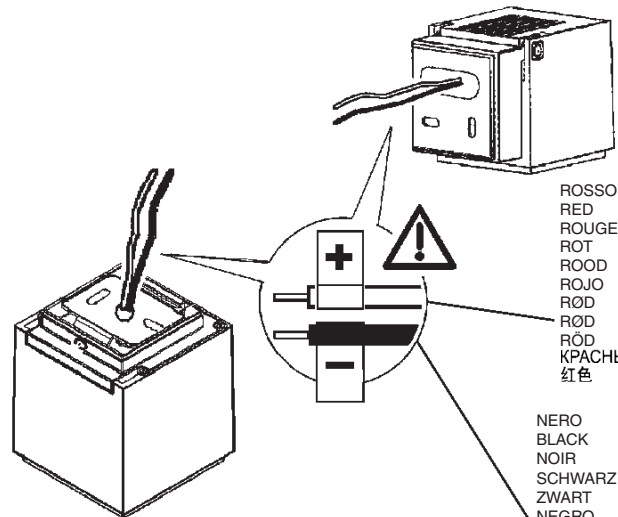


500 mA

art. BK02 - BK03  
BK06 - BK07

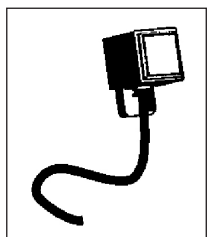
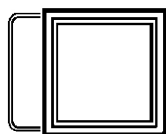
500 mA  
700 mA

art. BK04 - BK05

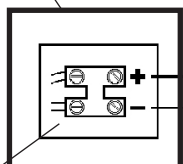


ROSSO  
RED  
ROUGE  
ROT  
ROOD  
ROJO  
RØD  
RØD  
RØD  
RØD  
КРАСНЫЙ  
红色

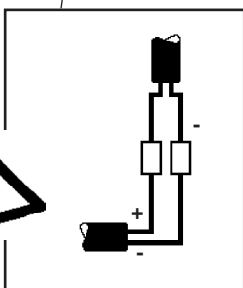
NERO  
BLACK  
NOIR  
SCHWARZ  
ZWART  
NEGRO  
SORT  
SVART  
SVART  
ЧЕРНЫЙ  
黑色



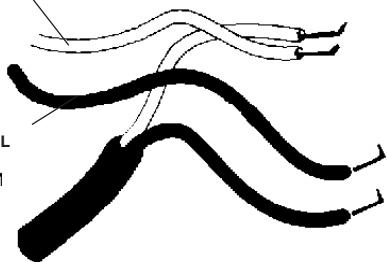
art.9582



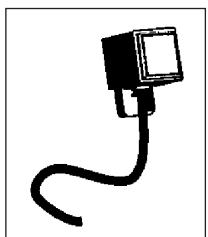
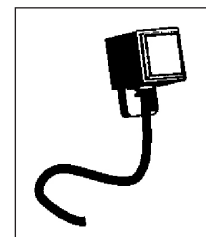
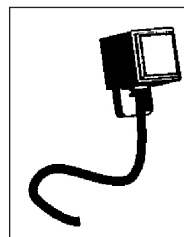
ALIMENTATORE  
 BALLAST  
 BALLAST  
 VORSCHALTGERÄT  
 VOORSCHAKELAPPARAAT  
 ALIMENTADOR  
 STRØMFORSYNINGSENHED  
 BALLAST  
 STRØMFORSYNINGSA-  
 NORDNING  
 БЛОК ПИТАНИЯ  
 电源  
 art.  
 BZ98 (6W)  
 BZ99 (12W)  
 BZA0 (20W)  
 MXF9 (17W)



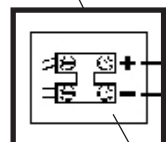
MARRONE - BROWN  
 MARRON - BRAUN  
 BRUIN - MARRÓN  
 BRUN - BRUN  
 BRUN - КОРИЧНЕВЫЙ  
 棕色 (+)



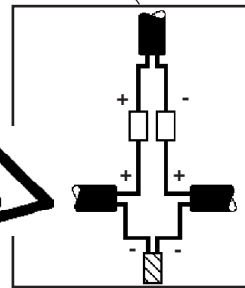
BLU - BLUE  
 BLEU - BLAU  
 BLAUW - AZUL  
 BLÁ - BLÁ  
 BLÁ - СИНИЙ  
 蓝色 (-)



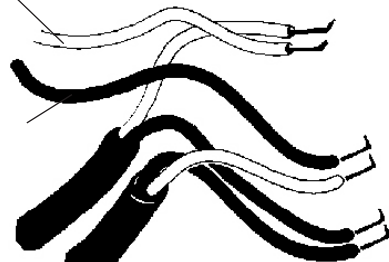
art.9582



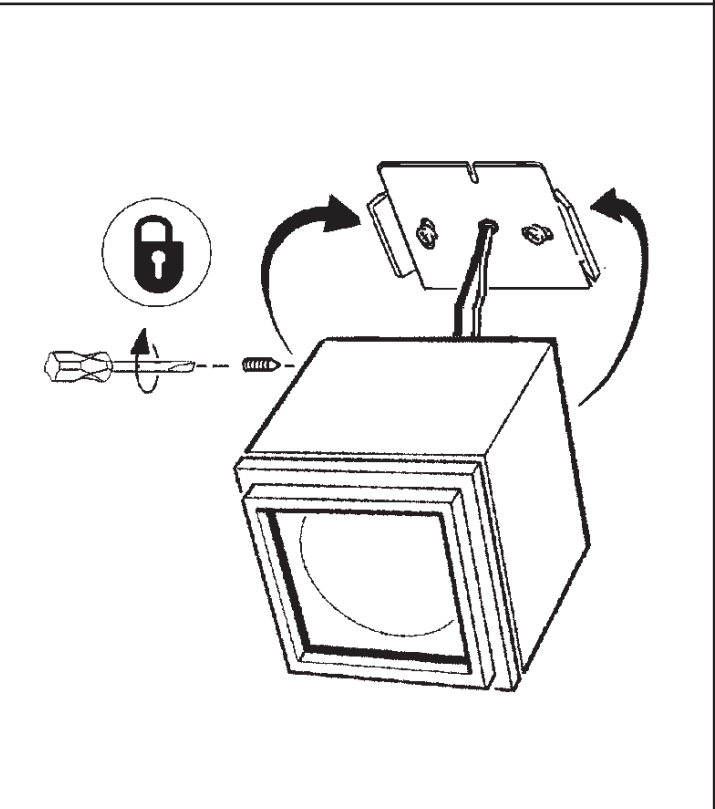
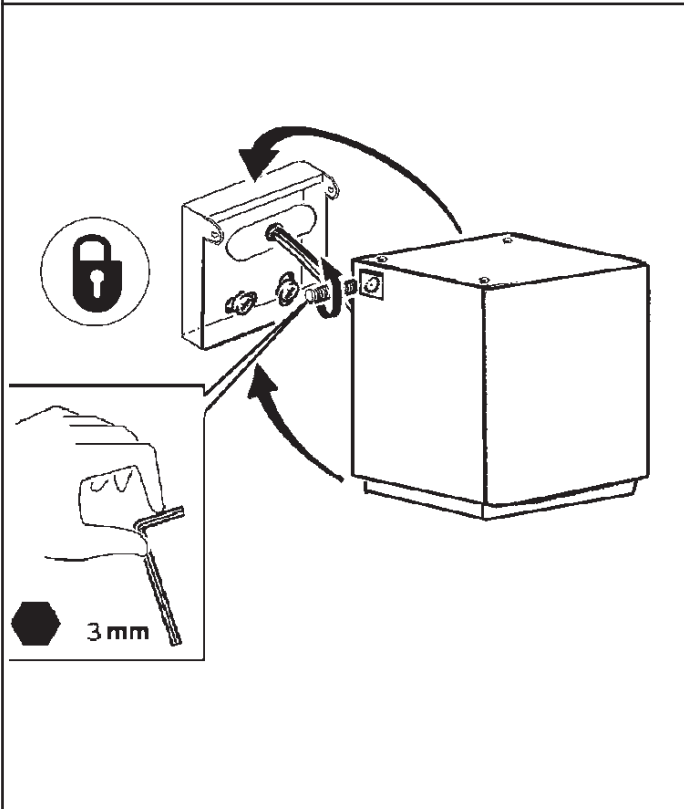
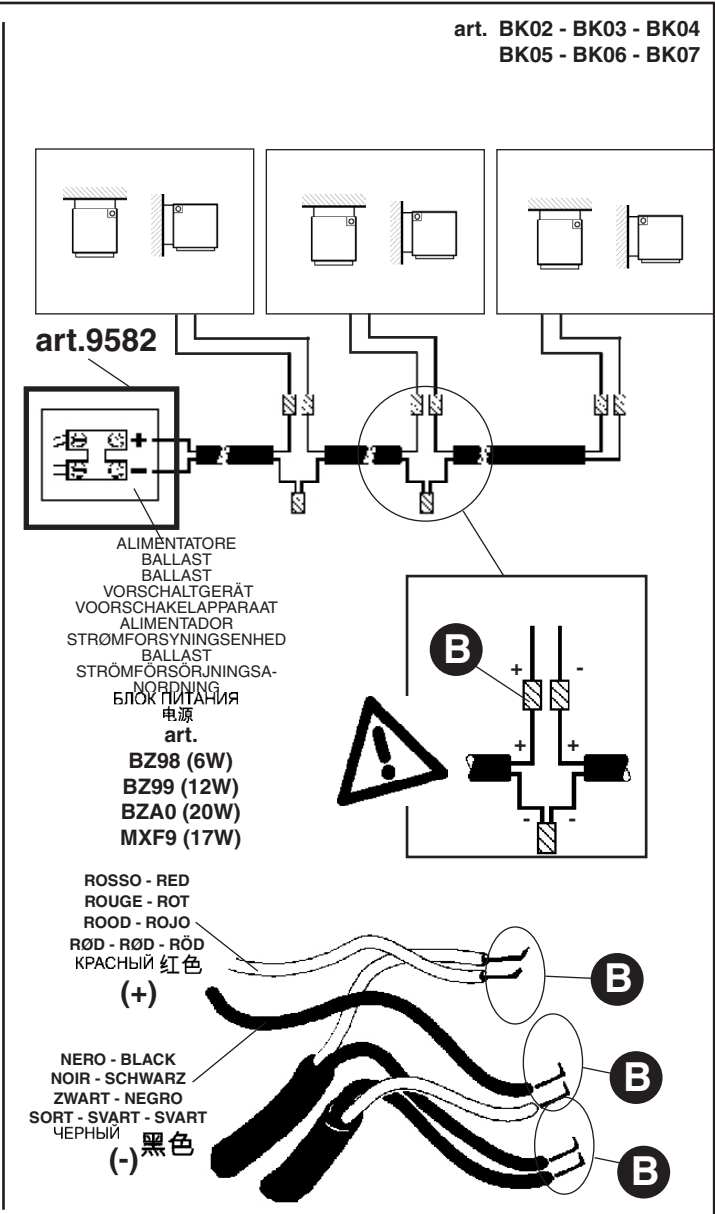
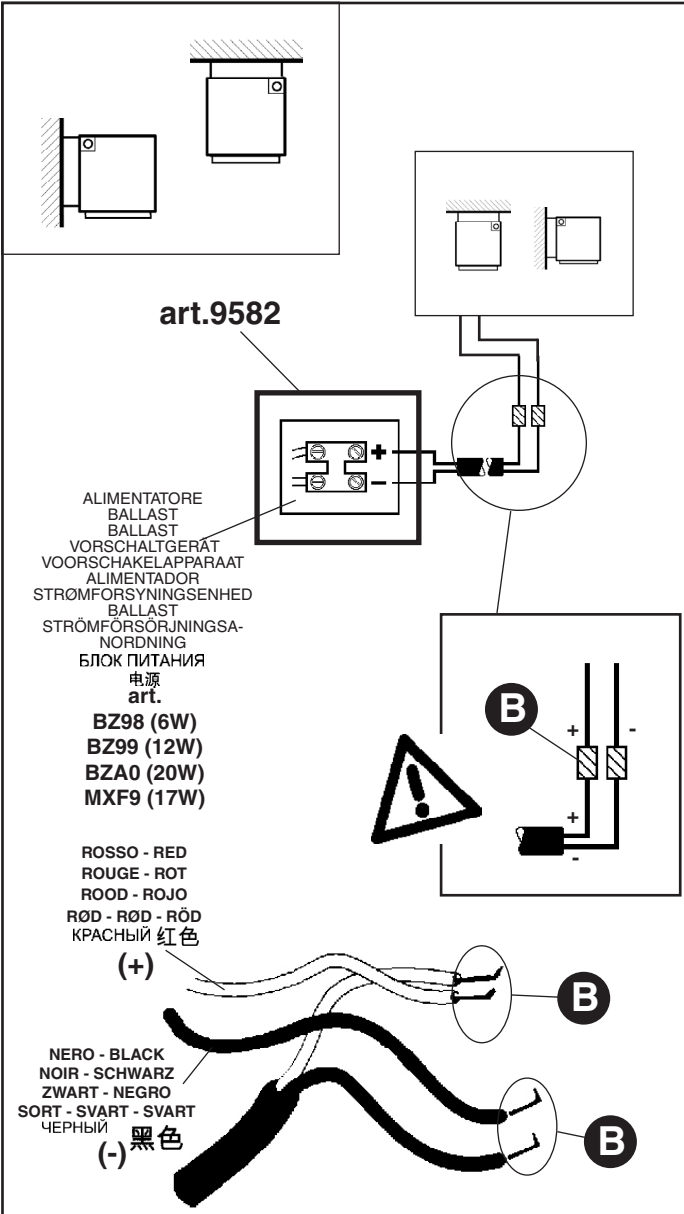
ALIMENTATORE  
 BALLAST  
 BALLAST  
 VORSCHALTGERÄT  
 VOORSCHAKELAPPARAAT  
 ALIMENTADOR  
 STRØMFORSYNINGSENHED  
 BALLAST  
 STRØMFORSYNINGSA-  
 NORDNING  
 БЛОК ПИТАНИЯ  
 电源  
 art.  
 BZ98 (6W)  
 BZ99 (12W)  
 BZA0 (20W)  
 MXF9 (17W)



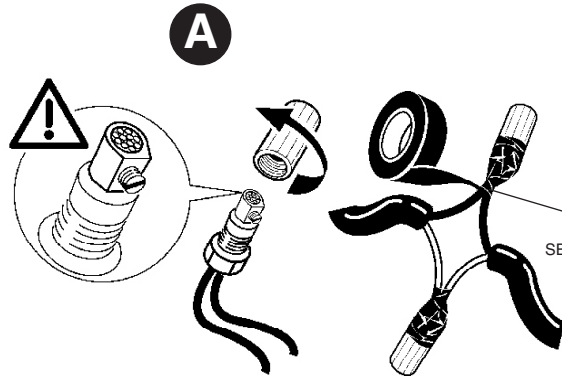
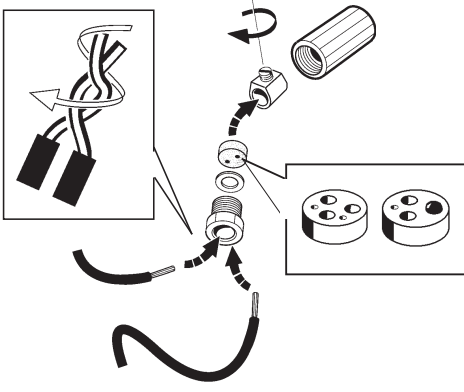
MARRONE - BROWN  
 MARRON - BRAUN  
 BRUIN - MARRÓN  
 BRUN - BRUN  
 BRUN - КОРИЧНЕВЫЙ  
 棕色 (+)



BLU - BLUE  
 BLEU - BLAU  
 BLAUW - AZUL  
 BLÁ - BLÁ  
 BLÁ - СИНИЙ  
 蓝色 (-)

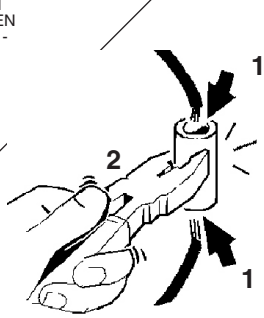


art. 9581

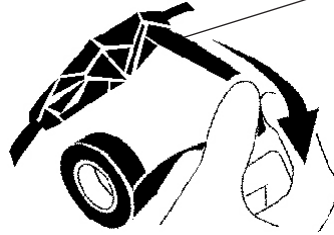


NASTRO AUTOAGGLOMERANTE  
 SELF-VULCANISING TAPE  
 RUBAN AUTO-SOUDABLE  
 SELBSTHAFTBAND - (Klebefilm SCOTCH 23 3M)  
 ZELFFUSERENDE TAPE  
 CINTA AUTOAGLOMERANTE  
 (SCOTCH 23 3M)  
 SELVKLÆBENDE BÅND  
 SELVVULKANISERENDE TAPE  
 SJÄLVBINDANDE BAND  
 САМОПЛАСТИФИЦИРУЮЩАЯ ЛЕНТА  
 自硫化带

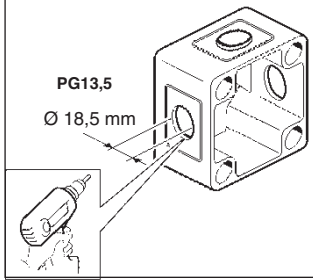
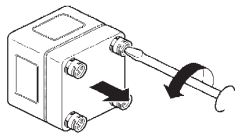
STAGNARE - COAT WITH TIN  
 ETAMER - VERZINNEN  
 -VERTINNEN - ESTANAR -  
 FORSEGLE - LÖD  
 ЛУЖЕНЫЕ 锡焊



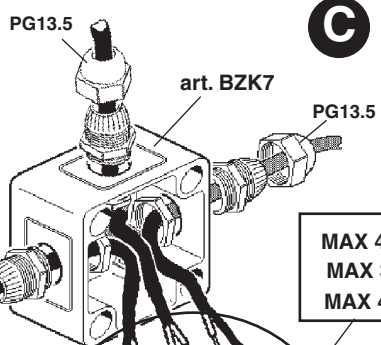
B



NASTRO AUTOAGGLOMERANTE  
 SELF-VULCANISING TAPE  
 RUBAN AUTO-SOUDABLE  
 SELBSTHAFTBAND - (Klebefilm  
 SCOTCH 23 3M)  
 ZELFFUSERENDE TAPE  
 CINTA AUTOAGLOMERANTE  
 (SCOTCH 23 3M)  
 SELVKLÆBENDE BÅND  
 SELVVULKANISERENDE TAPE  
 SJÄLVBINDANDE BAND  
 САМОПЛАСТИФИЦИРУЮЩАЯ ЛЕНТА  
 自硫化带



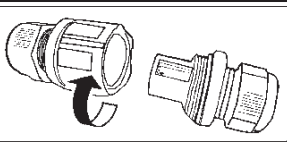
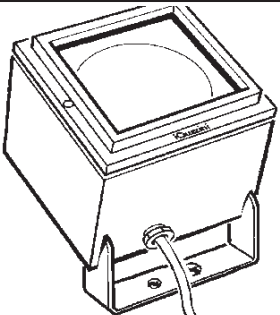
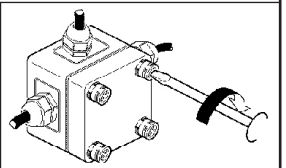
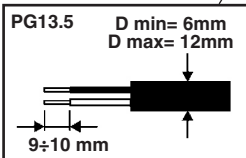
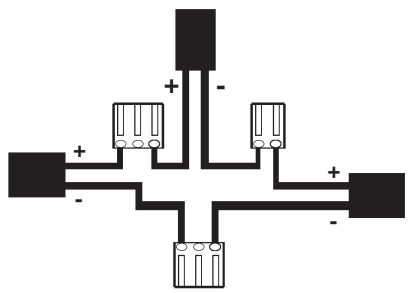
ALIMENTAZIONE  
 POWER SUPPLY  
 ALIMENTATION  
 ZUFUHR  
 VOEDING  
 ALIMENTACION  
 STRÖMFORSYNING  
 STRÖMFORSYNING  
 ELFÖRSÖRJNING  
 ЭЛЕКТРОПИТАНИЕ  
 电源



C

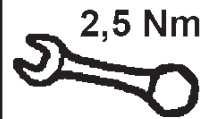
art. BZK7

MAX 4 mm  
 MAX 32 A  
 MAX 400V



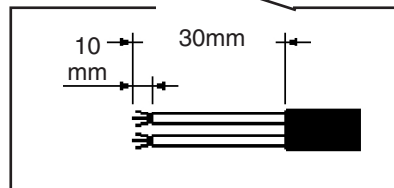
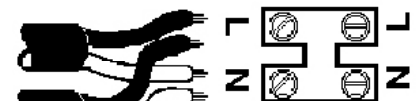
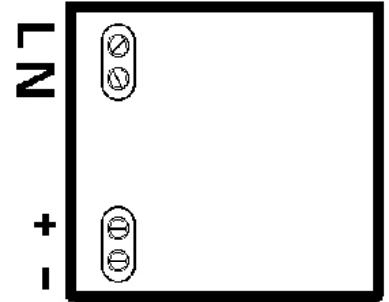
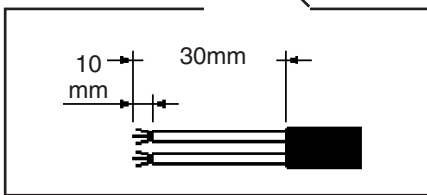
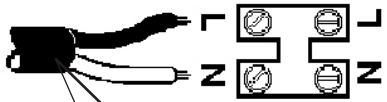
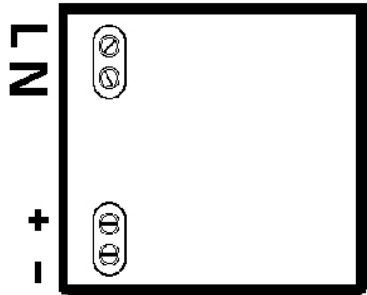
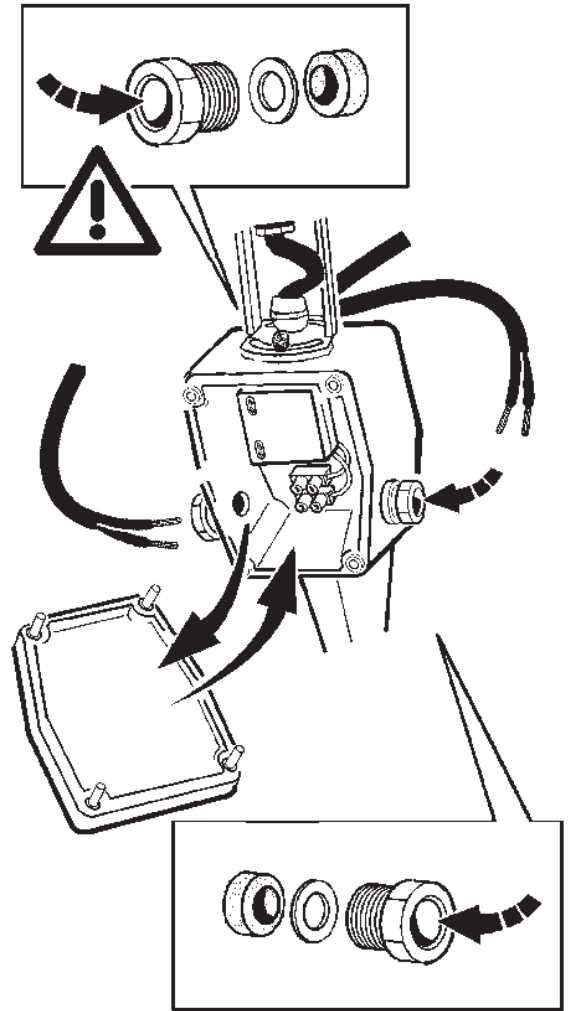
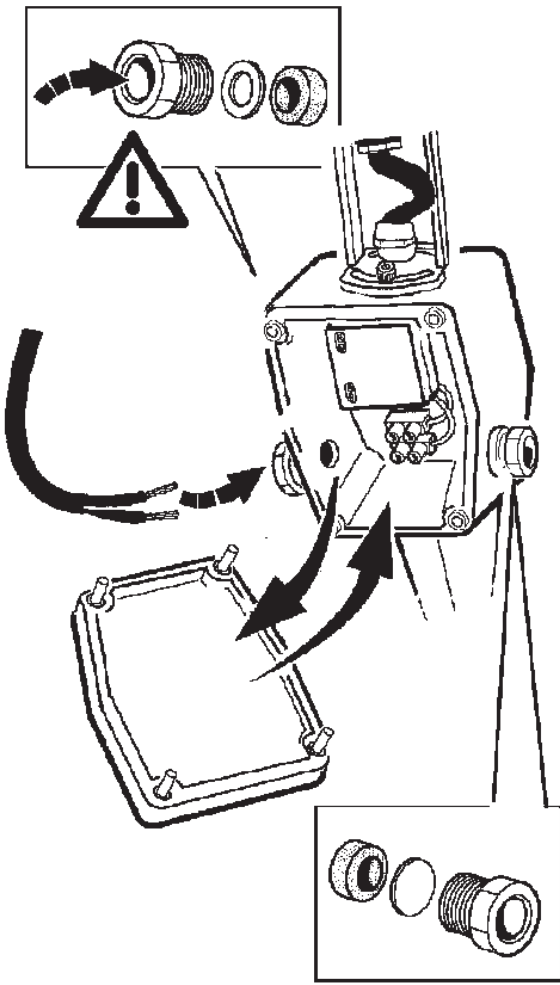
D

art. BZK6

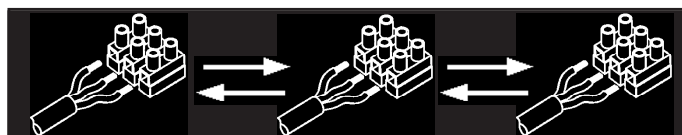


MAX 2,5 mm<sup>2</sup>

D (mm)	Diagram
6,5 ÷ 8 mm	
8 ÷ 9 mm	
9 ÷ 13 mm	



<b>ART.</b>	fattore di potenza power factor facteur de puissance Leistungsfaktor vermogensfactor factor de potencia effektfaktor effektfaktor effektfaktor фактор мощности 功率因数	corrente assorbita absorbed current courant absorbé Stromaufnahme Stromaufnahme corriente absorbida absorberet strøm absorberet strøm tillförd ström поглощаемая мощность 电源电流 (A)
<b>BK08 - BK09</b> <b>BK10 - BK11</b> <b>BK12 - BK13</b> <b>BK14 - BK15</b> <b>BK16 - BK17</b>	<b>0,35</b>	<b>0,08</b>



ART.	(W)	Sezione Section Section Querschnitt Doorsnede Sección Snit Avsnitt Tvårsnitt ЛАМПА 安装区域 mm <sup>2</sup>	ALIMENTATORE BALLAST BALLAST VORSCHALTGERÄT VOORSCHAKELAPPARAAT ALIMENTADOR STRØMFORSYNINGSENHED BALLAST STRÖMFÖRSÖRJNINGSANORDNING БЛОК ПИТАНИЯ 电源							
			art. BZ98 (6W) 500 mA		art. BZ99 (12W) 500 mA		art. BZA0 (17W) 500 mA		art. MXF9 (17W) 700 mA	
			max N°	L (m)	max N°	L (m)	max N°	L (m)	max N°	L (m)
BJ90 - BJ91 BJ92 - BJ93 BK00 - BK01 BK04 - BK05	1,6 ÷ 2,2	1,5 mm <sup>2</sup>	/	/	/	/	7	54		
		2,5mm <sup>2</sup>	/	/	/	/	7	90		
		4 mm <sup>2</sup>	/	/	/	/	7	135		
BJ88 - BJ89 BJ94 - BJ95 BJ96 - BJ97 BJ98 - BJ99 BK06 - BK07 BK02 - BK03	4,8	1,5 mm <sup>2</sup>	1	110	2	221	3	300	/	/
		2,5 mm <sup>2</sup>	1	184	2	368	3	510	/	/
		4 mm <sup>2</sup>	1	276	2	553	3	750	/	/

I Le condizioni ottimali di funzionamento dell'apparecchio sono garantite soltanto per oscillazioni della tensione in uscita dall'alimentatore del  $\pm 2\%$  rispetto al valore nominale. La conformità alla norma è garantita soltanto utilizzando trasformatori iGuzzini (art.: BZ98 - BZ99 - BZA0 - MXF9) od equivalenti di tipo SELV che rispondano alle vigenti norme C.E.I.

GB Optimum operating condition for the fitting is ensured only if the oscillations of the ballast output voltage are  $\pm 2\%$  the nominal value. Compliance with the regulation is ensured only if either iGuzzini transformers (art.: BZ98 - BZ99 - BZA0 - MXF9) or equivalent transformers (SELV type) meeting the C.E.I. regulations in force are used.

F Les conditions optimales de fonctionnement de l'appareil ne sont assurées que pour des oscillations de la tension de sortie du ballast de  $\pm 2\%$  par rapport à la valeur nominale. La conformité à la norme n'est assurée qu'en cas d'utilisation de transformateurs iGuzzini (réf.: BZ98 - BZ99 - BZA0 - MXF9) ou équivalents type SELV conformes aux normes C.E.I.

D Die optimalen Funktionsbedingungen der Leuchte sind nur bei Schwankungen der Vorschaltgeräte-Ausgangsspannung um  $\pm 2\%$  im Vergleich zum Sollwert gewährleistet. Die Übereinstimmung mit den Vorschriften ist nur bei Verwendung von iGuzzini-Transformatoren (Art.: BZ98 - BZ99 - BZA0 - MXF9) oder gleichwertigen des Typs SELV, die den gültigen CEI-Bestimmungen entsprechen, gewährleistet.

NL De optimale condities voor de werking van het apparaat zijn alleen gegarandeerd voor uitgaande spanningsvariëaties van  $\pm 2\%$  ten opzichte van de nominale waarde van het voorschakelapparaat. De conformiteit aan de norm wordt alleen gegarandeerd als u iGuzzini voorschakelapparaten gebruikt (art.: BZ98 - BZ99 - BZA0 - MXF9) of overeenkomstige, van het type SELV, die aan de geldende C.E.I. normen voldoen.

E Las condiciones de funcionamiento optimales del aparato se garantizan solamente con oscilaciones de la tensión de salida del alimentador de  $\pm 2\%$  respecto al valor nominal. La conformidad a la norma se garantiza solamente con el uso de transformadores iGuzzini (art. BZ98 - BZ99 - BZA0 - MXF9) o equivalentes de tipo SELV que cumplen las normas vigentes C.E.I.

DK Armaturet kan kun fungere optimalt, hvis det maksimale udgangsspændingsudsving ligger mellem  $\pm 2\%$  i forhold til den nominelle værdi. Opfyldelse af reglerne garanteres kun ved brug af transformatorer fra iGuzzini (art.: BZ98 - BZ99 - BZA0 - MXF9) eller lignende af typen SELV, der opfylder de gældende CEI-regler.

N Optimal driftsbetingelse for armaturen sikres kun hvis svingningene av ballastens utmatingspenninng er  $\pm 2\%$  av nominell verdi. Overhold av regulasjonen sikres kun hvis enten iGuzzini-transformere (art. BZ98 - BZ99 - BZA0 - MXF9) eller tilsvarende transformere (SELV-type) som møter C.E.I.-s kravene som gjelder brukes.

S Utrustningens optimala driftförhållanden garanteras endast vid en matningsspänningsoscillation vid utgången på  $\pm 2\%$  i förhållande till nominellt värde. Överensstämmelse med standard garanteras endast genom att använda transformatorer av typ iGuzzini (art.: BZ98 - BZ99 - BZA0 - MXF9) eller motsvarande av typ SELV som överensstämmer med gällande C.E.I.-standard.

RUS Оптимальные рабочие условия прибора гарантируются только в случае колебания напряжения на выходе из блока питания на  $\pm 2\%$  по отношению к номинальному значению. Соответствие нормативу гарантируется только при использовании трансформаторов iGuzzini (арт. BZ98 - BZ99 - BZA0 - MXF9) или подобных типа SELV, отечающих требованиям действующих нормативов ЕЭС.

CN 仅在镇流器输出电压浮动度为正常值的 $\pm 2\%$ 时,能保证装置的最佳运行条件.仅在使用iGuzzini变压器(art. BZ98 - BZ99 - BZA0 - MXF9)或等效变压器(SELV类型)符合C.E.I.规定时,可保证符合标准.

I Per progetti d'impianto personalizzati l'azienda iGuzzini fornisce, previa documentazione necessaria, i dati relativi al numero dei prodotti installabili e la lunghezza dei cavi, in funzione dell'alimentatore e del tipo di cavo utilizzato.

GB For customised installation projects iGuzzini is able to supply - accompanied by the necessary documentation - the details of the number of installable products and the length of the cables based on the ballast and type of cable used.

FR Pour des projets d'installation personnalisés, veuillez transmettre la documentation nécessaire à l'entreprise iGuzzini, qui s'occupera d'indiquer le nombre de produits à installer ainsi que la longueur des câbles, en fonction du ballast et du type de câble utilisés.

DE Für personalisierte Anlagenprojekte liefert das Unternehmen iGuzzini nach Vorlage der erforderlichen Dokumentation die Angaben bezüglich der Anzahl der installierbaren Leuchten sowie die Kabellänge in Abhängigkeit vom Vorschaltgerät und von der Art des verwendeten Kabels.

NL Na ontvangst van het benodigde documentatiemateriaal kan het bedrijf iGuzzini bij gepersonaliseerde installatie-ontwerpen informatie verschaffen betreffende het aantal installeerbare producten en de lengte van de kabels voor het voorschakelapparaat, aan de hand van het type kabel wat gebruikt zal worden.

E Para proyectos personalizados y previo conocimiento de la documentación necesaria, iGuzzini puede suministrar datos sobre el número de productos a instalar y la longitud de los cables en función de alimentador y tipo de cable utilizado.

DK Ved skræddersyede anlæg fremsender iGuzzini dokumentation med alle oplysninger vedrørende antallet af produkter, der kan installeres, og kabellængde, alt efter typen af strømforsyning og kabel.

N For spesialtilpassede installasjonsprosjekter er iGuzzini i stand til å levere - sammen med den nødvendige dokumentasjonen - detaljene på installerbare produkter og lengden på kablene basert på ballast og type kabel som brukes.

S För kundpassade installationer tillhandahåller iGuzzini (efter nödvändig dokumentation) data angående antalet produkter som kan installeras och kabellängd, beroende på typen av strömförsörjningsanordning och kabel som används.

RUS Для индивидуальных проектов осветительных систем, после получения всей необходимой документации заказчика, Компания iGuzzini предоставляет сведения о количестве изделий, которые могут быть установлены, и о длине проводов в зависимости от блока питания и от типа используемого провода.

CN 对于iGuzzini公司个性化的装配系统设计,根据所使用的供电器材以及电线的种类,提供有关文件,安装的产品数据以及电线的长度.

SOSTITUZIONE DEL LED  
REPLACING THE LED  
REEMPLACEMENT DE LA LED  
AUSTAUSCHEN DER LED  
VERVANGEN VAN DE LED  
REEMPLAZO DEL LED  
UDSKIFTNING AF LYSDIODE  
BYT AV LYSDIOD  
UTSKIFTNING AV DEN LYSEMITTERENDE DIODEN  
ЗАМЕНА СИДА  
发光二极管替换



I N.B.: Per la sostituzione del LED contattare l'azienda iGuzzini.  
**GB** N.B.: For information on LED replacement please contact iGuzzini.  
 F N.B.: Pour procéder au remplacement de la LED, adressez-vous à la société iGuzzini.  
 D Ñ.B.: Bezüglich des Austausches der LED kontaktieren Sie bitte die Firma iGuzzini.  
 NL N.B.: Voor het vervangen van de LED neemt u contact op met het bedrijf iGuzzini.  
 E NOTA: Para sustituir el LED llame a la empresa iGuzzini.  
 DK N.B.: For udskiftning af lysdioden, skal man kontakte iGuzzini.  
 N N.B.: For informasjon om skifte av LED, vennligst ta kontakt med iGuzzini.  
 S OBS! För byte av lysdioden, kontakta företaget iGuzzini.  
**RUS** ПРИМЕЧАНИЕ: Для замены СИДов обращайтесь в компанию iGuzzini.  
**CN** 注意: 如需LED更换的信息, 请联系iGuzzini.

Nella progettazione dell'impianto illuminotecnico ed elettrico, determinare le correnti massime ammissibili, considerando i seguenti fattori:  
 - 16A: corrente nominale ammessa dalle morsettiere ( BJ88 - BJ89 - BJ90 - BJ91 BJ92 - BJ93 - BJ94 - BJ95 - BJ96 - BJ97 - BJ98 - BJ99 - BK00 - BK01 - BK02 - BK03 - BK04 BK05 - BK06 - BK07 - BK14 - BK15 - BK16 - BK17 - BK08 - BK09 - BK10 - BK11 - BK12 - BK13);  
 - coefficiente di sicurezza per tenere conto delle sovratensioni e contemporaneità;  
 - corrente nominale assorbita dai singoli art.  
 E' buona norma evitare di far lavorare i conduttori dei cavi ai massimi valori.

When planning the lighting and electrical system, determine the maximum permitted current, **GB** taking into account the following factors:  
 - 16A: the nominal current permitted by terminal blocks ( BJ88 - BJ89 - BJ90 - BJ91 BJ92 - BJ93 - BJ94 - BJ95 - BJ96 - BJ97 - BJ98 - BJ99 - BK00 - BK01 - BK02 - BK03 - BK04 BK05 - BK06 - BK07 - BK14 - BK15 - BK16 - BK17 - BK08 - BK09 - BK10 - BK11 - BK12 - BK13);  
 - safety coefficient to allow for excess voltage and contemporaneity;  
 - the nominal current absorbed by single art.  
 It is recommended that the wires inside the cables are made to operate at the maximum values.

Lors de l'étude de projet de l'installation d'éclairage et de l'installation électrique, déterminer les courants maximaux admissibles en tenant compte des facteurs suivants :  
 F - 16A: courant maximal admis par les borniers ( BJ88 - BJ89 - BJ90 - BJ91 BJ92 - BJ93 - BJ94 - BJ95 - BJ96 - BJ97 - BJ98 - BJ99 - BK00 - BK01 - BK02 - BK03 - BK04 BK05 - BK06 - BK07 - BK14 - BK15 - BK16 - BK17 - BK08 - BK09 - BK10 - BK11 - BK12 - BK13);  
 - coefficient de sécurité tenant compte des surtensions et de la simultanéité;  
 - courant nominal absorbé par les différents art.  
 Il est conseillé de ne pas faire fonctionner les câbles aux valeurs maximales.

Bei der Planung einer Beleuchtungs- und Elektroanlage bestimmen Sie die zulässigen Höchstströme unter Berücksichtigung folgender Faktoren:  
 D - 16A: von den Klemmleisten zugelassener Nennstrom ( BJ88 - BJ89 - BJ90 - BJ91 BJ92 - BJ93 - BJ94 - BJ95 - BJ96 - BJ97 - BJ98 - BJ99 - BK00 - BK01 - BK02 - BK03 - BK04 BK05 - BK06 - BK07 - BK14 - BK15 - BK16 - BK17 - BK08 - BK09 - BK10 - BK11 - BK12 - BK13);  
 - Sicherheitskoeffizient zur Einbeziehung von Überspannung und Gleichzeitigkeit;  
 - von den einzelnen art. aufgenommener Nennstrom .  
 Es ist bewährte Praxis, die Leiter der Kabel möglichst nicht den Höchstwerten auszusetzen.

Bij het ontwerpen van de verlichtingstechnische en elektrische installatie moet u de maximaal toegestane stroomtoevoer vaststellen door rekening te houden met de volgende factoren:  
 NL - 16A: nominale stroom toegestaan op klemmenstroken ( BJ88 - BJ89 - BJ90 - BJ91 BJ92 - BJ93 - BJ94 - BJ95 - BJ96 - BJ97 - BJ98 - BJ99 - BK00 - BK01 - BK02 - BK03 - BK04 BK05 - BK06 - BK07 - BK14 - BK15 - BK16 - BK17 - BK08 - BK09 - BK10 - BK11 - BK12 - BK13);  
 - veiligheidscoëfficiënt om rekening te houden met overspanning en gelijktijdigheid;  
 - nominale opgenomen stroom van de enkele Art.  
 We raden u aan de kabelgeleiders nooit op maximaal vermogen te laten functioneren.

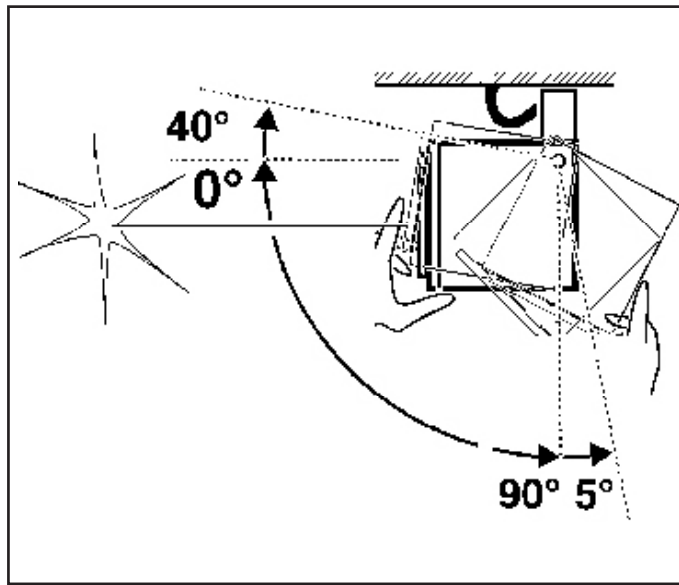
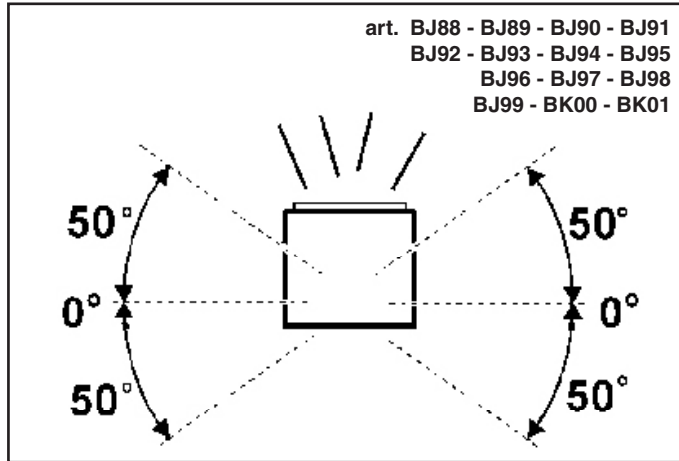
Durante la proyectación de la instalación luminotécnica y eléctrica, determinar las corrientes máximas permitidas, en consideración de los factores siguientes:  
 E - 16A: corriente nominal permitida de las borneras ( BJ88 - BJ89 - BJ90 - BJ91 BJ92 - BJ93 - BJ94 - BJ95 - BJ96 - BJ97 - BJ98 - BJ99 - BK00 - BK01 - BK02 - BK03 - BK04 BK05 - BK06 - BK07 - BK14 - BK15 - BK16 - BK17 - BK08 - BK09 - BK10 - BK11 - BK12 - BK13);  
 - coeficiente de seguridad para considerar sobretensiones y contemporaneidades;  
 - corriente nominal absorbida por los art. individuales.  
 Se aconseja evitar que los conductores de cables trabajen con valores máximos.

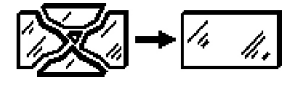
I projekteringen af det belysningstekniske og elektriske anlæg, skal man undersøge den maks. tilladte strømstyrke, idet man tager højde for følgende:  
 N - 16A: nominal tilladte strømstyrke fra klemrækkerne ( BJ88 - BJ89 - BJ90 - BJ91 BJ92 - BJ93 - BJ94 - BJ95 - BJ96 - BJ97 - BJ98 - BJ99 - BK00 - BK01 - BK02 - BK03 - BK04 BK05 - BK06 - BK07 - BK14 - BK15 - BK16 - BK17 - BK08 - BK09 - BK10 - BK11 - BK12 - BK13);  
 - sikkerhedskoefficient for at sikre mod overspænding og samtidighed  
 - nominal absorberet strømstyrke på de enkelte dele  
 Man bør undgå at udsætte ledningerne for maks. belastning.

При расчете светотехнической системы и электропроводки определите максимальный допустимый ток с учетом следующих факторов:  
**RUS** - 16А: номинальный допустимый ток, доступный в клеммных колодках;  
 ( BJ88 - BJ89 - BJ90 - BJ91 BJ92 - BJ93 - BJ94 - BJ95 - BJ96 - BJ97 BJ98 - BJ99 - BK00 - BK01 - BK02 - BK03 - BK04 BK05 - BK06 - BK07 BK14 - BK15 - BK16 - BK17 - BK08 - BK09 - BK10 - BK11 - BK12 - BK13);  
 - коэффициент безопасности для учета перенапряжения и одновременного включения;  
 - номинальный ток, поглощаемый отдельными изделиями.  
 Не следует подвергать провода кабелей рабочему режиму с максимальными значениями.

设计电器、照明设备的时候必须参照下列数据, 确定允许的最大电流:  
**CN** - 16A: 接头允许的额定电流  
 (BJ88 - BJ89 - BJ90 - BJ91 BJ92 - BJ93 - BJ94 - BJ95 - BJ96 - BJ97 BJ98 - BJ99 - BK00 - BK01 - BK02 - BK03 - BK04 BK05 - BK06 - BK07 BK14 - BK15 - BK16 - BK17 - BK08 - BK09 - BK10 - BK11 - BK12 - BK13);  
 - 为监控电压与同时性的安全系数;  
 - 每个组件的额定吸收电流。  
 请避免让电缆的导体在最高数据下运行。

**ORIENTAMENTO DEL VANO OTTICO - ADJUSTING THE POSITION OF THE OPTICAL ASSEMBLY**  
**ORIENTATION DU GROUPE OPTIQUE - AUSRICHTEN DES LAMPENANSCHLUSSES**  
**HET RICHTEN VAN HET VERLICHTINGSARMATUUR - ORIENTABILIDAD DE LA OPTICA**  
**INDSTILLING AF DEN OPTISKE ENHED - ОРИЕНТАЦИЯ ЛАМПОВОГО ОТСЕКА**  
**OPTISKE RUM 可调光的位置**





I In caso di rottura del vetro il prodotto non può essere utilizzato, contattare il costruttore per la sua sostituzione.  
**GB** Should the glass break, the product cannot be used. Contact the manufacturer about its replacement.  
 F En cas de cassure du verre, ne pas utiliser le produit et contacter aussitôt le fabricant pour son remplacement.  
 D Im Falle einer Beschädigung des Glases darf das Produkt nicht verwendet werden. Setzen Sie sich bitte mit dem Hersteller in Verbindung, der für den Ersatz sorgen wird.  
 NL In geval het glas gebroken is kan het product niet worden gebruikt. Neem contact op met de fabrikant voor de vervanging van het glas.  
 E En caso de ruptura del cristal no utilizar el producto y contactar el fabricante para la sustitución.  
 DK Hvis produktets glas ødelægges, kan det ikke anvendes. Kontakt forhandleren med henblik på udskiftning.  
 N I tilfelle glasset går i stykker kan produktet ikke tas i bruk, kontakt produsenten for utskifting av det.  
 S Om glaset går sönder kan inte produkten användas. Kontakta tillverkaren för att byta ut glaset.  
**RUS** В случае разбивания стекла не используйте прибор, обратитесь к его производителю для замены.  
**CN** 一旦玻璃破碎后产品将不能再使用, 须联系生产商予以更换。

N.B.: DURANTE L'INSTALLAZIONE DEL SISTEMA "IPRO" RISPETTARE SCRUPOLOSAMENTE LE NORME IMPIANTISTICHE NAZIONALI VIGENTI.

N.B.: WHEN INSTALLING THE "IPRO" SYSTEM, MAKE SURE ALL CURRENT NATIONAL REGULATIONS RELATING TO INSTALLATION ARE OBSERVED.

N.B.: LORS DE L'INSTALLATION DU SYSTÈME "IPRO" VEUILLEZ RESPECTER RIGORÉUSEMENT LES NORMES EN VIGUEUR EN LA MATIÈRE DANS LE PAYS.

N.B.: BEACHTEN SIE BEI DER INSTALLATION DES SYSTEMS "IPRO" UNBEDINGT DIE IM LAND GELTENDEN ANLAGETECHNISCHEN VORSCHRIFTEN.

N.B.: BIJ HET INSTALLEREN VAN HET "IPRO" SYSTEEM MOET U DE GELDENDE NATIONALE INSTALLATIENORMEN STRIKT NALEVEN.

NOTA: DURANTE LA INSTALACIÓN DEL SISTEMA "IPRO" RESPETAR ESCRUPULOSAMENTE LAS NORMAS NACIONALES DE INSTALACIÓN EN VIGOR.

N.B.: UNDER INSTALLATION AF "IPRO" SYSTEMET SKAL MAN NØJE OVERHOLDE DE GÆLDENDE REGLER FOR DISSE ANLÆG.

N.B.: UNDER INSTALLASJON AV SYSTEMET "IPRO" MÅ DE NASJONALE ANLEGGSFORSKRIFTENE OVERHOLDES NØYE.

OBS! UNDER INSTALLATIONEN AV SYSTEMET "IPRO" SKA GÄLLANDE NATIONELLA INSTALLATIONSFÖRESKRIFTER RESPEKTERAS I DETALJ.

**ПРИМЕЧАНИЕ: В ПРОЦЕССЕ МОНТАЖА СИСТЕМЫ " IPRO " СТРОГО СОБЛЮДАЙТЕ НАЦИОНАЛЬНЫЕ ДЕЙСТВУЮЩИЕ НОРМАТИВЫ ПО ЭЛЕКТРОПРОВОДКЕ.**

**注意: 在安装 " IPRO " 系统时请遵守设备的安装规定.**

I L'altezza massima di installazione è di m 15.

GB The maximum installation height is 15 m.

F La hauteur maximum d'installation est de 15 m.

D Die maximale Installationshöhe beträgt 15 m.

NL De maximum hoogte van installeren is 15 m.

E La altura máx. de instalación es de 15 m.

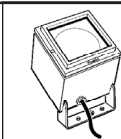
DK Minimumshøjden ved installation er 15 m.

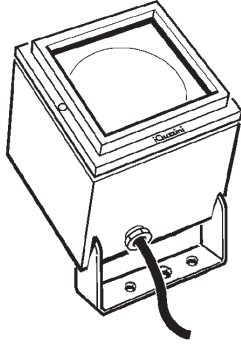
N Maksimal installasjonshøyde er 15 meter.

S Max. installationshöjd är 15 m.

RUS Максимальная высота установки 15 м.

CN 安装的最高高度是15米。





**iPRO LED  
(MICRO)**

**تحذير :**

لا يمكن ضمان سلامة هذا الجهاز إلا إذا التزمت بهذه التعليمات. يجب حفظها في مكان آمن.

**ATTENZIONE:**

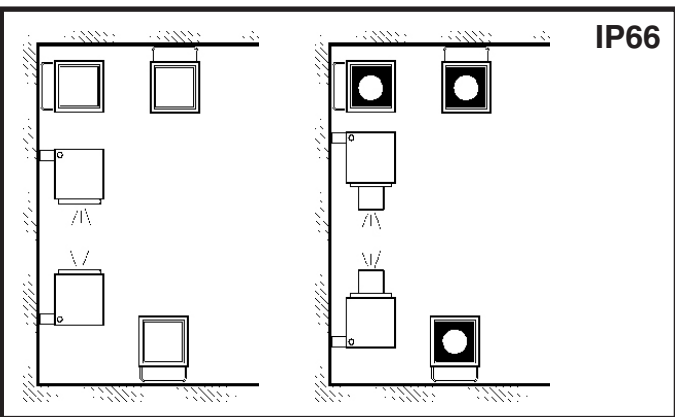
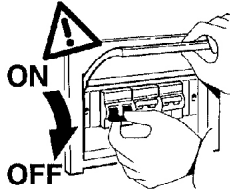
LA SICUREZZA DELL'APPARECCHIO E' GARANTITA SOLO CON L'USO APPROPRIATO DELLE SEGUENTI ISTRUZIONI; PERTANTO E' NECESSARIO CONSERVARLE.

**WARNING:**

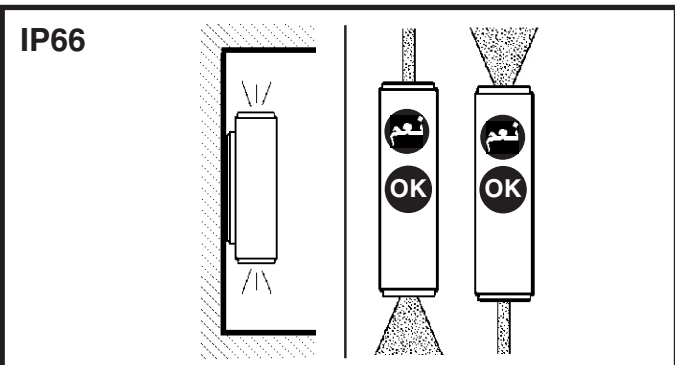
THE SAFETY OF THIS FIXTURE IS GUARANTEED ONLY IF YOU COMPLY WITH THESE INSTRUCTIONS; REMEMBER TO CONSERVE IN A SAFE PLACE.

**ATENCION:**

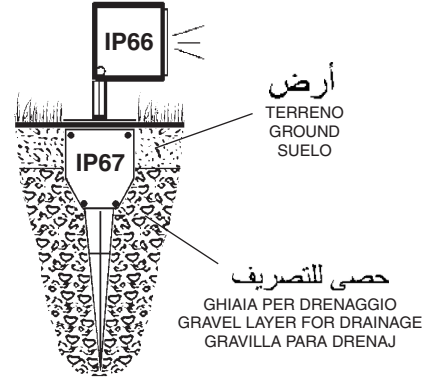
LA SEGURIDAD DEL APARATO SE GARANTIZA SOLO CUMPLIENDO CUIDADOSAMENTE LAS SIGUIENTES INSTRUCCIONES; POR ELLO, ES NECESARIO CONSERVARLAS.



**IP66**



**IP66**



**أقصى حجم ووزن ووسطح للتركيب بالملحقات**

DIMENSIONI, PESO E SUPERFICIE DI MASSIMO INGOMBRO, DELLA COMPOSIZIONE COMPLETA DI ACCESSORI.

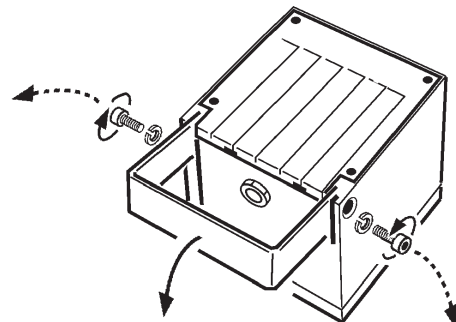
MAXIMUM SIZE, WEIGHT AND AREA OF THE COMPOSITION COMPLETE WITH AND ACCESSORIES.

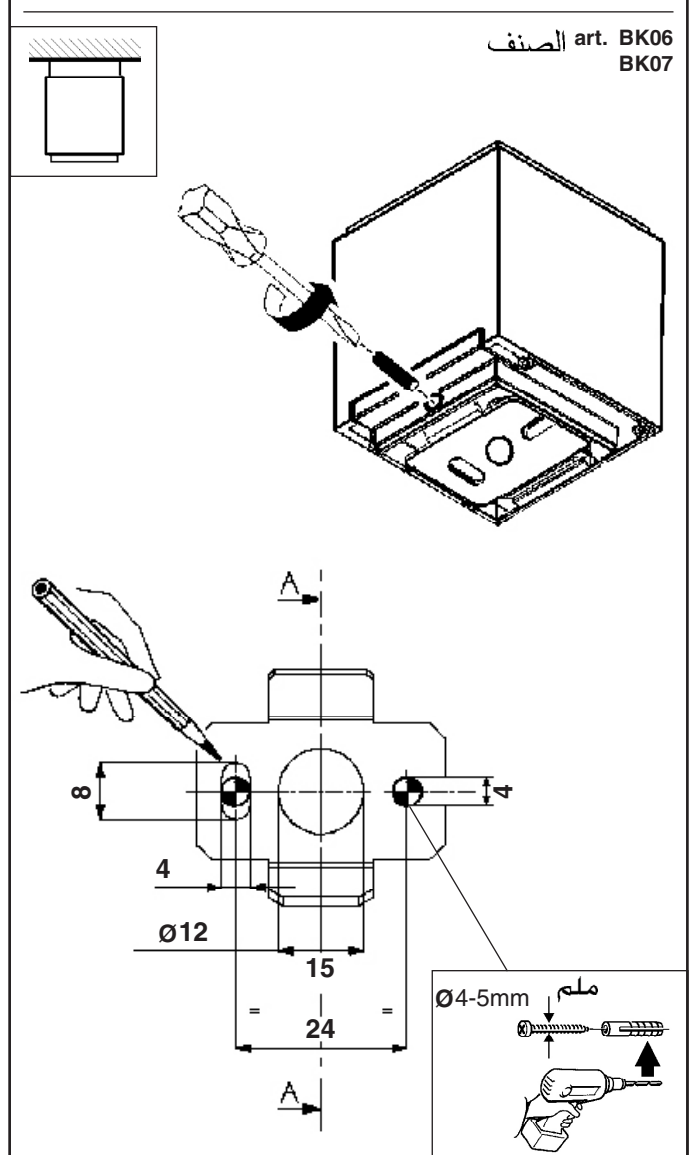
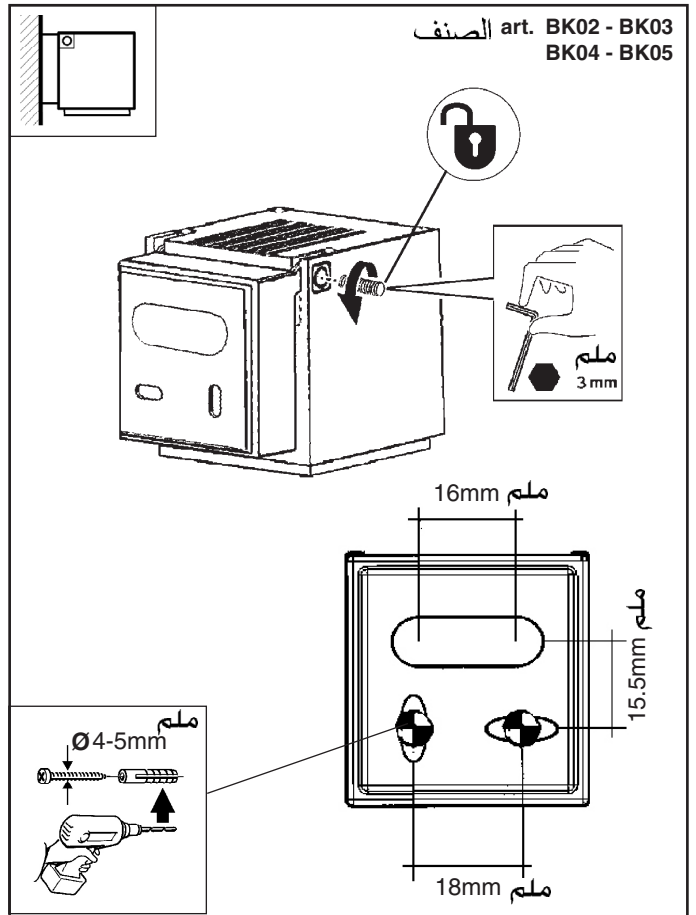
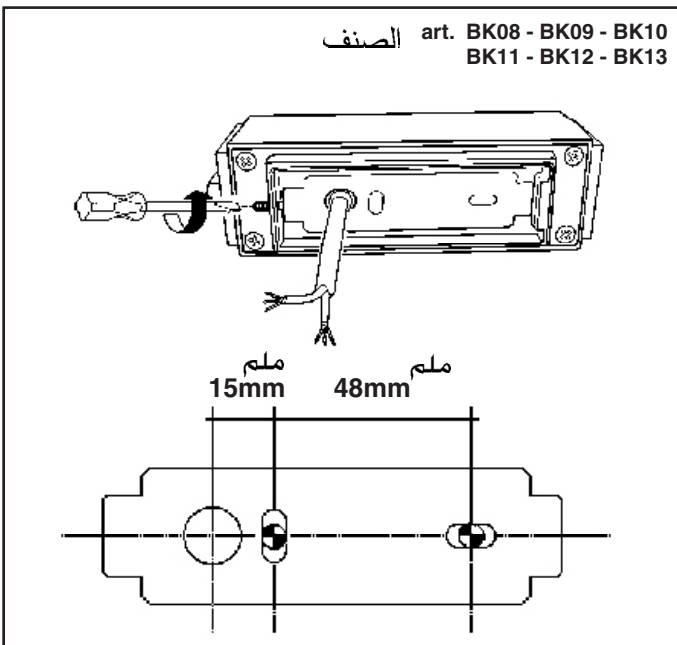
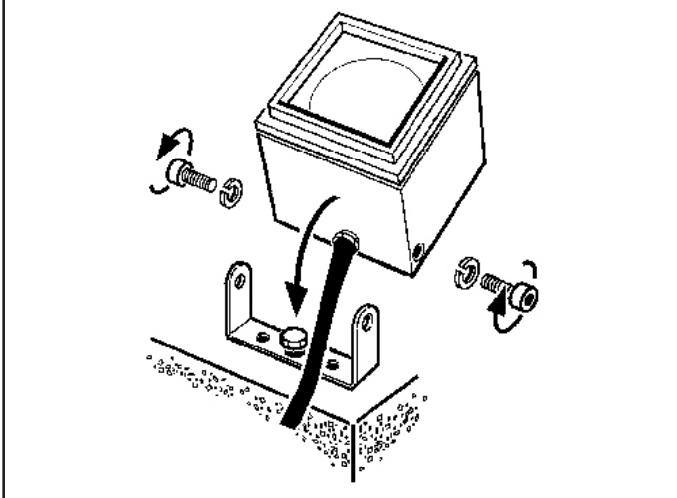
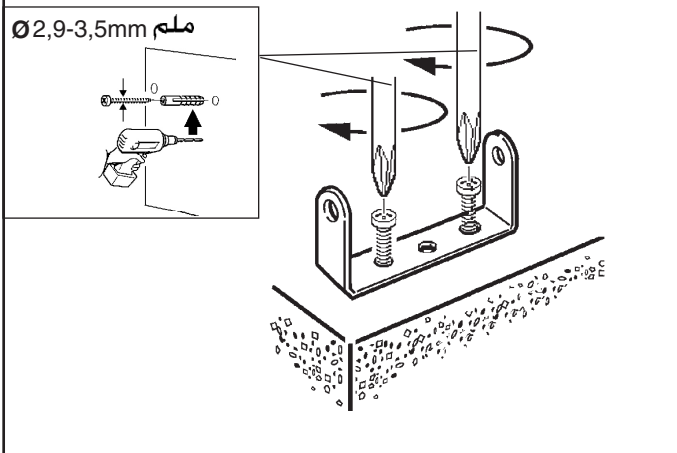
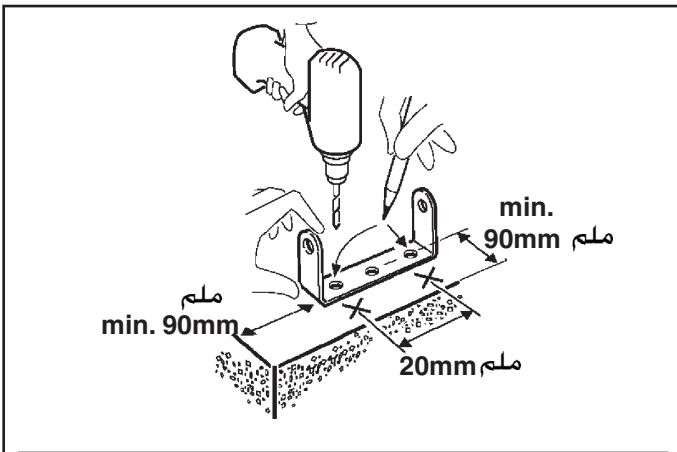
DIMENSIONES, PESO Y SUPERFICIE MAXIMA DE OCUPACION, DEL CNJUNTO EQUIPADO CON ACCESORIOS.

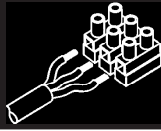
الصفحة ART.	الوزن PESO WEIGHT PESO (Kg) كغم	الأبعاد Dimensioni Dimensions Dimensiones b x h (m) م	السطح Superficie Surface Superficie (mq) م <sup>2</sup>
BJ88 - BJ89 BJ90 - BJ91 BJ92 - BJ93 BJ94 - BJ95 BJ96 - BJ97 BJ98 - BJ99 BK00 - BK01 BK02 - BK03 BK04 - BK05 BK06 - BK07 BK08 - BK09 BK10 - BK11 BK12 - BK13 BK14 - BK15 BK16 - BK17	0,260	0,05 x 0,05	0,003



art. الصف BJ88 - BJ89 - BJ90 - BJ91  
BJ92 - BJ93 - BJ94 - BJ95  
BJ96 - BJ97 - BJ98  
BJ99 - BK00 - BK01





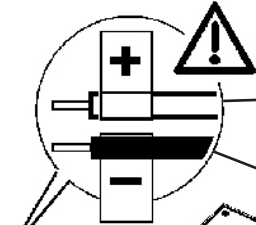


500 mA

art. BJ88 - BJ89 - BJ94  
BJ95 - BJ96 - BJ97  
BJ98 - BJ99

500 mA  
700 mA

art. BJ90 - BJ91 - BJ92  
BJ93 - BK00 - BK01

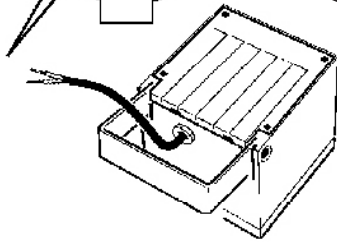


بني

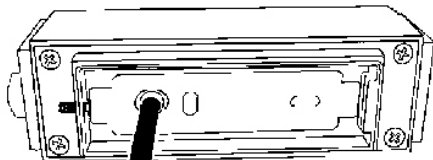
MARRONE  
BROWN  
MARRÓN

أزرق

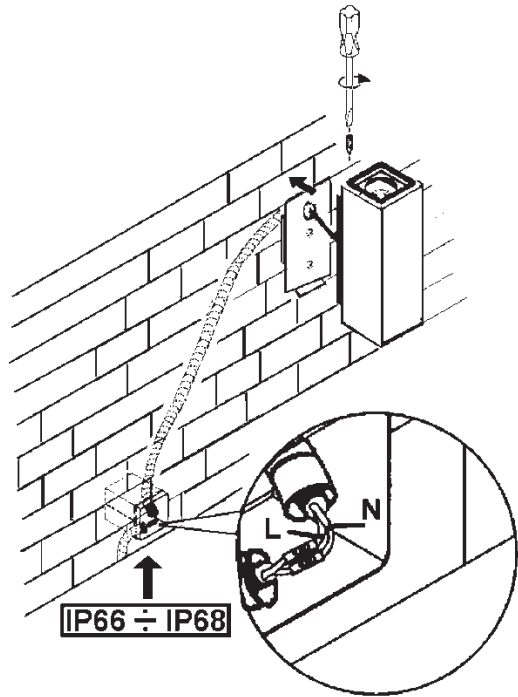
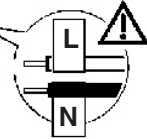
BLU  
BLUE  
AZUL



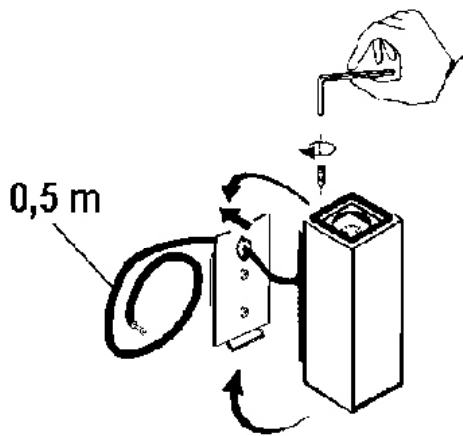
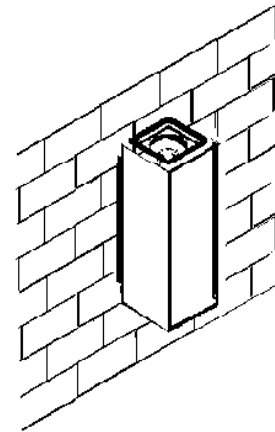
الصف art. BK08 - BK09 - BK10  
BK11 - BK12 - BK13



220/240V



IP66 ÷ IP68



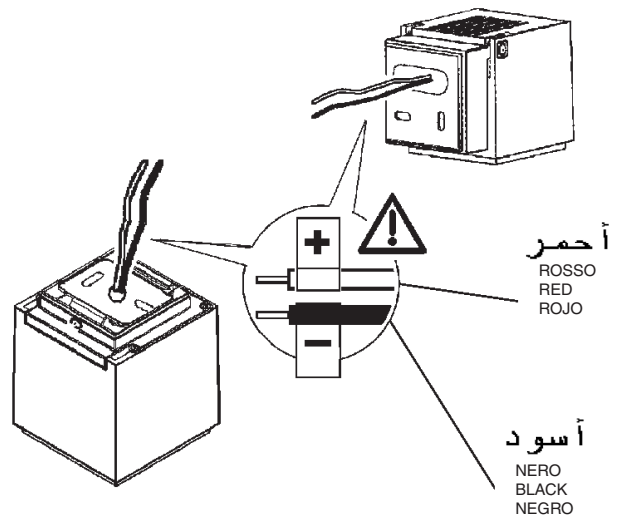
0,5 m

500 mA

art. BK02 - BK03  
BK06 - BK07

500 mA  
700 mA

art. BK04 - BK05

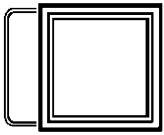


أحمر

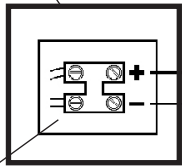
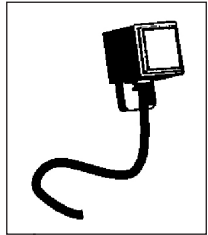
ROSSO  
RED  
ROJO

أسود

NERO  
BLACK  
NEGRO

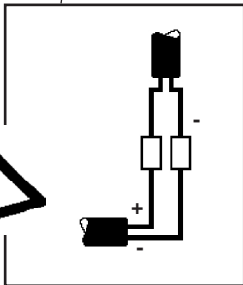


الصفحة art.9582



كابل  
ALIMENTATORE  
BALLAST  
ALIMENTADOR

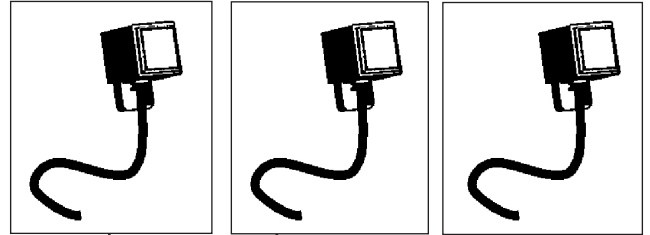
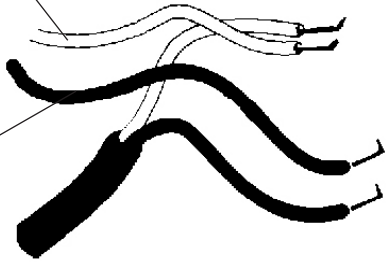
art.  
BZ98 (6W)  
BZ99 (12W)  
BZA0 (20W)  
MXF9 (17W)



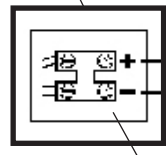
بني

MARRONE  
BROWN  
MARRÓN  
(+)

أزرق  
BLU  
BLUE  
AZUL  
(-)

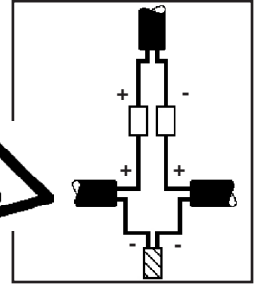


art.9582



كابل  
ALIMENTATORE  
BALLAST  
ALIMENTADOR

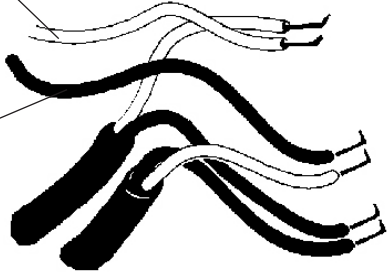
art.  
BZ98 (6W)  
BZ99 (12W)  
BZA0 (20W)  
MXF9 (17W)

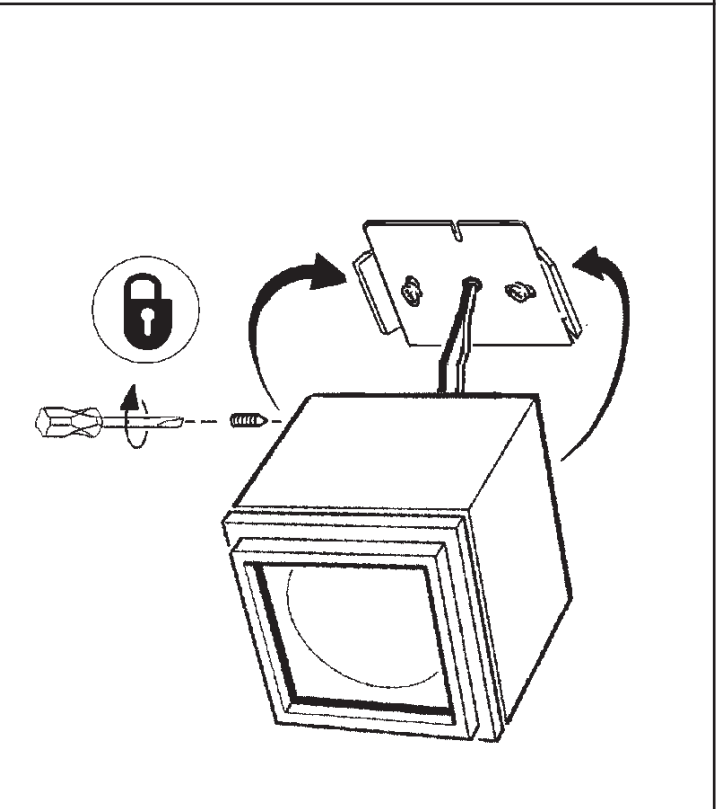
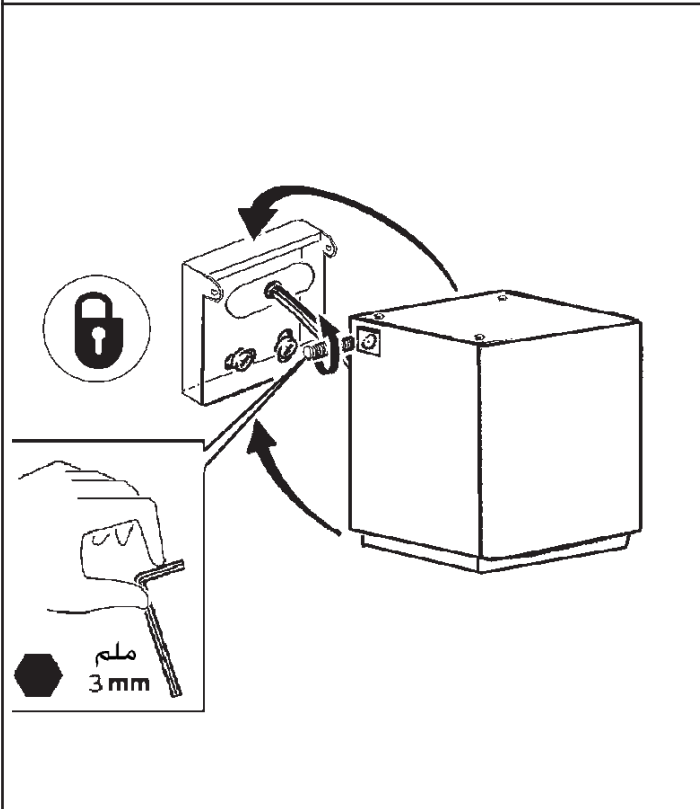
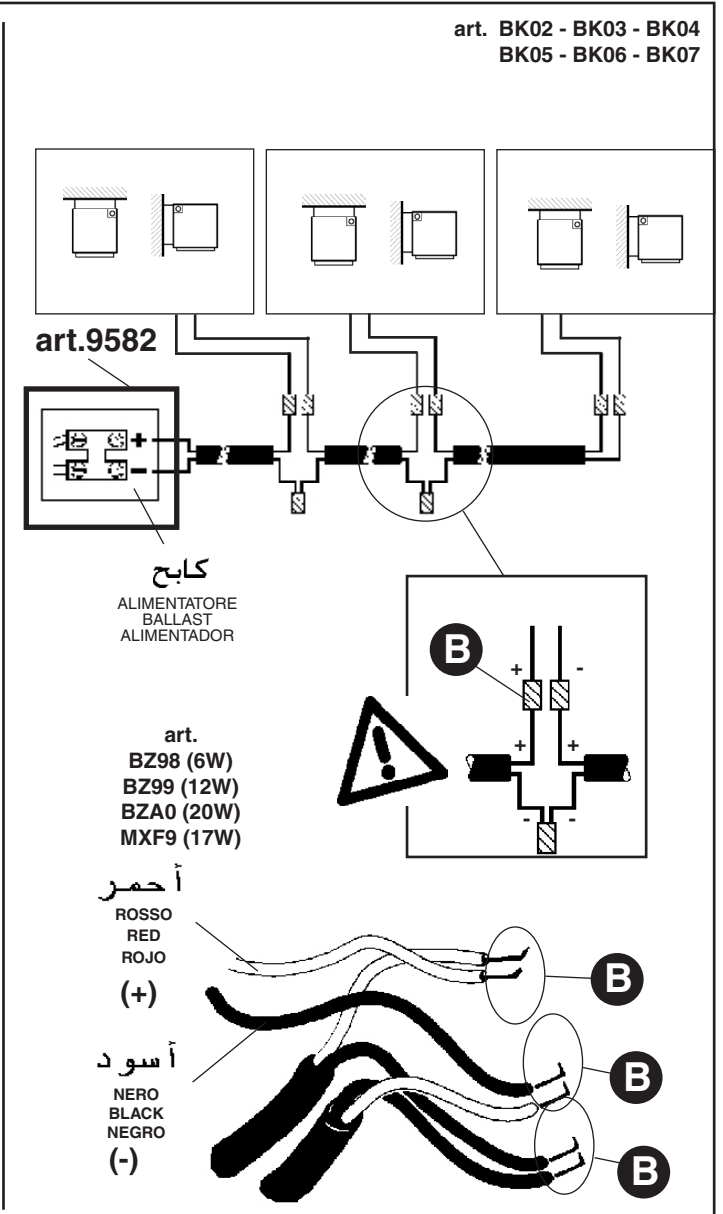
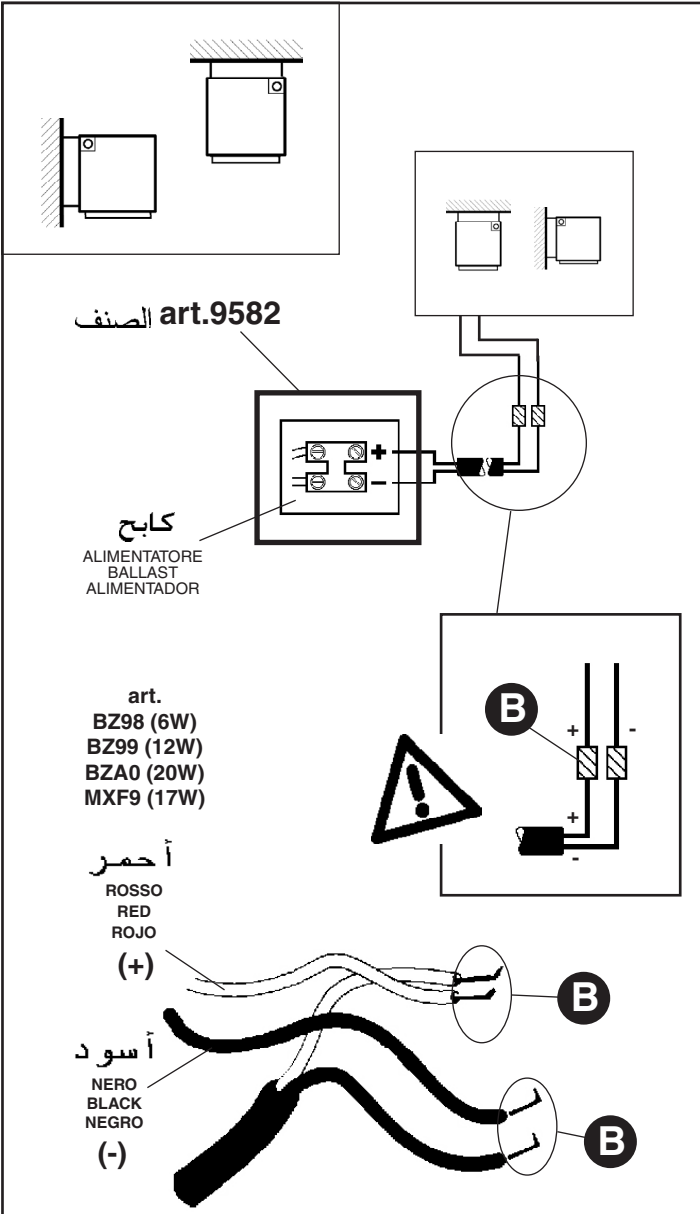


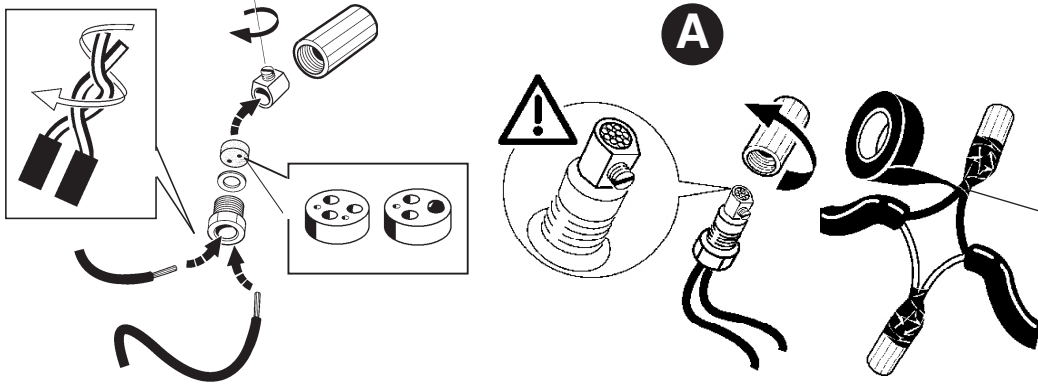
بني

MARRONE  
BROWN  
MARRÓN  
(+)

أزرق  
BLU  
BLUE  
AZUL  
(-)

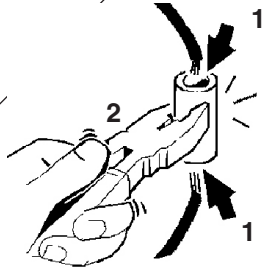






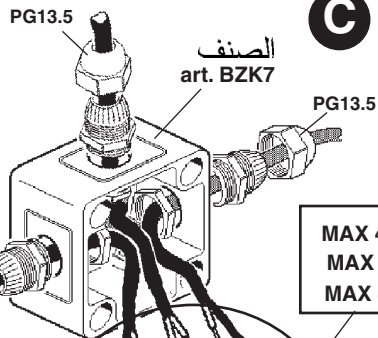
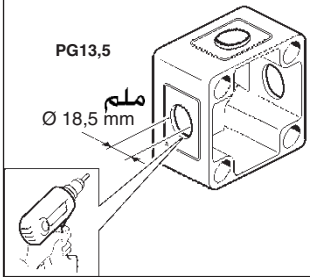
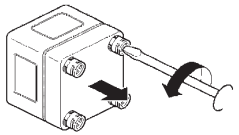
شريط يتكتل بشكل ذاتي  
 NASTRO AUTOAGGLOMERANTE  
 SELF-VULCANISING TAPE  
 CINTA AUTOAGLOMERANTE  
 (SCOTCH 23 3M)

ألحم  
 STAGNARE  
 WELD  
 ESTANAR



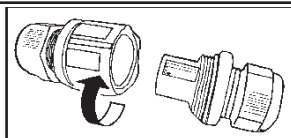
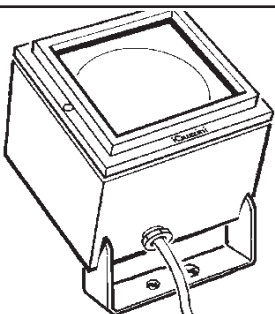
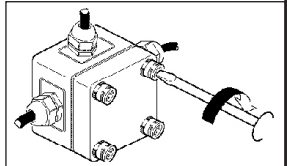
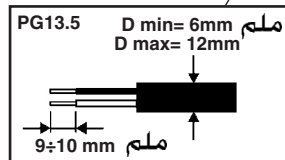
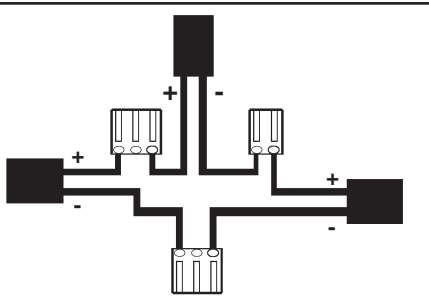
B

شريط يتكتل بشكل ذاتي  
 NASTRO AUTOAGGLOMERANTE  
 SELF-VULCANISING TAPE  
 CINTA AUTOAGLOMERANTE  
 (SCOTCH 23 3M)



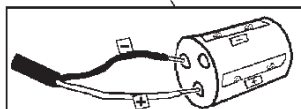
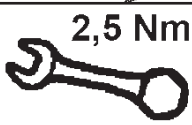
الصف art. BZK7

ملم  
 MAX 4 mm  
 MAX 32 A  
 MAX 400V



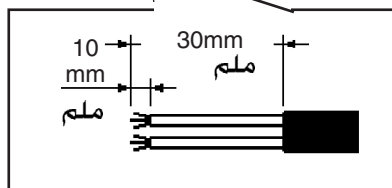
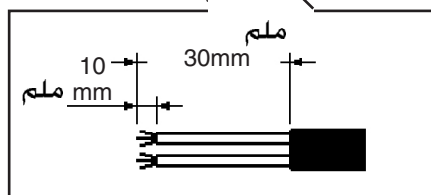
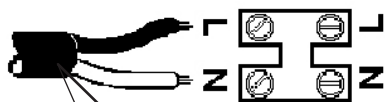
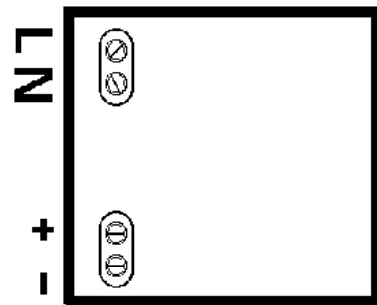
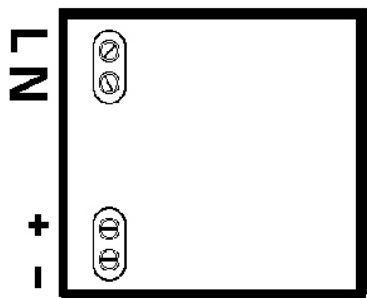
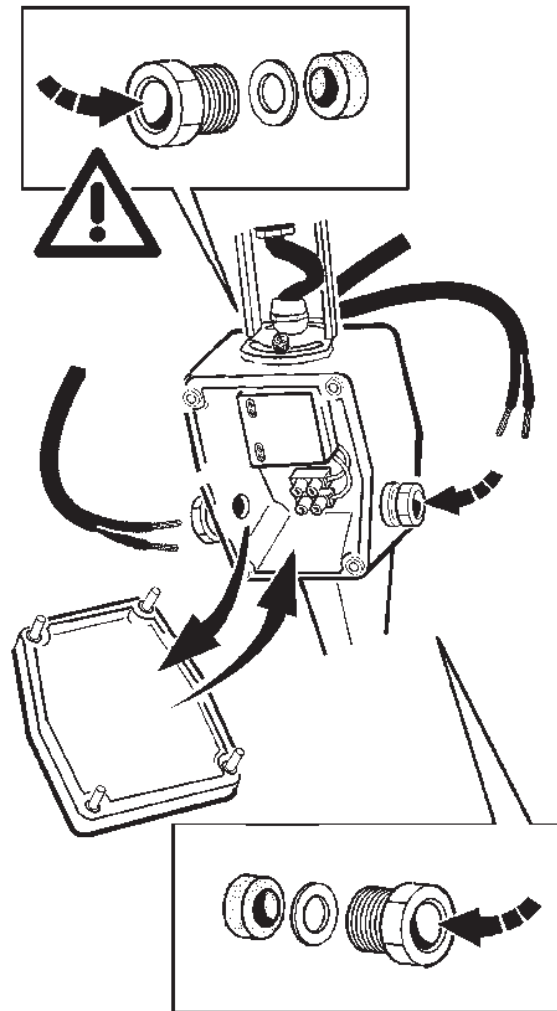
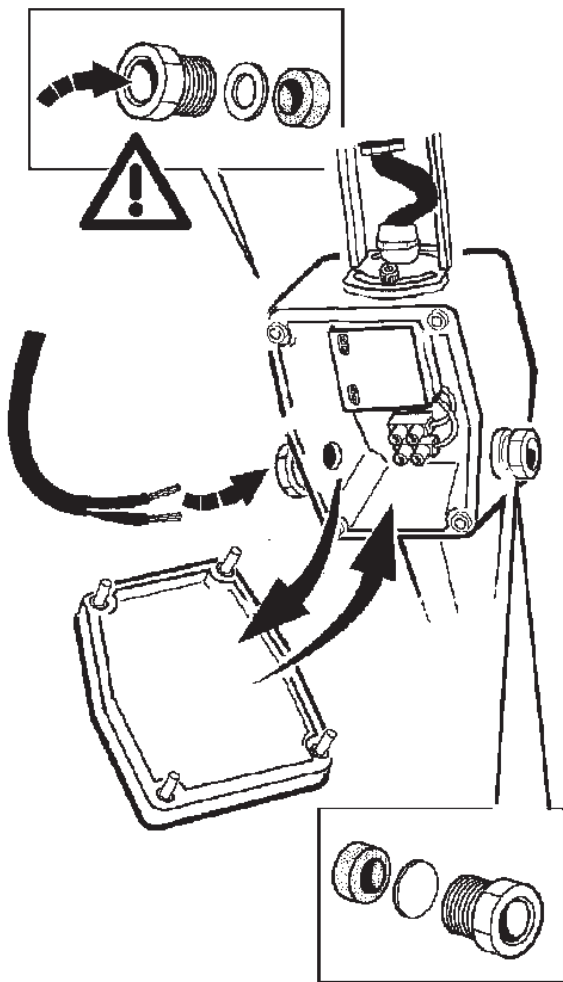
D

الصف art. BZK6

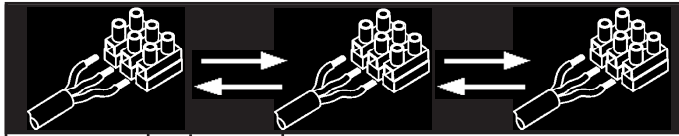


D (mm)	ملم	ملم
6,5 ÷ 8 mm	ملم	
8 ÷ 9 mm	ملم	
9 ÷ 13 mm	ملم	





<b>الصنف ART.</b>	<b>عامل القدرة</b> fattore di potenza power factor factor de potencia	<b>التيار الممتص</b> corrente assorbita absorbed current corriente absorbida  (A)
<b>BK08 - BK09 BK10 - BK11 BK12 - BK13 BK14 - BK15 BK16 - BK17</b>	<b>0,35</b>	<b>0,08</b>



<b>الصنف ART.</b>	<b>المقطع</b> (W) Sezione Section Sección	<b>كايح</b> ALIMENTATORE BALLAST ALIMENTADOR							
	mm <sup>2</sup>	<b>art. BZ98 (6W) 500 mA</b>		<b>art. BZ99 (12W) 500 mA</b>		<b>art. BZA0 (20W) 500 mA</b>		<b>art. MXF9 (17W) 700 mA</b>	
		max N°	L (m)	max N°	L (m)	max N°	L (m)	max N°	L (m)
<b>BJ90 - BJ91 BJ92 - BJ93 BK00 - BK01 BK04 - BK05</b>	1,6 ÷ 2,2	1,5 mm <sup>2</sup>	/	/	/	/	/	7	54
		2,5 mm <sup>2</sup>	/	/	/	/	/	7	90
		4 mm <sup>2</sup>	/	/	/	/	/	7	135
<b>BJ88 - BJ89 BJ94 - BJ95 BJ96 - BJ97 BJ98 - BJ99 BK06 - BK07 BK02 - BK03</b>	4,8	1,5 mm <sup>2</sup>	1	110	2	221	3	300	/
		2,5 mm <sup>2</sup>	1	184	2	368	3	510	/
		4 mm <sup>2</sup>	1	276	2	553	3	750	/

يتم ضمان عمل الجهاز بشكل جيد من خلال تأرجح فاطية التغذية الخارجة بنسبة  $\pm 2\%$  مقارنة مع القيمة الاسمية.  
يتم ضمان احترام المعايير السائدة فقط من خلال استعمال مهايئات من صنع شركة iGuzzini (سلع رقم ( BZ98 - BZ99 - BZA0 - MXF9 ) أو ما يشابهها من نوع SELV المطابقة لمعايير مجموعة الدول الأوروبية C.E.I.

I Le condizioni ottimali di funzionamento dell'apparecchio sono garantite soltanto per oscillazioni della tensione in uscita dall'alimentatore del  $\pm 2\%$  rispetto al valore nominale.  
La conformità alla norma è garantita soltanto utilizzando trasformatori iGuzzini (art.: BZ98 - BZ99 - BZA0 - MXF9) od equivalenti di tipo SELV che rispondano alle vigenti norme C.E.I.

GB Optimum operating condition for the fitting is ensured only if the oscillations of the ballast output voltage are  $\pm 2\%$  the nominal value.  
Compliance with the regulation is ensured only if either iGuzzini transformers (art. BZ98 BZ99 - BZA0 - MXF9 or equivalent transformers (SELV type) meeting the C.E.I. regulations in force are used.

E Las condiciones de funcionamiento óptimas del aparato se garantizan solamente con oscilaciones de la tensión de salida del alimentador de  $\pm 2\%$  respecto al valor nominal.  
La conformidad a la norma se garantiza solamente con el uso de transformadores iGuzzini (art. BZ98 - BZ99 - BZA0 - MXF9) o equivalentes de tipo SELV que cumplen las normas vigentes C.E.I.

يضمن موفر الإضاءة الحديثة مزودا لشركة iGuzzini بعد حصوله على الترخيص اللازم. المعلومات تحفظ بعد المنتجات لغاية التركيب وضول الشبكات الكهربائية، هذه وحدة التغذية الكهربائية من نوع الكابل المتكامل.

I Per progetti d'impianto personalizzati l'azienda iGuzzini fornisce, previa documentazione necessaria , i dati relativi al numero dei prodotti installabili e la lunghezza dei cavi, in funzione dell'alimentatore e del tipo di cavo utilizzato.

GB For customised installation projects iGuzzini is able to supply - accompanied by the necessary documentation - details relating to the number of installable products and the length of the cables based on the ballast and type of cable used.

E Para proyectos personalizados y previo conocimiento de la documentación necesaria, iGuzzini puede suministrar datos sobre el número de productos a instalar y la longitud de los cables en función del alimentador y del tipo de cable utilizado.

## استبدال الضوء

SOSTITUZIONE DEL LED  
REPLACING THE LED  
REEMPLAZO DEL LED

### تنبيه: لاستبدال الضوء LED اتصل بشركة iGuzzini .

I N.B.: Per la sostituzione del LED contattare l'azienda iGuzzini.  
GB N.B.: For information on LED replacement please contact iGuzzini.  
E NOTA: Para sustituir el LED llame a la empresa iGuzzini.

عند تصميمه جهاز الإضاءة بالتمديدات الكهربائية يجب أخذ في الاعتبار العوامل التالية:  
- 16 أمبير تيار اسمي مسموح به من قبل لومات أطراف الموصلات  
BJ90 - BJ89 - BJ88  
BJ99 - BJ98 - BJ97 - BJ96 - BJ95 - BJ94 - BJ93 - BJ92 - BJ91  
BK08 - BK07 - BK06 - BK05 - BK04 - BK03 - BK02 - BK01 - BK00  
BK13 - BK12 - BK11 - BK10 - BK09  
- عامل الأمان للأمد بعين الاعتبار فيير الفاطية والترايس  
- الفاطية الاسمية المخصصة من قبل المصنف لتقوية.  
- منتج بعدم تشغيل موصلات الكابلات ضمن الحد الأقصى.

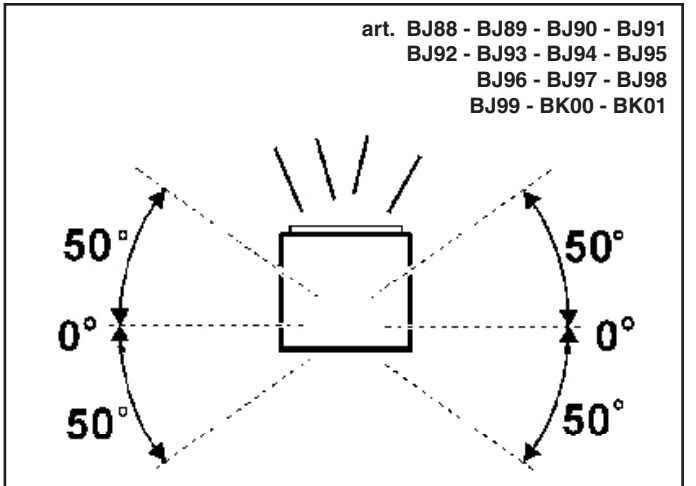
I Nella progettazione dell'impianto illuminotecnico ed elettrico, determinare le correnti massime ammissibili, considerando i seguenti fattori:  
- 16A: corrente nominale ammessa dalle morsettiere ( BJ88 - BJ89 - BJ90 - BJ91 - BJ92 - BJ93 - BJ94 - BJ95 - BJ96 - BJ97 - BJ98 - BJ99 - BK00 - BK01 - BK02 - BK03 - BK04 - BK05 - BK06 - BK07 - BK14 - BK15 - BK16 - BK17 - BK08 - BK09 - BK10 - BK11 - BK12 - BK13);  
- coefficiente di sicurezza per tenere conto delle sovratensioni e contemporaneità;  
- corrente nominale assorbita dai singoli art.  
E' buona norma evitare di far lavorare i conduttori dei cavi ai massimi valori.

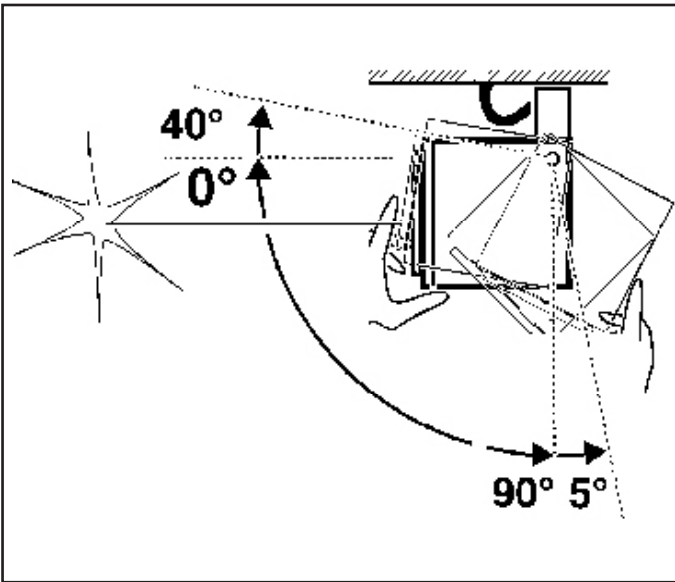
GB When planning the lighting and electrical system, determine the maximum permitted current, taking into account the following factors:  
- 16A: the nominal current permitted by terminal blocks ( BJ88 - BJ89 - BJ90 - BJ91 - BJ92 - BJ93 - BJ94 - BJ95 - BJ96 - BJ97 - BJ98 - BJ99 - BK00 - BK01 - BK02 - BK03 - BK04 - BK05 - BK06 - BK07 - BK14 - BK15 - BK16 - BK17 - BK08 - BK09 - BK10 - BK11 - BK12 - BK13);  
- safety coefficient to allow for excess voltage and contemporaneity;  
- the nominal current absorbed by single art.  
It is recommended that the wires inside the cables are made to operate at the maximum values.

Durante la proyectación de la instalación luminotécnica y eléctrica, determinar las corrientes máximas permitidas, en consideración de los factores siguientes:  
E - 16A: corriente nominal permitida de las borneras ( BJ88 - BJ89 - BJ90 - BJ91 - BJ92 - BJ93 - BJ94 - BJ95 - BJ96 - BJ97 - BJ98 - BJ99 - BK00 - BK01 - BK02 - BK03 - BK04 - BK05 - BK06 - BK07 - BK14 - BK15 - BK16 - BK17 - BK08 - BK09 - BK10 - BK11 - BK12 - BK13);  
- coeficiente de seguridad para considerar sobretensiones y contemporaneidades;  
- corriente nominal absorbida por los art. individuales.  
Se aconseja evitar que los conductores de cables trabajen con valores máximos.

## ضبط موضع مجموعة العدسة

ORIENTAMENTO DEL VANO OTTICO  
ADJUSTING THE POSITION OF THE OPTICAL ASSEMBLY  
ORIENTABILIDAD DE LA OPTICA





لا يمكن استعمال المنتج في حالة كسر الزجاج، وبالتالي يجب الاتصال بتصانع لإستبداله. عن

I In caso di rottura del vetro il prodotto non può essere utilizzato, contattare il costruttore per la sua sostituzione.

GB Should the glass break, the product cannot be used and you should contact the manufacturer for its replacement.

E No utilizar el producto en caso de ruptura del vidrio y contactar el fabricante para la sustitución.

**ملاحظة: ملاحظة: أثناء تركيب نظام "ipro" . يجب التقيد بحرص بالنظم السائدة المتعلقة بالشبكة الكهربائية.**

N.B.: DURANTE L'INSTALLAZIONE DEL SISTEMA "ipro" RISPETTARE SCRUPOLOSAMENTE LE NORME IMPIANTISTICHE NAZIONALI VIGENTI.

N.B.: WHEN INSTALLING THE "ipro" SYSTEM, MAKE SURE ALL CURRENT NATIONAL REGULATIONS RELATING TO INSTALLATION ARE OBSERVED.

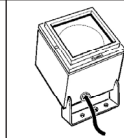
NOTA: DURANTE LA INSTALACIÓN DEL SISTEMA "ipro" RESPETAR ESCRUPULOSAMENTE LAS NORMAS NACIONALES DE INSTALACIÓN EN VIGOR.

**أقصى حد لارتفاع التركيب 15 متر.**

I L'altezza massima di installazione è di m 15.

GB The maximum installation height is 15 m.

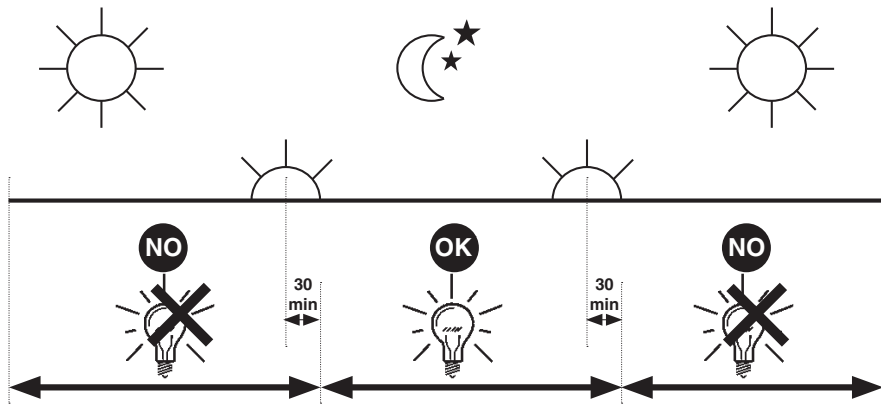
E La altura máx. de instalación es de 15 m.



I PERIODO GIORNALIERO DI ACCENSIONE AMMESSO  
**GB** ALLOWED DAILY OPERATION PERIOD  
**F** DURÉE QUOTIDIENNE D'ALLUMAGE ADMISSIBLE  
**D** ERLAUBTE TÄGLICHE EINSCHALTDAUER  
**NL** DAGELIJKSE ONTSTEKINGSPERIODE TOEGESTAAN  
**E** PERIODO DIARIO DE ENCENDIDO PERMITIDO  
**DK** TILLADT TIDSRUM FOR DAGLIG TÆNDING  
**N** TILLÄTT TENNINGSTID PR. DAG  
**S** TILLÄTEN DAGLIG PERIOD SOM PRODUKTEN KAN VARA TÄND  
**RUS** ЕЖЕДНЕВНАЯ ДОПУСТИМАЯ ПРОДОЛЖИТЕЛЬНОСТЬ РАБОТЫ  
**CN** 允许的日常运营周期

**iGuzzini**

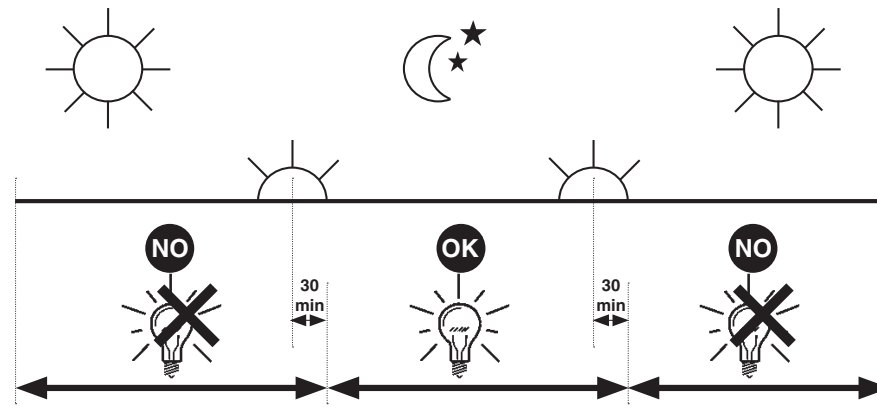
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 IS09175/01



I PERIODO GIORNALIERO DI ACCENSIONE AMMESSO  
**GB** ALLOWED DAILY OPERATION PERIOD  
**F** DURÉE QUOTIDIENNE D'ALLUMAGE ADMISSIBLE  
**D** ERLAUBTE TÄGLICHE EINSCHALTDAUER  
**NL** DAGELIJKSE ONTSTEKINGSPERIODE TOEGESTAAN  
**E** PERIODO DIARIO DE ENCENDIDO PERMITIDO  
**DK** TILLADT TIDSRUM FOR DAGLIG TÆNDING  
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**S** TILLÄTEN DAGLIG PERIOD SOM PRODUKTEN KAN VARA TÄND  
**RUS** ЕЖЕДНЕВНАЯ ДОПУСТИМАЯ ПРОДОЛЖИТЕЛЬНОСТЬ РАБОТЫ  
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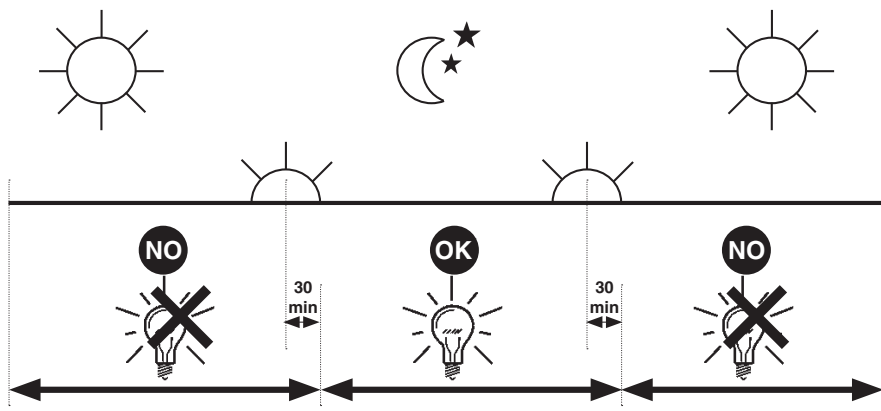
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 IS09175/01



I PERIODO GIORNALIERO DI ACCENSIONE AMMESSO  
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**iGuzzini**

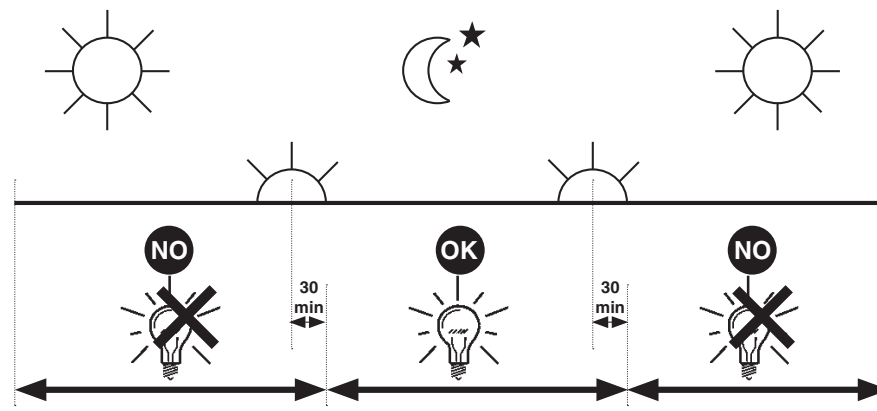
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 IS09175/01



I PERIODO GIORNALIERO DI ACCENSIONE AMMESSO  
**GB** ALLOWED DAILY OPERATION PERIOD  
**F** DURÉE QUOTIDIENNE D'ALLUMAGE ADMISSIBLE  
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 IS09175/01

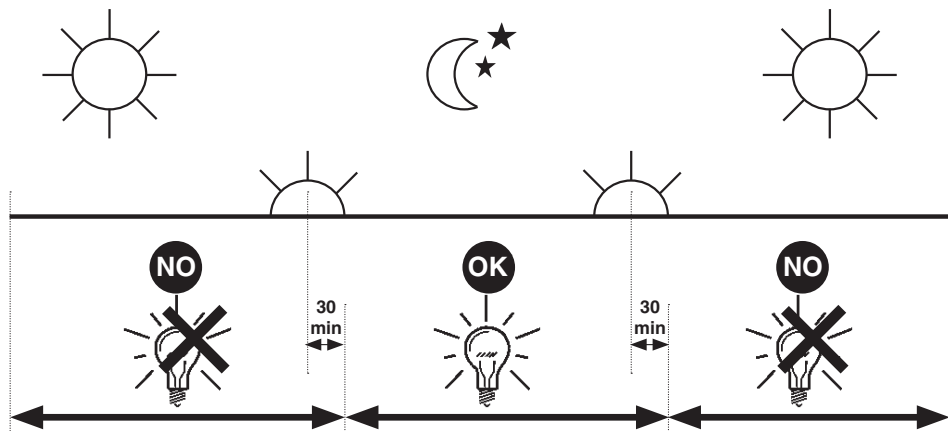


iGuzzini

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ISO9176/01

الفترة الزمنية اليومية للتشغيل المسموح بها

- I PERIODO GIORNALIERO DI ACCENSIONE AMMESSO
- GB ALLOWED DAILY OPERATION PERIOD
- E PERIODO DIARIO DE ENCENDIDO PERMITIDO

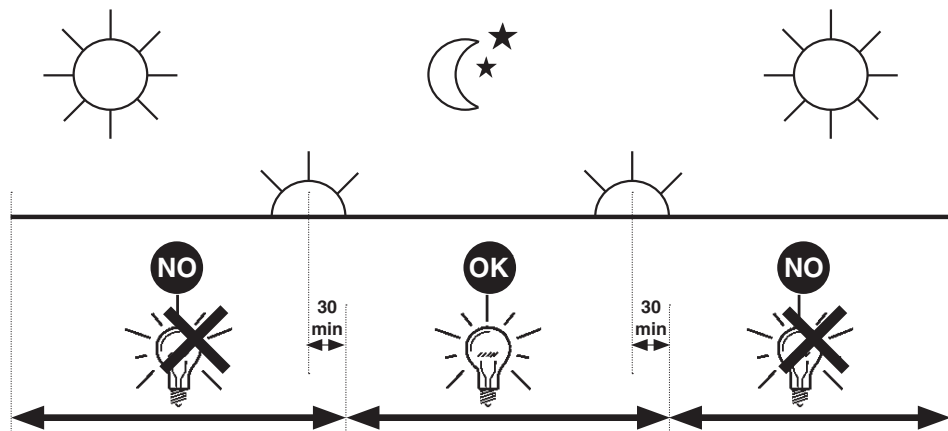


iGuzzini

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ISO9176/01

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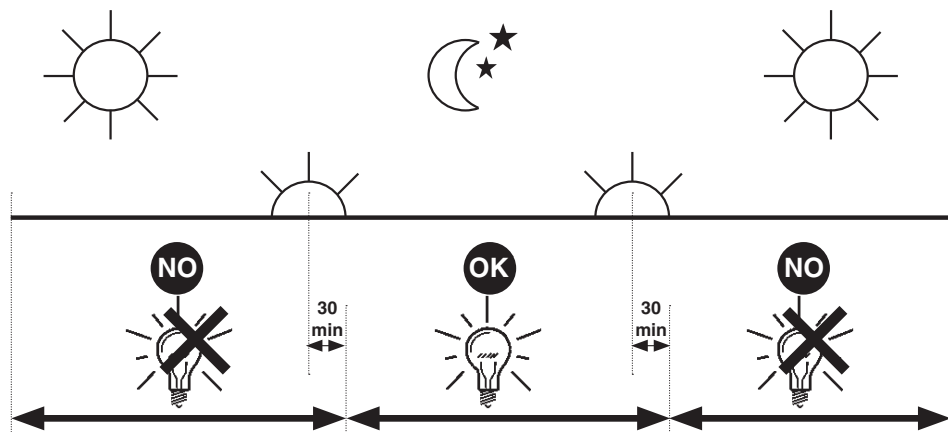


iGuzzini

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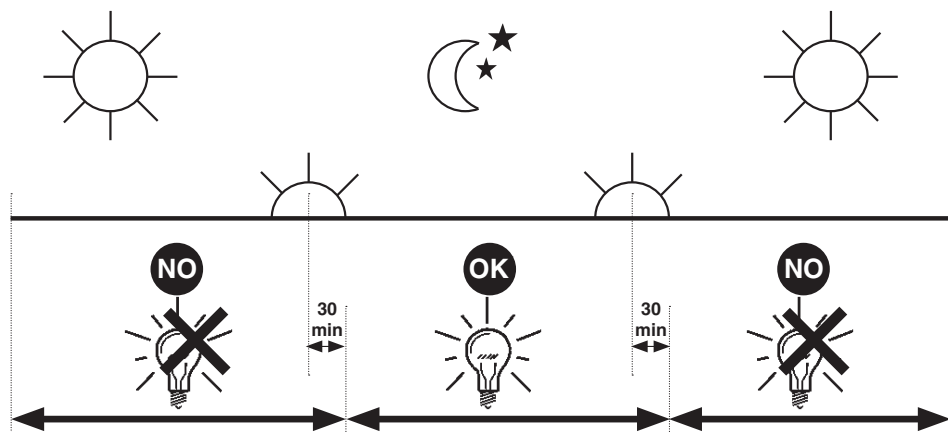


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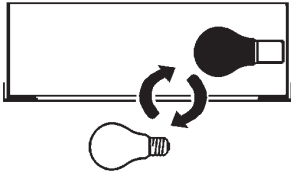
الفترة الزمنية اليومية للتشغيل المسموح بها

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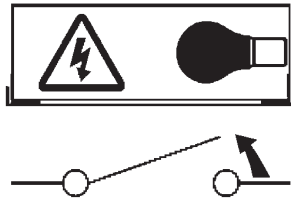
- I Istruzioni per le operazioni di servizio per l'apparecchio di illuminazione**  
**GB Instructions on luminaire service operations**  
**F Instructions pour les opérations de service du luminaire**  
**D Wartungsanleitung für die Leuchte**  
**NL Instructies voor de onderhoudsoperaties op de verlichtingsarmatuur**  
**E Instrucciones para las operaciones de servicio del aparato de alumbrado**  
**DK Anvisninger i serviceindgreb på belysningsarmatur**  
**N Anvisninger for betjening av lysapparatet**  
**S Instruktioner för användning av belysningsanordningen**  
**RUS Инструкции по эксплуатации осветительного прибора**  
**CN 照明装置检修操作说明**

**Sostituire la lampada parzialmente esausta**  
 Replace the partly exhausted lamp  
 Remplacer la lampe partiellement épuisée  
 Die teilweise erschöpfte Lampe austauschen  
 Vervang de gedeeltelijk lege lamp  
 Sustituir la lámpara parzialmente agotada  
 Udskift den delvist udtjente pære  
 Skifte ut den delvis utbrente lyspæren  
 Byt ut den delvis förbrukade lampan  
 Замена частично отработавшей лампочки  
 更换部分老化的灯泡



**Spegnimento**  
 Switch it off  
 Extinction  
 Ausschaltung  
 Uitschakeling  
 Apagado  
 Slukning  
 Slukking  
 Släckning  
 Выключение  
 关灯

**Interrompere l'alimentazione dell'apparecchio**  
 Cut the power supply to the luminaire  
 Couper l'alimentation du luminaire  
 Stromversorgung der Leuchte unterbrechen  
 Onderbreek de voeding van het apparaat  
 Interrumpir la alimentación del aparato  
 Afbryd armaturets strømforsyning  
 Avbryt strømtilførselen til apparatet  
 Koppla från anordningens strömförsörjning  
 Отключить электропитание прибора  
 中断装置供电

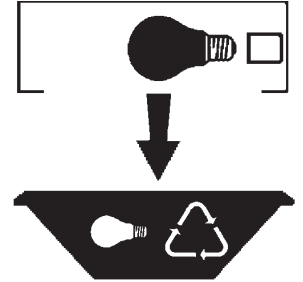


**Aprire l'apparecchio**  
 Open the fixture  
 Ouvrir le luminaire  
 Das Gerät öffnen  
 Open het apparaat  
 Abrir el aparato  
 Åbn armaturet  
 Åpne apparatet  
 Öppna anordningen  
 Раскрыть прибор  
 打开装置



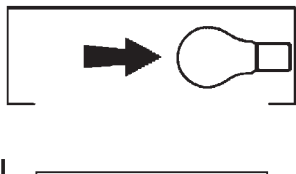
**Rimuovere la lampada esausta**  
 Remove the exhausted lamp  
 Retirer la lampe épuisée  
 Die alte Lampe entnehmen  
 Verwijder de lege lamp  
 Quitar la lámpara agotada  
 Tag den udtjente pære ud  
 Fjerne den utbrente lyspæren  
 Ta bort den förbrukade lampan  
 Вынуть старую лампочку  
 取出老化的灯泡

**Portarla in un centro di riciclaggio**  
 Carry it to a recycling centre  
 La porter dans une déchetterie pour son recyclage  
 Ordnungsgemäß entsorgen  
 Breng de lamp naar een recyclingcentrum  
 Llevarla a un centro de reciclaje  
 Aflever den på en genbrugsstation  
 Lever den til en miljøstasjon  
 Lämna in den till en återvinningsanläggning  
 Сдать ее в пункт приема утильсырья  
 将其送往回收中心

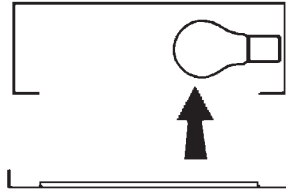


**Inserire la nuova lampada**  
 Introduce the new lamp  
 Installer la lampe neuve  
 Die neue Lampe einsetzen  
 Doe de nieuwe lamp op zijn plek  
 Montar la nueva lámpara  
 Sæt den nye pære i  
 Sette i den nye pæren  
 Sätt i den nya lampan  
 Вставить новую лампочку  
 装入新灯泡

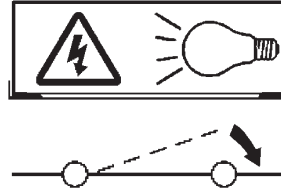
**Inserire la nuova lampada nel portalampada**  
 Fit the new lamp into the socket  
 Installer la nouvelle lampe dans le support de lampe  
 Die neue Lampe in den Sockel einsetzen  
 Doe de nieuwe lamp in de lamphouder  
 Montar la nueva lámpara en el portalámpara  
 Sæt den nye pære i fatningen  
 Sette den nye pæren inn i lampeholderen  
 Sätt i den nya lampan i lamphållaren  
 Вставить новую лампочку в патрон  
 将新灯泡插入灯泡架中



**Riposizionare ottica**  
 Re-place the optic  
 Remettre l'optique à sa place  
 Die Optik wieder einsetzen  
 Doe de optiek weer op zijn plaats  
 Volver a montar la óptica  
 Sæt den optiske enhed på plads  
 Innstille linsen  
 Flytta om optiken  
 Отрегулировать линзы  
 重新定位光头

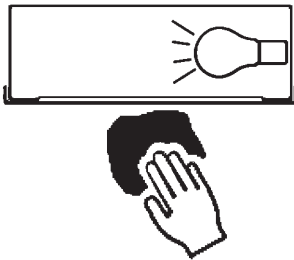


**Effettuare prova di funzionamento**  
 Perform operative test  
 Procéder à un essai de fonctionnement  
 Eine Funktionsprüfung durchführen  
 Controleer de correcte werking  
 Hacer una prueba de funcionamiento  
 Afprøv funktionen  
 Prøve om den fungerer  
 Utför funktionstest  
 Выполнить проверку исправности работы  
 执行功能测试



**I Istruzioni per la pulizia dell'apparecchio di illuminazione**  
**GB Instructions on luminaire cleaning operations**  
**F Instructions pour le nettoyage du luminaire**  
**D Anweisungen zur Reinigung der Leuchte**  
**NL Instructies voor de reiniging van de verlichtingsarmatuur**  
**E Instrucciones para limpiar el aparato de alumbrado**  
**DK Anvisninger i rengøring af belysningsarmaturet**  
**N Anvisninger for rengjøring av lysapparatet**  
**S Instruktioner för rengöring av belysningsanordningen**  
**RUS Инструкции по чистке осветительного прибора**  
**CN 照明装置清洁说明**

**Pulire l'apparecchio**  
**Clean the fixture**  
**Nettoyer le luminaire**  
**Das Gerät reinigen**  
**Reinig het apparaat**  
**Limpiar el aparato**  
**Rengør armaturet**  
**Rengjøre apparatet**  
**Rengör anordningen**  
**Чистка прибора**  
**清洁装置**

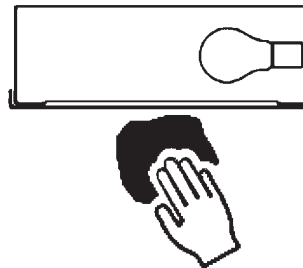


**Spegnimento**  
**Switch it off**  
**Extinction**  
**Ausschaltung**  
**Uitschakeling**  
**Apagado**  
**Slukning**  
**Slukking**  
**Släckning**  
**Выключение**  
**关灯**

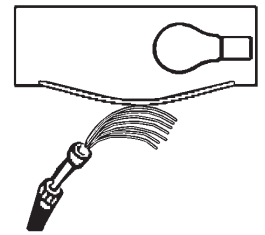
**Interrompere l'alimentazione dell'apparecchio**  
**Cut the power supply to the luminaire**  
**Couper l'alimentation du luminaire**  
**Stromversorgung der Leuchte unterbrechen**  
**Onderbreek de voeding van het apparaat**  
**Interrumpir la alimentación del aparato**  
**Afbryd armaturets strømforstyrning**  
**Avbryt strømtilførselen til apparatet**  
**Koppla från anordningens strömförsörjning**  
**Отключить электропитание прибора**  
**中断装置供电**



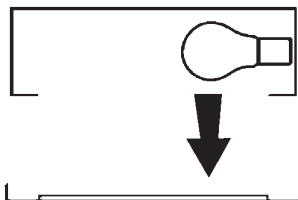
**Spolverare l'ottica esterna**  
**Remove dust from the external optic**  
**Dépoussiérer l'optique extérieure**  
**Die externe Optik abstauben**  
**Stof de externe optiek af**  
**Quitar el polvo de la óptica exterior**  
**Tør støvet af den udvendige optiske enhed**  
**Fjerne støv fra den eksterne lysenheden**  
**Damma av den yttre optiken**  
**Вытереть пыль с внешней стороны линз**  
**为外侧光头掸尘**



**Lavare l'ottica esterna**  
**Wash the external optic**  
**Laver l'optique extérieure**  
**Die externe Optik waschen**  
**Was de externe optiek**  
**Lavar la óptica exterior**  
**Vask den udvendige optiske enhed**  
**Vaske den eksterne lysenheden**  
**Rengör den yttre optiken**  
**Вымыть линзы с внешней стороны**  
**清洁外光头**



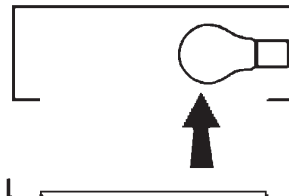
**Rimuovere l'ottica**  
**Remove the optic**  
**Retirer l'optique**  
**Die Optik abnehmen**  
**Verwijder de optiek**  
**Quitar la óptica**  
**Tag den optiske enhed af**  
**Fjerne lysenheden**  
**Ta bort optiken**  
**Снять линзы**  
**取下光头**



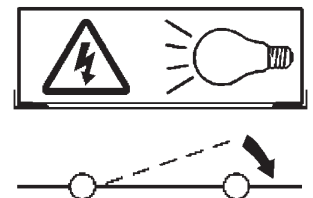
**Pulire la parte interna dell'apparecchio di illuminazione**  
**Clean the inside of the fixture**  
**Nettoyer l'intérieur du luminaire**  
**Die Innenseite der Leuchte reinigen**  
**Reinig de binnenzijde van de verlichtingsarmatuur**  
**Limpiar el interior del aparato de alumbrado**  
**Rengør belysningsarmaturets indvendige dele**  
**Rengjøre lysapparatet innvendig**  
**Rengör belysningsanordningen invändigt**  
**Протереть осветительный прибор изнутри**  
**清洁照明装置内部**



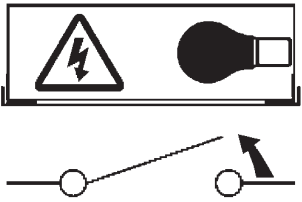
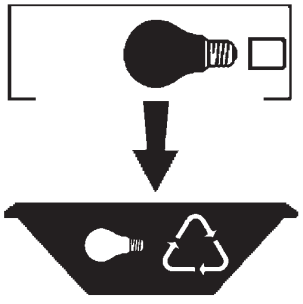
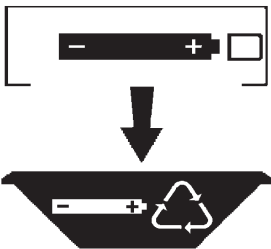
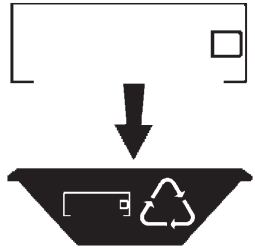
**Riposizionare ottica**  
**Re-place the optic**  
**Remettre l'optique à sa place**  
**Die Optik wieder einsetzen**  
**Doe de optiek weer op zijn plaats**  
**Volver a montar la óptica**  
**Sæt den optiske enhed på plads**  
**Innstille linsen**  
**Flytta om optiken**  
**Отрегулировать линзы**  
**重新定位光头**

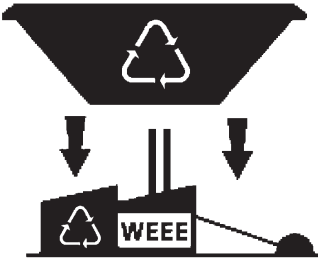


**Effettuare prova di funzionamento**  
**Perform operative test**  
**Procéder à un essai de fonctionnement**  
**Eine Funktionsprüfung durchführen**  
**Controleer de correcte werking**  
**Hacer una prueba de funcionamiento**  
**Afprov funktionen**  
**Prøve om den fungerer**  
**Utför funktionstest**  
**Выполнить проверку исправности работы**  
**执行功能测试**



- I** Istruzioni per il fine vita e lo smaltimento dei componenti  
**GB** Instructions on end-of-life and component disposal  
**F** Instructions pour la gestion des composants en fin de vie et leur mise au rebut  
**D** Anweisungen zur Entsorgung der Leuchtenkomponenten  
**NL** Instructies voor het verwijderen van de armatuur en het recyclen van de onderdelen  
**E** Instrucciones para el final de vida y la eliminación los componentes  
**DK** Anvisninger i udtjent armatur og bortskaffelse af komponenter  
**N** Anvisninger for endt levetid og avfallsbehandling av delene  
**S** Instruktioner vid bortskaffning och kassering av komponenter  
**RUS** Инструкции по утилизации прибора и его комплектующих по окончании его срока службы  
**CN** 寿命期结束与零件废弃处置说明

<p>Spegnimento Switch it off Extinction Ausschaltung Uitschakeling Apagado Slukning Slukking Släckning Выключение 关灯</p> <p>Interrompere l'alimentazione dell'apparecchio Cut the power supply to the luminaire Couper l'alimentation du luminaire Stromversorgung der Leuchte unterbrechen Onderbreek de voeding van het apparaat Interrompirla alimentación del aparato Afbryd armaturets strømforsyning Avbryt strømtilførselen til apparatet Koppla från anordningens strömförsörjning Отключить электропитание прибора 中断装置供电</p> 	<p>Rimuovere la/e lampada/e per la dismissione Remove the lamp(s) for decommissioning Retirer la(les) lampe(s) pour sa(leur) mise au rebut Die Lampe/n ordnungsgemäß entsorgen Verwijder de lamp(en) voor het recyclen Quitar la(s) lámpara(s) para el desecho Tag pæren/pærerne ud til bortskaffelse Fjerne lampen/-e som skal kastes Ta bort lampan/-orna för bortskaffningen Вынуть лампочку/и для утилизации прибора 取出需要丢弃的灯泡</p> 	<p>Rimuovere la batteria per la dismissione Remove the battery for decommissioning Retirer la batterie pour sa mise au rebut Die Batterie ordnungsgemäß entsorgen Verwijder de batterij voor het recyclen Quitar la batería para el desecho Tag batteriet ud til bortskaffelse Fjerne batteriet som skal kastes Ta bort batteriet för bortskaffningen Вынуть батарейку для утилизации прибора 取出需要丢弃的电池</p> 	<p>Rimuovere l'apparecchio per la dismissione Remove the fixture for decommissioning Enlever le luminaire pour sa mise au rebut Das Gerät ordnungsgemäß entsorgen Verwijder het apparaat voor het recyclen Quitar el aparato para el desecho Tag armaturet ud til bortskaffelse Fjerne apparatet som skal kastes Ta bort anordningen för bortskaffningen Снять прибор для утилизации 取出需要丢弃的装置</p> 
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<p>Inviare i materiali ad un centro di raccolta RAEE Send the materials to a WEEE collection centre Envoyer les matériaux dans une déchetterie DEEE Die Materialien in einem WEEE-Zentrum entsorgen Zend de materialen naar een recyclingscentrum voor de AEEA Enviar los materiales a un centro de recogida RAEE Afløver materialerne på et indsamlingscenter for elektronisk udstyr Sende materialene til en miljøstasjon for resirkulering av EE-avfall Skicka materialet till en RAEE uppsamlingscentral Сдать материалы в пункт приема утильсырья 将材料送往电气和电子垃圾回收中心</p> 			
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