

Ribbon Plus Mounting Guide

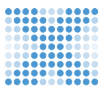
Safety and Operation



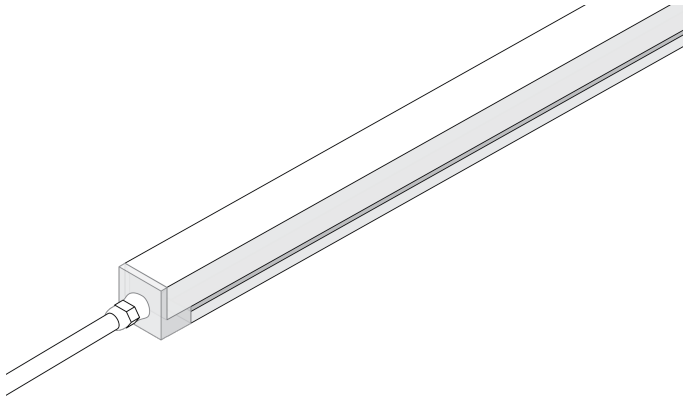
Please read through Safety and Operation before start of the installation.

CAUTION: Ensure power supply is OFF when disconnecting / connecting cables.

1. CAUTION - Avoid looking directly into the LED light source at close range.
2. Persons installing this product should make sure:
 - a. The installation complies with all applicable codes, state and local laws, ordinances, standards and safety regulations.
 - b. The installation environment is carefully studied and suitable surge protection measures are taken.
 - c. He or she is qualified and licensed for the handling of electrical equipment.
3. Do not attempt to install or use the product until installation instructions and safety labels are fully understood. This product is designed for indoor and outdoor use.
4. Ensure product operates within the specified temperature range.
5. Do not attempt to open the product. Not user serviceable.
6. Do not use the product if any part of it, or the power cables are damaged.
7. Do not attempt installation in wet or severe weather conditions. Do not submerge nor install within 5 feet of a swimming pool.
8. Do not leave or expose any fixture or LED Engines unconnected under wet/raining or snowing environment.
9. IP failure induced by stressed/damaged cables during or after installation will not be covered under warranty.
10. ALWAYS keep the cables protected from sharp objects and visually inspect to ensure there is no damage to the cable(s) prior to installation.
11. Failure to keep product within the operating temperature range of -22°F to +140°F / -30°C to +60°C will void the product's warranty.
12. Take care that supply voltages do not exceed the rated voltage of this product. Install with a compatible Listed Class 2 DC LED Driver only.
13. Always maintain connection to ensure waterproofing.
14. If the product has been subjected to drastic temperature variations , for example, during transportation or storage, do not connect the fixture until it has reached room temperature, as moisture or condensation may cause electric shock and product damages.
15. Ensure all power supplies, wiring, and supporting electrical components are installed in a clean environment shielded from excess water and direct sunlight.
16. Please study this Mounting Guide thoroughly and check the latest Technical Specification Sheets available from the Traxon website www.traxon-ecue.com before setup.
17. Any non-compliance of the Mounting Guide will void the Traxon warranty.



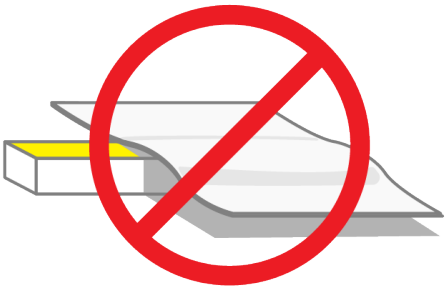
Handling



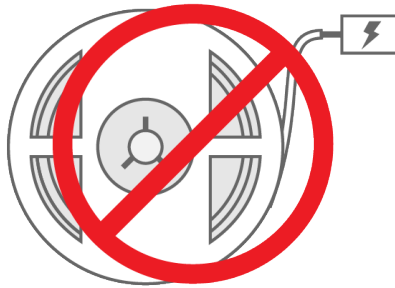
DO NOT CONNECT DIRECTLY TO LINE VOLTAGE POWER!

Read all warnings and installation instructions thoroughly.

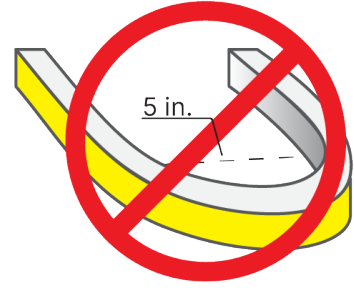
HANDLE WITH CARE



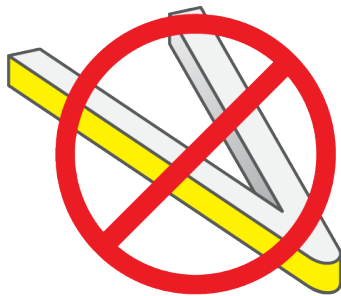
Do not cover with any materials.



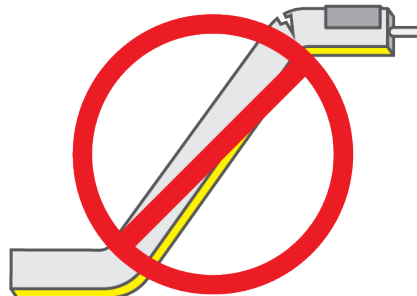
Do not power while attached to spool or tightly coiled.



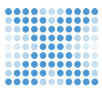
Do not bend to a diameter less than 5 inches.



Do not fold, crease, or twist.



Do not allow product hang unsupported during installation.



Assembly and Mounting

0. Field Assembly (Optional)

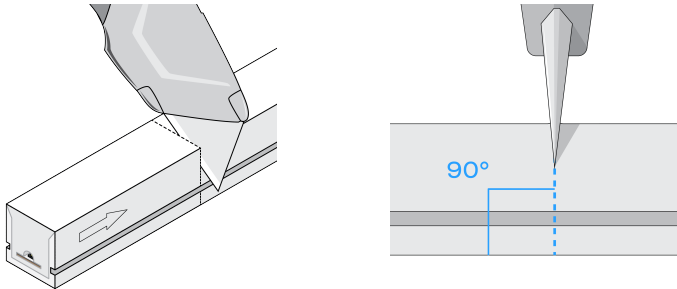
The factory assembly arrives with an IP67 rating. Field modification (cutting) reduces the rating to IP65.



ENSURE POWER IS OFF AND/OR NO ELECTRONIC CONNECTIONS ARE MADE BEFORE CUTTING

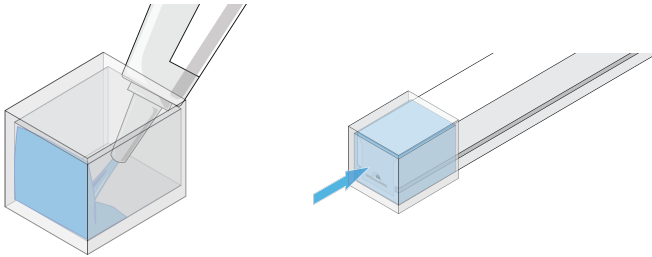
0A. Cut Ribbon Plus to length

Ribbon Plus Multi-Bend may be cut anywhere along its length. Ensure a flat, straight cut.



0B. Attach End Cap

Apply Permatex® 80050 adhesive inside end cap then slide end cap over end of Ribbon Plus. Allow curing time of 24 hours before installation.

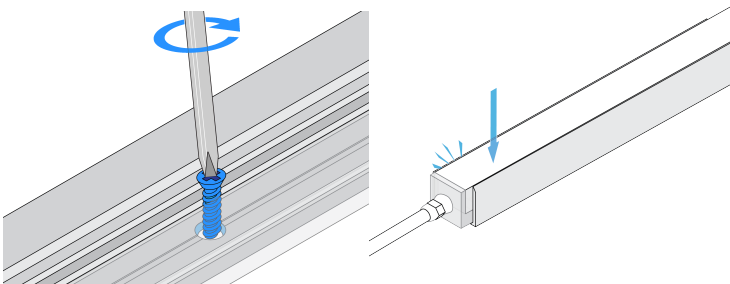


1. Turn Power Off at Circuit Breaker

Never install product when attached to a live circuit. Do not exceed Class 2 Limit.

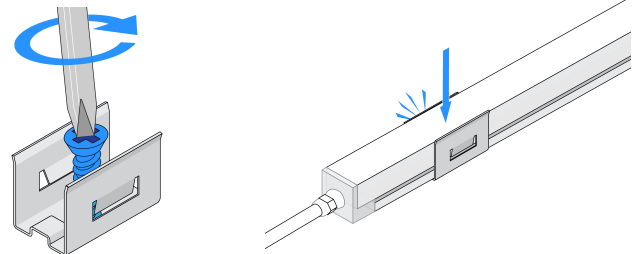
2A. Mounting (Channel)

Fasten channel to surface using mounting screws (by others), then press Ribbon Plus into channel keeping connector flush with channel end. If factory assembled the entire luminaire will fit within channel.



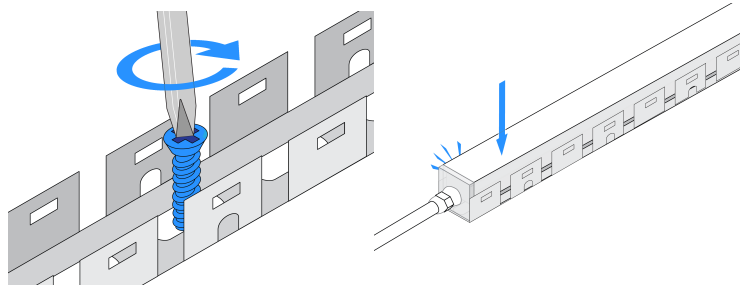
2B. Mounting (Bottom U-Clip)

At least every 6 inches, fasten bottom u-clips to surface using mounting screws, then press Ribbon Plus into bottom u-clip.



2C. Mounting (Spine Channel)

Fasten spine channel to surface using mounting screws (by others), then press Ribbon Plus into channel keeping connector flush with spine channel end. If factory assembled the entire luminaire will fit within spine channel.



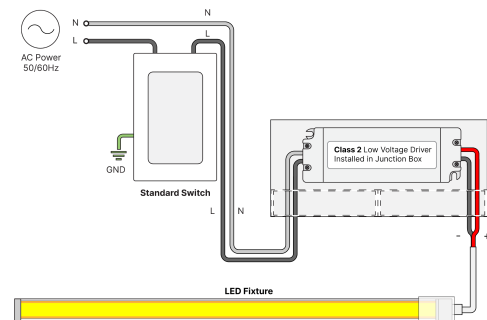
System Diagrams

Mount using the referenced mounting clips/channels.

The following diagram is an example system design. For information regarding larger systems or systems not pictured below, please see our web page or contact technical support. Always review each component installation guide for detailed and up-to-date wiring instructions. Install in accordance with national and local electrical codes.

Other diagrams will vary based on power and dimming requirements.

Standard Dimmer System Diagram





EN -CONNECT TO THE POWER SUPPLY IN ACCORDANCE WITH NATIONAL REGULATIONS. -IF THE EXTERNAL FLEXIBLE CABLE OF THIS LUMINAIRE IS DAMAGED, IT SHALL BE EXCLUSIVELY REPLACED BY THE MANUFACTURER OR A SIMILAR QUALIFIED PERSON IN ORDER TO AVOID ANY HAZARD. -INSTALLATION/MAINTENANCE ONLY BY SKILLED PERSONNEL. -DURING OVERHAUL/MAINTENANCE ONLY USE ORIGINAL PARTS. -IF ANY LUMINAIRE IS SUBSEQUENTLY MODIFIED, THE PERSON RESPONSIBLE FOR THE MODIFICATION SHALL BE CONSIDERED THE MANUFACTURER. -THE MANUFACTURER BEARS NO LIABILITY FOR DAMAGE CAUSED BY INAPPROPRIATE USE OR APPLICATION. -THE PRODUCTS MUST ONLY BE SECURED USING THE PROVIDED BRACKETS, AND OTHER UNRELIABLE FIXATION METHODS (E.G. QUICK-DRYING ADHESIVE, ZIP TIE FASTENING) ARE STRICTLY PROHIBITED. ANY QUALITY ISSUES ARISING FROM THE USE OF UNAUTHORIZED FIXATION METHODS WILL NOT BE COVERED UNDER WARRANTY.	DE -NETZANSCHLUSS BITTE NACH DEN LÄNDERSPEZIFISCHEN ERRICHTUNGSBESTIMMUNGEN TÄTIGEN. -FALLS DAS EXTERNE FLEXIBLE KABEL DIESER LEUCHTE BESCHÄDIGT IST, DARF ES AUSSCHLIESSLICH ERSETZT WERDEN DURCH DEN HERSTELLER ODER EINER ÄHNLICH QUALIFIZIERTEN PERSON, UM GEFÄHRDUNGEN ZU VERMEIDEN. -MONTAGE/WARTUNG NUR DURCH FACHKRÄFTE. -BEI INSTANDSETZUNG/INSTANDHALTUNG NUR ORIGINALTEILE VERWENDEN. -WERDEN NACHTRÄGLICH ÄNDERUNGEN AN LEUCHTEN VORGENOMMEN, SO GILT DERJENIGE ALS HERSTELLER, DER DIESE ÄNDERUNG VORNIMMT. -DER HERSTELLER ÜBERNIMMT KEINE HAFTUNG FÜR SCHÄDEN, DIE DURCH UNSACHGEMÄSSEN EINSATZ ENTSTEHEN.
FR -CONNEXION À L'ALIMENTATION CONFORMÉMENT AUX NORMES EN VIGUEUR. -SI LE CÂBLE EXTÉRIEUR SOUPLE OU LE CORDON DE CE LUMINAIRE EST ENDOMMAGÉ, IL DOIT ÊTRE REMPLACÉ EXCLUSIVEMENT PAR LE FABRICANT, OU TOUTE PERSONNE DE QUALIFICATION ÉQUIVALENTE, CECI AFIN D'ÉVITER TOUT RISQUE. -LES OPERATIONS D'INSTALLATION ET D'ENTRETIEN DOIVENT ÊTRE EFFECTUÉES EXCLUSIVEMENT PAR DES PERSONNES QUALIFIÉES. -DANS LE CAS D'UNE REMISE EN ÉTAT, UTILISER UNIQUEMENT DES COMPOSANTS D'ORIGINE. -TOUTES MODIFICATIONS APPORTÉES AU LUMINAIRE SE FERONT SOUS LA RESPONSABILITÉ EXCLUSIVE DE CELUI QUI LES EFFECTUE. -LE FABRICANT DECLINE TOUTE RESPONSABILITÉ RESULTANT D'UNE MISE EN ŒUVRE INAPPROPRIÉE DU PRODUIT.	IT -EFFETTUARE L'ALLACCIAMENTO ALLA RETE SECONDO LE NORME DI INSTALLAZIONE VIGENTI NEL PAESE D'UTILIZZO. -SE IL CAVO FLESSIBILE ESTERNO DI QUESTO APPARECCHIO D'ILLUMINAZIONE È DANNEGGIATO, PER EVITARE PERICOLI ESSO PUÒ ESSERE SOSTITUITO ESCLUSIVAMENTE DAL PRODUTTORE O DA PERSONA DOTATA DI ANALOGA QUALIFICA. -MONTAGGIO/MANUTENZIONE SOLO PER MEZZO DI PERSONALE SPECIALIZZATO. -PER RIPARAZIONE/MANUTENZIONE IMPIEGARE SOLO PARTI ORIGINALI. -IL COSTRUTTORE SI RISERVA IL DIRITTO DI APPORTARE SENZA PREAVVISO MODIFICHE DI PESO, DIMENSIONI E CARATTERISTICHE TECNICHE. -IL COSTRUTTORE NON È RESPONSABILE PER DANNI DERIVANTI DA MODIFICHE REALIZZATE DA TERZI E DA UNA INSTALLAZIONE NON CORRETTA.
ES -LA CONEXIÓN A RED DEBE DE REALIZARSE SIGUIENDO LAS NORMAS ESPECÍFICAS DE CADA PAÍSES. -EN CASO DE QUE EL CABLE EXTERNO FLEXIBLE DE ESTA LUMINARIA ESTE DAÑADO SÓLO PUEDE REEMPLAZARSE POR EL FABRICANTE O UNA PERSONA SIMILAR CUALIFICADA, PARA EVITAR PELIGROS. -EL MONTAJE Y MANTENIMIENTO LO EFECTUARÁN ÚNICAMENTE LOS TÉCNICOS ESPECIALIZADOS. -PARA REPARACIONES HAN DE EMPLEARSE SÓLO PIEZAS ORIGINALES DE RECAMBIO. -RESERVADO EL DERECHO DE MODIFICACION DE DIMENSIONES, PESOS Y CARACTERÍSTICAS TÉCNICAS, SIN PREVIO AVISO. -EL FABRICANTE NO ASSUME RESPONSABILIDAD POR MODIFICACIONES REALIZADAS POR TERCEROS, NIP OR INSTALACION INCORRECTA.	PT -LIGAR À FONTE DE ALIMENTAÇÃO, DE ACORDO COM A REGULAMENTAÇÃO NACIONAL. -CASO O CABO EXTERNO E FLEXÍVEL DA LUMINÁRIA SE DANIFIQUE, DEVE SER SUBSTITUÍDO PELO FABRICANTE OU PESSOA IGUALMENTE QUALIFICADA, PARA EVITAR SITUAÇÕES DE PERIGO. -MONTAGEM/MANUTENÇÃO EFECTUADA UNICAMENTE POR PESSOAL TÉCNICO ESPECIALIZADO. -UTILIZAR SOMENTE PEÇAS ORIGINAIS DO FABRICANTE. -O FABRICANTE NÃO SE RESPONSABILIZA POR DANOS RESULTANTES DA INADEQUADA UTILIZAÇÃO DOS MATERIAIS.
EL -ΗΣΥΝΔΕΣΗ ΜΕ ΤΗΝ ΠΑΡΟΧΗ ΡΕΥΜΑΤΟΣ ΝΑ ΓΙΝΕΤΑΙ ΣΥΜΦΩΝΑ ΜΕ ΤΙΣ ΕΘΝΙΚΕΣ ΠΡΟΔΙΑΓΡΑΦΕΣ. -ΣΕ ΠΕΡΙΠΤΩΣΗ ΠΟΥ ΤΟ ΕΞΩΤΕΡΙΚΟ ΕΥΚΑΜΠΤΟ ΚΑΛΩΔΙΟ ΑΥΤΟΥ ΤΟΥ ΦΩΤΙΣΤΙΚΟΥ ΕΙΝΑΙ ΚΑΤΕΣΤΡΑΜΜΕΝΟ, ΠΡΕΠΕΙ ΝΑ ΑΝΤΙΚΑΤΑΣΤΑΘΕΙ ΑΠΟΚΛΕΙΣΤΙΚΑ ΚΑΙ ΜΟΝΟ ΑΠΟ ΤΟΝ ΚΑΤΑΣΚΕΥΑΣΤΗ Η ΑΠΟ ΑΛΛΟ ΕΞΟΥΣΙΟΔΟΤΗΜΕΝΟ ΑΤΟΜΟ, ΓΙΑ ΤΗΝ ΑΠΟΦΥΓΗ ΚΙΝΔΥΝΩΝ. -ΤΟΠΟΘΕΤΗΣΗ/ΣΥΝΤΗΡΗΣΗ ΜΟΝΟ ΑΠΟ ΗΛΕΚΤΡΟΛΟΓΟ. -ΚΑΤΑ ΤΗΝ ΕΠΙΣΚΕΥΗ/ΔΙΑΤΗΡΗΣΗ ΧΡΗΣΙΜΟΠΟΙΕΙΤΕ ΓΝΗΣΙΑ ΑΝΤΑΛΛΑΚΤΙΚΑ ΜΟΝΟ.	NL -AANSLUITEN OP HET LICHTNET, CONFORM DE NATIONALE REGELGEVING. -ALS HET EXTERNE FLEXIBELE SNOER VAN DEZE ARMATUUR BESCHADIGD IS, MAG DIT UITSLUITEND WORDEN VERVANGEN DOOR DE FABRIKANT OF EEN ANDERE GEKwalificeerde Persoon, om risico's te voorkomen. -MONTAGE/SERVICE ALLEEN DOOR VAKKUNDIG PERSONEEL. -BIJ INBEDRIJFSTELLEN/ONDERHOUD ALLEEN ORIGINELE ONDERDELEN GEBRUIKEN.
SV -NÄTANSLUTNING SKALL SKE ENLIGT NATIONELLA BESTÄMMELSER. -ÄR DEN EXTERNA FLEXIBLA SLADDEN PÅ LAMPAN SKADAD, FÅR ENDAST TILLVERKAREN ELLER EN ANNAN PERSON MED LIKNANDE KVALIFIKATIONER BYTA UT DENNA, FÖR ATT UNDVIKA FAROR. -MONTERING AKÖTSEL ENDAÅT AV FACKFOLK. -ANVÄND BARA ORIGINALDELAR VID IGANGSÄTTNING/UNDERHÅLL.	NO -KOBLE TIL STRØMFORSYNINGEN I HENHOLD TIL NASJONALE BESTEMMELSER. -HVIS DEN EKSTERNE OG FLEKSIBLE KABELN TIL DENNE LAMPEN ER SKADET, SÅ MÅ DEN KUN SKIFTES UT AV PRODUSENTEN ELLER EN LIKEVERDIG KVALISERT PERSON, FOR AT SKADER UNNGÅS. -MONTERES KUN AV FAGPERONELL. -VED FEILRETTING : BRUK KUN ORGINALDELER.
CZ -PŘIPOJENÍ K SÍŤOVÉMU NAPĚTÍ DLE PLATNÝCH NÁRODNÍCH NOREM. -POKUD JE EXTERNÍ PRUŽNÝ KABEL TOHOTO SVĚTLIDLA POŠKODEN, SMÍ JEHO VÝMĚNU PROVÉST POUZE VÝROBCE NEBO PODOBNĚ KVALIFIKOVANÁ OSOBA, ABY NEDOŠLO K ŽÁDNÉMU OHROŽENÍ. -MONTÁŽ A ÚDRŽBA MŮŽE BÝT PROVÁDĚNA VYHRADNĚ ODBORNOU OSOBOU. -PŘI ÚDRŽBĚ NEBO OPRAVĚ MUSÍ BÝT POUŽITY JEN ORIGINÁLNÍ NÁHRADNÍ DÍLY.	RU -ВЫПОЛНИТЬ ПОДКЛЮЧЕНИЕ К СЕТИ В СООТВЕТСТВИИ С ПРИНЯТЫМИ В ДАННОЙ СТРАНЕ ПРАВИЛАМИ МОНТАЖА. -В СЛУЧАЕ ПОВРЕЖДЕНИЯ ВНЕШНЕГО ГИБКОГО КАБЕЛЯ ЭТОГО СВЕТИЛЬНИКА, ЧТОБЫ ИСКЛЮЧИТЬ РИСК, ОН ДОЛЖЕН БЫТЬ ЗАМЕНЕН ТОЛЬКО ИЗГОТОВИТЕЛЕМ ИЛИ ЛИЦОМ, ИМЕЮЩИМ ТАКУЮ ЖЕ КВАЛИФИКАЦИЮ. -ПРИ РЕМОНТЕ ПРИМЕНЯТЬ ТОЛЬКО ТЕЖЕ САМЫЕ ЧАСТИ. -МОНТАЖ/ОБСЛУЖИВАНИЕ ТОЛЬКО СПЕЦИАЛИСТАМИ.
HU -CSATLAKOZTASSA A TÁPEGYSÉGBE A HELYI ELŐÍRÁSOKNAK MEGFELELŐEN. -HA EZEN LÁMPÁK HAJLÍTHATÓ/RUGALMAS KÁBELEI MEGSÉRÜLNEK, AKKOR AZOK KIZÁRÓLAG CSAK A GYÁRTÓ VAGY HASONLÓAN KVALIFIKÁLT SZEMÉLY ÁLTAL CSERÉLHETŐK KI, HOGY ELKERÜLJÜK A BALESETEKET. -A SZERELÉST/KARBANTARTÁST CSAK SZAKSZEMÉLYZET VÉGEZHETI. -ÜZEMBELYEZESNEL/KARBANTARTASNAK CSAK EREDETI ALKATRÉSZEK HASZNÁLHATÓK.	PL -ZASILANIE NALEŻY POŁĄCZYĆ ZGODNIE Z WYMAGANIAMY ODPOWIEDNICH NORM. -W PRZYPADKU USZKODZENIA PRZEWODU ZASILAJĄCEGO NALEŻY GO WYMIENIĆ NA NOWY. WYMIANA PRZEWODU MOŻE BYĆ WYKONANA JEDYNI PRZEZ WYKwalifikowanego elektryka. -MONTAŻ/KONSERWACJA TYLKO PRZEZ FACHOWY PERSONAL. -DLA NAPRAWY/BIEŻĄCEJ EKSPLOATACJI STOSOWAĆ TYLKO ORYGINALNE CZĘŚCI ZAMIENNE.
SK -ZAPOJTE DO EL. PRÍVODU PODĽA PREDPÍSANÝCH NORIEM. -AK JE EXTERNÝ PRUŽNÝ KÁBEL TOHTO SVETIDLA POŠKODENÝ, SMIE BYŤ NAHRADENÝ VÝLUČNE VÝROBCOM ALEBO PODOBNE KVALIFIKOVANOU OSOBOU, ABY SA ZABRÁNILO OHROZENIU. -MONTÁŽ/VZDRŽEVANJE LAHKO IZVRŠI LE USTREZNO USPOSOBLJENA OSEBA. -PRI POPRAVILU/VZDRŽEVALNIH DELIH SE LAHKO UPORABLJAJO SAMO ORIGINÁLNI DELI. -V KOLIKOR SE NA SVETILKAH NAKNADNO IZVEDEJO SPREMEMBE, SE ZA PROIZVAJALCA SVETILKE SMATRA TISTI, KI JE IZVEDEL SPREMEMBO. -PROIZVAJALEC NE JAMČI ZA ŠKODO, KI BI NASTALA ZARADI NEPRÁVILNE UPORABE.	TR -ŞEBEKE BAĞLANTISINI LÜTFEN ÜLKEYE ÖZGÜ KURULUM KURALLARI ÇERÇEVESİNDE YAPINIZ. -AVİZENİN [LUMINAIRE] HARICI ESNEK KABLOSUNUN HASAR GÖRMESİ DURUMUNDA, TEHLİKELERDEN KAÇINMAK ÜZERE BU SADECE ÜRETİCİ TARAFINDAN VEYA BENZERİ VASİFLİ KİŞİLER TARAFINDAN DEĞİŞTİRİLEBİLİR. -MONTAJ VE BAKIM SADECE YETKİLİ PERSONEL TARAFINDAN YAPILMALIDIR. -BAKIMDA SADECE ORJINAL PARÇALAR KULLANIMALIDIR.
HR -MOLIMO IZVRŠITE MREŽNI PRIKLJUČAK PREMA SPECIFIČNIM NACIONALNIM ODREDBAMA O NJEGOVOM IZVRŠENJU. -UKOLIKO JE EKSTERNI, FLEKSIBILNI KABEL TE SVJETILJKE OŠTEĆEN, ZAMJENA ISTOG JE DOZVOLJENA ISKLJUČIVO PROIZVOĐAČU ILI SLIČNOJ KVALIFICIRANOJ OSOBI, KAKO BI SE IZBJEGLE OPASNOSTI. -MONTAŽU/ODRŽAVANJE MORA VRŠITI ODGOVARAJUĆE OSPOSOBLJENA OSOBA. -PRI POPRAVKU/ODRŽAVANJU KORISTITI SAMO ORIGINALNE DIJELOVE. -UKOLIKO SE NA SVJETILJKAMA NAKNADNO VRŠE PROMJENE, ZA PROIZVOĐAČA SVJETILJKE SE SMATRA TAJ KOJI JE PROMJENE IZVRŠIO. -PROIZVOĐAČ NE GARANTUJE ZA ŠTETU KOJA BI MOGLA NASTATI USLED NEPRÁVILNE UPOTREBE.	SR -MOLIMO DA MREŽNI PRIKLJUČAK PROVEDETE PREMA SPECIFIČNIM NACIONALNIM ODREDBAMA O NJEGOVOM PROVOĐENJU. -AKO JE EKSTERNI FLEKSIBILNI KABAL OVE SVETILJKE OŠTEĆEN, NJEGA SME DA ZAMENI ISKLJUČIVO PROIZVOĐAČ ILI NEKO SLIČNO KVALIFIKOVANO LICE, DA BI SE IZBEGLA UGROŽAVANJA. -MONTAŽU/ODRŽA VANJE MOŽE DA OBAVI SAMO STRUČNO OSPOSOBLJENA OSOBA. -PRI POPRAVLJANJU/ODRŽAVANJU UPOTREBLJAVATI SAMO ORIGINALNE DELOVE. -UKOLIKO SE NA SVETILKAMA NAKNADNO URADE IZMENE, ZA PROIZVOĐAČA SVETILKE ĆE SE SMATRATI ONAJ KO IZMENE IZVRŠI. -PROIZVOĐAČ NE GARANTUJE ZA ŠTETU KOJA BI MOGLA NASTATI USLED NEPRÁVILNE UPOTREBE.



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