

OPTONICA

LED STRIP - SINGLE COLOR

Check Points:

1. Please check the lamp carefully before the installation.
2. Ensure the power is off before wiring and installation.

How to Choose a Power Supply

Tips

1. Please be kindly informed that the total wattage of LED strip lights should not exceed the max wattage of the adaptor you chose.
2. All the Adapters mentioned in this User Guide have only one DC output terminal. Thus they can only be used for one single strip light or a strip connected in series.
3. To guaranty the lighting uniformity of both the front and the end of the strip light, please do not connect the led strip light more than 5m.
4. If you want to use several strip lights together, please connect them in parallel and choose another adapter with more than one output terminal

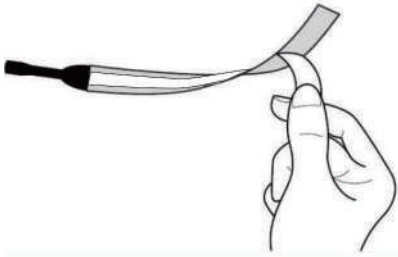
HOW TO INSTALL

STEP 1

If you want cut this strip light, please refer to the detail instructions of LED Strip DIY(following).

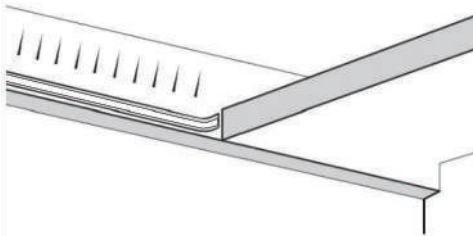
STEP 2

Tear off the covering of the adhesive back of LED strip light.



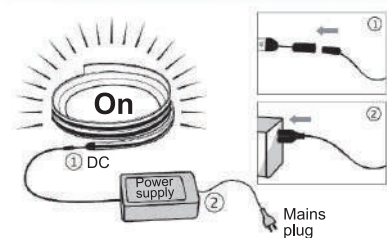
STEP 3

Stick up the adhesive strip onto where you want to use it.



STEP 4

Connect the LED strip and adapter with remote controller box, and then insert the DC plug of adapter into the remote controller box. At last connect another plug of adapter into the main socket to power it on.



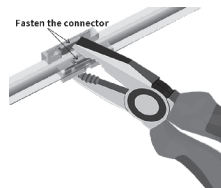
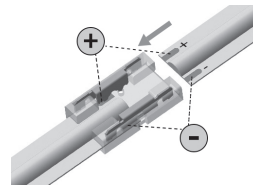
LED Strip DIY

How to cut the LED strip



Please cut the LED strip through the lines marked on it.

How to connect the LED strip in series



1. Please prepare two or more LED strips, and make sure the total wattage of LED strips should not exceed the max wattage of the adaptor you chose.
2. Please prepare another adapter with more than one output terminal. (All the Adapters mentioned in this User Guide have only one DC output terminal)
3. Please ensure that all the LED strips you want to be connected in parallel should be equipped with a DC port.
4. If a LED strip without any DC port, please equip it with the DC cable (included in the packing box). Please also make sure the positive and negative should be connected correctly.
5. When all the strips are equipped with a DC port, connect them directly into the adapter for more than one terminal.

How to connect LED strip lights in parallel

1. Please prepare two or more LED strips, and make sure the total wattage of LED strips should not exceed the max wattage of the adaptor you chose.
2. Please prepare a multi-ports adapter, (All the Adapters mentioned in this User Guide have only one DC output terminal)
3. Please ensure that all the LED strips be equipped with the remote controller box.
4. When all the strips are equipped with the remote controller boxes, connect them into the multi-ports adapter.
5. Connect the multi-ports adapter into main sockets to power it on.

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Vor der Installation:

1. Bitte überprüfen Sie den LED Streifen vor dessen Installation.
2. Stellen Sie sicher, dass die Stromversorgung vor der Verkabelung abgeschaltet wurde.

Wahl des Netzteils

Tipps:

1. Die Gesamtleistung des LED Streifens (Meteranzahl x Verbrauch + 20 % Reserveleistung) darf nicht die maximale Wattleistung des Netzteils überschreiten.
2. Alle in dieser Bedienungsanleitung genannten Netzteile besitzen lediglich einen DC Ausgang. Sie können daher lediglich für einen einzelnen LED Streifen oder einen in Serie geschalteten LED Streifen verwendet werden.
3. Um die Gleichmäßigkeit der Beleuchtung zu gewährleisten verbinden Sie den LED Streifen alle 5 Meter mit einer Stromversorgung.
4. Sollten mehr als 5 Meter des LED Streifens verlegt werden, schließen Sie diese parallel an ein Netzteil mit mehreren DC Ausgängen an.

Installation des LED Streifens

Schritt 1

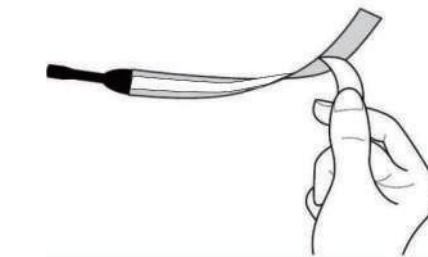
Bitte bereiten Sie das erforderliche Zubehör vor dem Anschluss und der weiteren Verkabelung vor (die Parameter und das notwendige Zubehör entnehmen Sie bitte der beiliegenden Auflistung). Sollte ein Zubehör nicht vorhanden sein, bitten wir Sie eine weitere Bestellung über dieses zu tätigen.

Schritt 2

Möchten Sie den LED Streifen zuschneiden, bitten wir Sie als Hilfestellung den detaillierten Anweisungen von "LED Streifen DIY" zu entnehmen (folgend).

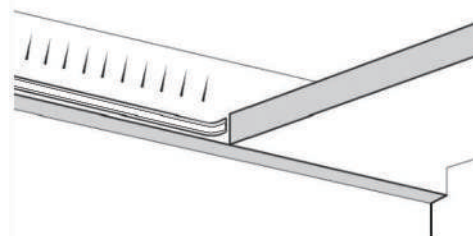
Schritt 3

Ziehen Sie die Schutzschicht der Klebeschicht des LED Streifens ab.



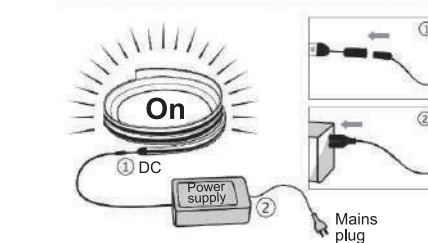
Schritt 4

Kleben Sie den LED Streifen an die Stelle, an der Sie ihn verwenden möchten.



Schritt 5

Verbinden Sie das DC Netzteil mit den LED Streifen. Anschließend verbinden Sie den Stecker des Netzteils mit der Steckdose.



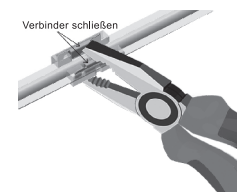
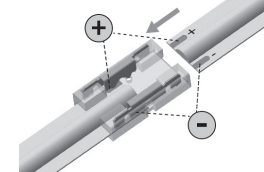
LED Streifen DIY

LED Streifen kürzen



Bitte kürzen Sie den LED Streifen nur an den hierfür gekennzeichneten Stellen.

Verbindung zweier LED Streifen



1. Schneiden Sie den COB LED Streifen an den gekennzeichneten Stellen mit einer Schere ab.
2. Ziehen Sie ein kleines Stück der Klebeschicht auf der Rückseite des LED Streifens ab. Diese wird weiter mit dem Connector verbunden.
3. Führen Sie den LED Streifen in den Verbinderein. Stellen Sie sicher, dass sich das Ende des LED Streifens in der Mitte des Verbinders befindet.
4. Führen Sie einen weiteren LED Streifen auf die leere Seite des Verbinders ein, bis sich dessen Ende ebenfalls in der Mitte des Verbinders befindet.
5. Stellen Sie sicher, dass der Plus- und Minuspol des LED Streifens korrekt verbunden wurde.
6. Verwenden Sie eine Zange, um die Metallbefestigungen mit der Platine der LED Streifen zu verbinden.

Installation mehrerer LED Streifen

1. Bereiten Sie die LED Streifen für dessen Installation vor und achten Sie, dass die Gesamtleistung der LED Streifen nicht die maximal zulässige Wattanzahl des zu wählenden Netzteils überschreitet (Meteranzahl x Verbrauch + 20 % Reserveleistung)
2. Bereiten Sie ein Netzteil mit mehr als einen DC Ausgang vor. (Alle in der Bedienungsanleitung angeführten Netzteile besitzen lediglich einen DC Ausgang)
3. Stellen Sie sicher, dass alle LED Streifen, welche parallel angeschlossen werden, mit einem DC Ausgang des Netzteils verbunden sind.
4. Sollte ein LED Streifen kein Anschlusskabel besitzen, stellen Sie diesen bitte mit einem Anschlusskabel aus (in der Verpackung inkludiert). Bitte achten Sie hierbei ebenfalls auf den Plus- und Minuskanal des LED Streifens.
5. Wenn alle LED Streifen mit einem Anschlusskabel verbunden sind, verbinden Sie diese weiter mit dem gewählten Netzteil mit mehreren DC Ausgängen.

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Инструкции за употреба за едноцветна лента

Уверете се, че:

1. Сте огледали лентата добре и сте обърнали внимание на всички части преди инсталация.
2. Сте изключили захранването преди окабеляване и инсталация.

Как да изберете подходящо захранване

Съвети:

1. Желеам да ви информираме, че общата мощност на LED лентите не бива да надхвърля максималната мощност на избора от Вас адаптер.
2. Всички адаптери, споменати в тези инструкции, имат само един изход с постоянен ток. Следователно могат да бъдат използвани само за една LED лента или ленти, свързани последователно.
3. За да осигурите равномерна осветеност на лентата, молим да не свързвате ленти с дължина по-голяма от 5 метра.
4. Ако желаете да използвате множество ленти заедно, моля свържете ги успоредно и изберете адаптер с повече от един изходен терминал.

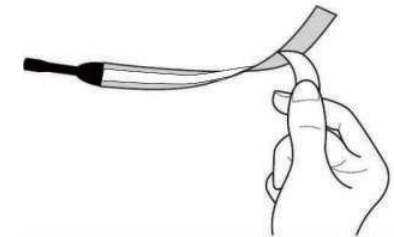
ИНСТАЛАЦИЯ

СТЪПКА 1

Ако искате да изрежете лентата, вижте картинката на "Как да изрежете LED лентата"

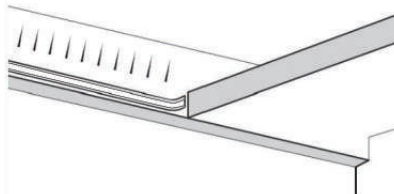
СТЪПКА 2

Махнете покритието на лепилото от задната страна на LED лентата.



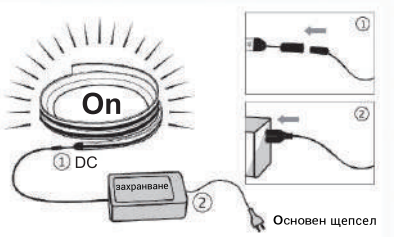
СТЪПКА 3

Залепете лентата на мястото, където искате да я ползвате.



СТЪПКА 4

Свържете LED лентата и адаптера с кутията с дистанционното, след което включете щепсела за захранване в кутията с дистанционното. Накрая включете щепсела на адаптера в контакта, за да го включите.



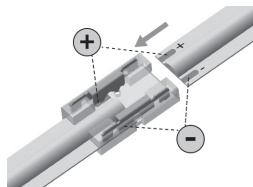
Направи си сам LED лента

Как да изрежете LED лентата

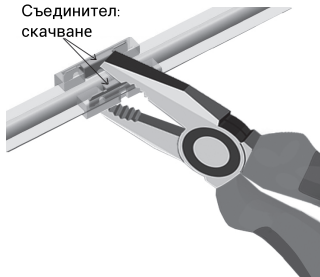


Молим да режете LED лентата по маркираните линии.

Как да свържете LED лентата последователно



Съединител:
скачване



1. Моля използвайте конектор (съединител), за да свържете разрязаните LED ленти.
2. Осигурете се, че + и - на отделните LED ленти са свързани правилно.
3. За да осигурите равномерна осветеност, не свързвайте ленти по-дълги от 5 метра. Вържете захранването на адаптера към кутията с дистанционното.
4. Вържете LED лентите към кутията с дистанционното.
5. Включете адаптера в основния щепсел, за да го включите.

Как да вържете LED светлинните ленти успоредно

1. Подгответе две или повече LED ленти, общата мощност на LED лентите не трябва да надхвърля максималната мощност на избора от Вас адаптер.
2. Подсигурете адаптер с множество захранващи гнезда.
3. Вържете всички LED ленти към кутията с дистанционното.
4. Когато вържете лентите към кутията с дистанционното, вържете ги в адаптер с множество захранващи гнезда.
5. Вържете адаптер с множество захранващи гнезда в основния щепсел, за да го включите.

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Prima di installazione

1. Si prega di testare la striscia LED prima della sua installazione.
2. Assicurarsi che l'alimentazione sia spenta prima di eseguire il cablaggio.

Sceita dell'alimentatore

Suggerimenti:

1. La potenza totale della striscia LED (numero di metri x consumo + 20% di riserva) non deve superare la potenza massima dell'alimentatore.
2. Tutti gli alimentatori menzionati in questo manuale hanno solo un'uscita DC. Possono essere utilizzati solo per una singola striscia LED o per strisce LED collegate in serie.
3. Per garantire un'illuminazione uniforme, collegare tutte le sezioni della striscia LED fino a 5 metri a un'unica alimentazione.
4. Se la striscia LED supera i 5 metri, collegarla in parallelo a un alimentatore con più uscite DC.

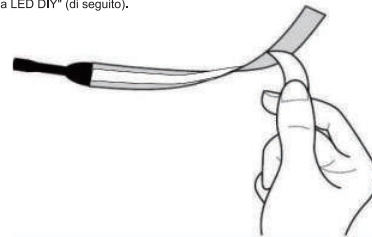
Installazione della striscia LED

Passo 1

Preparare gli accessori necessari per il collegamento e il cablaggio (i parametri e l'elenco degli accessori necessari sono riportati nella lista allegata). Se manca qualche accessorio, si prega di effettuare un ordine aggiuntivo tramite il fornitore.

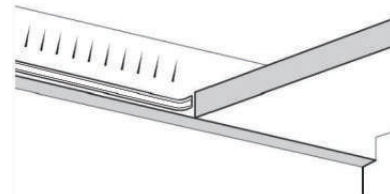
Passo 2

Se si desidera tagliare la striscia LED, consultare le istruzioni dettagliate nella sezione "Striscia LED DIY" (di seguito).



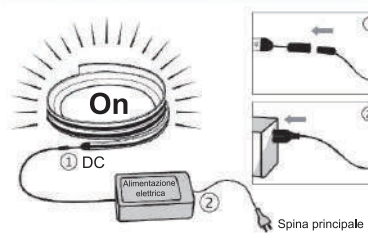
Passo 3

Rimuovere la pellicola protettiva dall'adesivo della striscia LED.



Passo 4

Incollare la striscia LED nel punto in cui si desidera utilizzarla.
Collegare l'alimentatore DC alla striscia LED. Successivamente, collegare la spina dell'alimentatore alla presa elettrica.



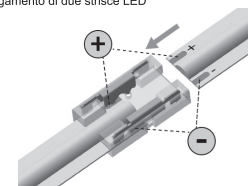
Striscia LED Fai-da-te

Accorciare la striscia LED

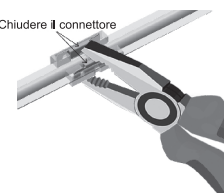


Si prega di accorciare la striscia LED solo nei punti appositamente contrassegnati.

Collegamento di due strisce LED



Chiudere il connettore



1. Tagliare la striscia LED COB nei punti contrassegnati con una forbice.
2. Rimuovere un piccolo pezzo di pellicola adesiva dal retro della striscia LED. Questo sarà poi collegato con il connettore.
3. Inserire la striscia LED nel connettore. Assicurarsi che il bordo della striscia LED sia allineato con il centro del connettore.
4. Inserire un'altra striscia LED nel lato opposto del connettore, in modo che entrambe le estremità si trovino al centro del connettore.
5. Assicurarsi che il polo positivo e negativo della striscia LED siano collegati correttamente.
6. Utilizzare una pinza per collegare i supporti metallici con la scheda della striscia LED.

Installazione di più strisce LED

1. Preparare la striscia LED per l'installazione e assicurarsi che la potenza totale della striscia LED non superi la potenza massima consentita dell'alimentatore scelto (numero di metri x consumo + 20% di riserva).
2. Preparare un alimentatore con un'unica uscita DC. (Tutti gli alimentatori menzionati in questo manuale hanno solo un'uscita DC).
3. Assicurarsi che tutte le strisce LED collegate in parallelo siano collegate a un'unica uscita DC dell'alimentatore.
4. Se una striscia LED non ha un cavo di collegamento, utilizzare un cavo di connessione (incluso nella confezione). Prestare attenzione ai poli positivo e negativo della striscia LED.
5. Dopo aver collegato tutte le strisce LED ai cavi di collegamento, collegarle all'alimentatore selezionato con più uscite DC.

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