

**BETRIEBSANLEITUNG FÜR  
LED BÄNDER  
Unex Flex High Power IP65**

**OPERATING MANUAL FOR  
LED STRIPS  
Unex Flex High Power IP65**

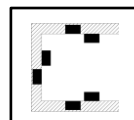
**MODE D'EMPLOI POUR  
LED STRIPS  
Unex Flex High Power IP65**

**ISTRUZIONI DI FUNZIONAMENTO PER  
LED STRIPS  
Unex Flex High Power IP65**

120-101-21 / 2700K  
120-101-71 / 3000K  
120-101-41 / 4000K



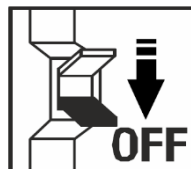
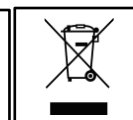
24V



IP65

+40°C  
-20°C

LED  
14,4W/m



Schalten Sie die Stromversorgung bzw. die Anschlussleitung spannungsfrei, bevor Sie jegliche Arbeiten vornehmen!  
Switch off the mains or respectively the connection lead before doing any works!  
Coupez l'interrupteur général de votre installation de la ligne de rattachement concernée, avant de commencer tout travail!  
Tolga la tensione dall'approvvigionamento della corrente ovvero del cavo di alimentazione, prima di eseguire un lavoro!



**DE** Die Montage und Inbetriebnahme darf nur von autorisiertem Fachpersonal durchgeführt werden (Elektroinstallateur). Die Leuchte dient ausschliesslich der Beleuchtung und ist entsprechend den Errichtungsbestimmungen zu installieren. Eine andere Nutzung oder ein anderer Einbau gilt als nicht „bestimmungsgemäss“.

**Achtung!** Während der Verdrahtung und Installation der Leuchten und Versorgungsgeräte immer spannungslos arbeiten. Nichtbeachten kann zur Zerstörung der LED-Module führen. **Bei Defekt zurück an Hersteller.** Montageanleitung muss aufbewahrt werden. Technische Änderungen vorbehalten.

**EN** Installation and commissioning may only be carried out by authorised technical personnel (electrical fitters). The luminaire is designed solely for lighting and is to be installed according to the installation instructions. Any other use or any other installation is considered to be improper.

**Caution!** Make sure that the luminaires and power supply units are always disconnected from the main supply during wiring and installation work. Otherwise, the LED modules may be destroyed. **Return to manufacturer if defects are found.** Assembly instructions must be kept. Subject to technical change without notice.

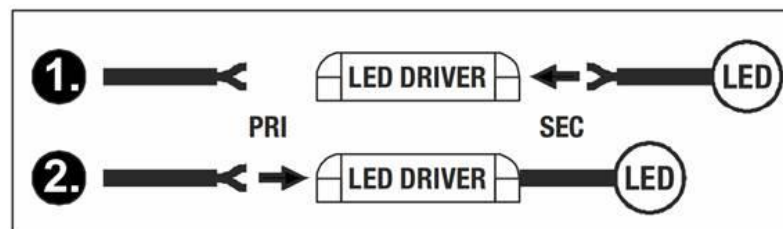
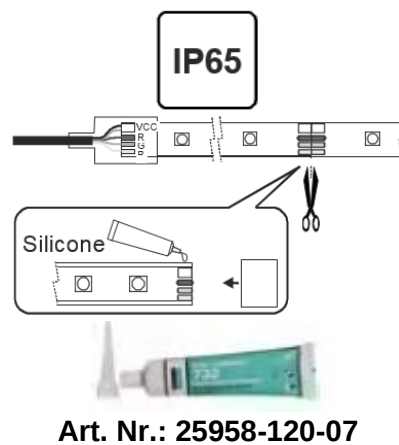
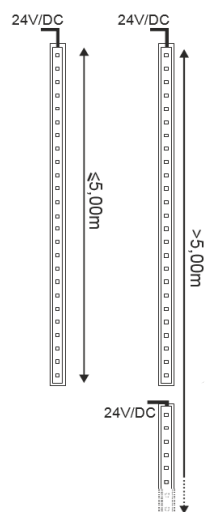
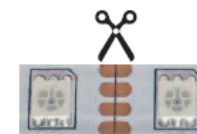
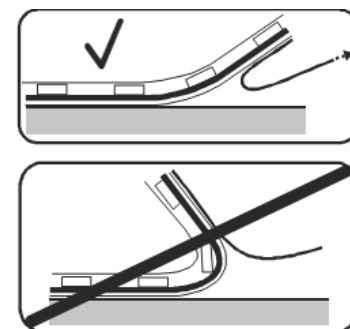
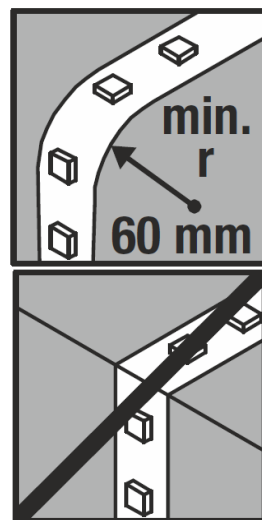
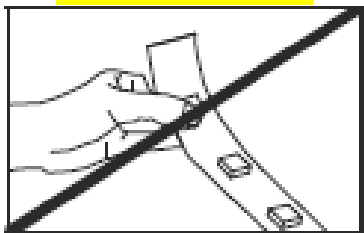
**FR** Le montage et la mise en service ne peuvent être effectués que par du personnel spécialisé autorisé (installateur électrique). Le luminaire sert uniquement à éclairer et doit être installé conformément aux dispositions d'édification. Une autre utilisation ou intégration est considérée comme «non conforme aux dispositions».

**Attention!** Toujours travailler hors tension lors du câblage et de l'installation des luminaires et unités d'alimentation. Le non-respect de cette consigne peut entraîner la destruction des modules à LED. **Retourner au fabricant en cas de défaut.** L'instruction de montage doit être conservée. Sous réserve de modifications.

**IT** Montaggio e messa in funzione possono essere effettuati solo da personale specializzato autorizzato (elettroinstallatori). Il proiettore serve esclusivamente a scopo di illuminazione e deve essere installato secondo le disposizioni di montaggio. Un altro utilizzo o un'altra modalità di incasso sono considerati "non conformi".

**Attenzione!** Lavorare sempre in assenza di tensione mentre si cablano e si installano gli apparecchi e le unità di alimentazione. In caso contrario i moduli LED possono andare distrutti! **In caso di guasto rispedire il proiettore al produttore.** Le istruzioni di montaggio devono essere conservate. I dati tecnici possono subire modifiche senza preavviso.

Technische Änderungen vorbehalten / Les détails techniques sont sujet à des changements.  
Modifiche tecniche riservate / Technical Details are subject to change.  
04.06.2021 © unex lighting AG / Flüelastrasse 12 / 8048 Zürich



## Hinweise zum Löten / Note pour le soudage / Note per la saldatura / Notes on soldering

Teilbare Streifen enthalten gekennzeichnete Lötstellen zum Befestigen von Leitungen. Achten Sie beim Löten darauf, dass der LötKolben nur sehr kurz Kontakt mit dem Strip hat. Zu hohe Hitze zerstört die Leiterbahn / LED-Chip und damit den Streifen.

A chaque segment il est possible de souder les fils de raccordement, veillez à ne mettre le fer que brièvement seulement en contact avec la bande. Une chaleur excessive détruit l'interconnexion / puce LED et donc la bande.

Strisce divisibili contengono saldatura indicato per il fissaggio di linee. Mentre saldatura che la Irons solo brevemente a contatto con la striscia. Il calore eccessivo distrutto il chip di interconnessione / LED e quindi la striscia.

Divisible strips contain marked soldering points for fastening of lines. When soldering, make sure that the soldering iron has very short contact with the strip. Too high heat destroys the conductor / LED chip and thus the strip

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| <b>Deutsch</b> <ul style="list-style-type: none"><li>• Installations-, Montagearbeiten und Arbeiten am elektrischen Anschluss darf nur eine zugelassene Elektrofachkraft durchführen.</li><li>• Achtung: Während der gesamten Dauer der Installation muss die Anschlussleitung spannungsfrei bleiben! Ein Anschluss unter Spannung zerstört die LED!</li><li>• Betreiben Sie das Produkt nicht in der Verpackung oder im aufgewickelten Zustand, durch Eigenerwärmung kann das Produkt zerstört werden.</li><li>• LED reagieren empfindlich auf hohe Temperaturen! Berücksichtigen Sie vor dem Einbau, die am Betriebsort zu erwartende Temperatur. Diese darf die zulässige Umgebungstemperatur (ta) des Produkts nicht überschreiten.</li><li>• Verwenden Sie ein geeignetes Netzteil und/oder Steuergerät, Ausgangsspannung: 24V/DC. Beachten Sie die Gerätehinweise!</li><li>• Erstellen Sie die Installation gemäß dem Anschlusschema.</li><li>• Es dürfen maximal 5m LED STRIP seriell an einer Einspeisung betrieben werden.</li><li>• Die Strips sind alle 5cm trennbar.</li><li>• Betreiben Sie das Produkt nur mit fachgerecht abgedichteten Kontakten.</li><li>• Achten Sie bei der Verlegung des Produktes darauf, dass es nicht durch scharfe Kanten oder Sonstiges beschädigt wird. Eine mechanische Beanspruchung des Produktes ist nicht zulässig.</li><li>• Bei Verwendung des Klebestreifens muss der Untergrund eben, sauber und fettfrei sein.</li></ul> | <b>FRANÇAIS</b> <ul style="list-style-type: none"><li>• L'installation, le montage et les travaux de branchement doivent être effectués seulement par un personnel professionnellement qualifié et agréé.</li><li>• Attention: Pendant toute l'installation, la ligne de jonction doit rester hors tension! Un raccordement avec de la tension endommagera la diode électroluminescente.</li><li>• N'utilisez pas le produit ni dans son emballage ni en état enroulé, car un auto-échauffement peut endommager le produit.</li><li>• Les LED sont sensibles aux hautes températures! Veuillez prendre en considération la température (ta) présumée au lieu du fonctionnement avant le montage.</li><li>• Utilisez une portion de ligne et/ou un poste de commande, tension de sortie: 24V/DC. Faites attention aux indications du produit!</li><li>• Faites l'installation selon le schéma de raccordement.</li><li>• 5m de LED STRIP série au maximum peuvent être mis en service par une seule alimentation.</li><li>• Les bandes sont toutes les 5cm séparables par LED.</li><li>• Ne mettez pas le produit en service qu'avec des contacts colmatés dans les règles de l'art. Utilisez seulement des gaines thermo-rétractables appropriées ou des raccords à manchon freté pour colmater les connexions.</li><li>• En posant le produit, faites attention à ce qu'elle ne soit pas endommagée par des angles vifs ou par d'autres choses. Il est interdit d'exposer le produit des agressions mécaniques.</li><li>• Dans le cas où vous utiliser un adhésif la surface doit être pleine, propre et sans graisse.</li></ul> | <b>ITALIANO</b> <ul style="list-style-type: none"><li>• I lavori di installazione, montaggio e collegamento possono venir eseguiti esclusivamente da un elettricista professionista autorizzato.</li><li>• Attenzione: Durante l'intera durata dell'installazione il condotto di collegamento deve rimanere a tensione zero! Un collegamento a tensione danneggia i LED!</li><li>• Non metta mai in funzione il prodotto imballato o incartato, visto che con il surriscaldamento proprio il prodotto può essere danneggiato.</li><li>• I LED reagiscono in modo sensibile ad alte temperature! Prima del montaggio consideri la temperatura prevista sul luogo di funzionamento. Questa non deve oltrepassare la temperatura dell'ambiente (ta) del prodotto..</li><li>• Utilizzi un componente di rete e/o un apparecchio di pilotaggio adeguato con tensione di partenza: 24V/DC. Si attenga alle indicazioni delle apparecchiature!</li><li>• Esegua l'installazione secondo lo schema dei collegamenti.</li><li>• Si possono fissare al massimo 5m di LED STRIP seriale ad un'alimentazione.</li><li>• Gli strip sono tutti e 5cm separabili dal LED.</li><li>• Metta in funzione il prodotto unicamente servendosi di contatti dotati di guarnizioni. Per dotare i collegamenti e le estremità aperte di guarnizioni faccia uso esclusivamente di tubi di contrazione o manicotti di riduzione adatti.</li><li>• Mentre installa il prodotto, faccia attenzione che non subisca danneggiamenti da bordi acuti o simili. Lo sforzo meccanico del prodotto non è ammesso.</li><li>• Nel caso dell'uso di un nastro adesivo, il sottofondo deve essere diritto, pulito e privo di grassi.</li></ul> | <b>English</b> <ul style="list-style-type: none"><li>• Installation, mounting or works on the electrical connection may only be carried out by an approved electrician.</li><li>• Attention: Keep the whole installation off power until the work is completely finished. A connection with the power on will destroy the LED.</li><li>• Do not operate the product rolled-up or in its package. The product may be destroyed by its self-generated heat.</li><li>• LED react sensitive on high temperatures! Before installation pay attention to the expected temperature at the place of operation. This may not exceed the allowed ambient temperature (ta) of the product.</li><li>• Use only a suitable power supply unit and/or control unit, output: 24V/DC constant. Note the instructions!</li><li>• Establish the installation according to the installation diagram.</li><li>• You may operate up to 5m LED STRIP serial on one feed-in.</li><li>• The strip may be cut each 5cm LED.</li><li>• Operate the product only when all contacts are sealed.</li><li>• Make sure the light chain is not damaged by sharp edges and the like when installing it. Do not strain the product mechanically.</li><li>• When using the sticking tape the surface must be even, clean and free of grease.</li></ul> |
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