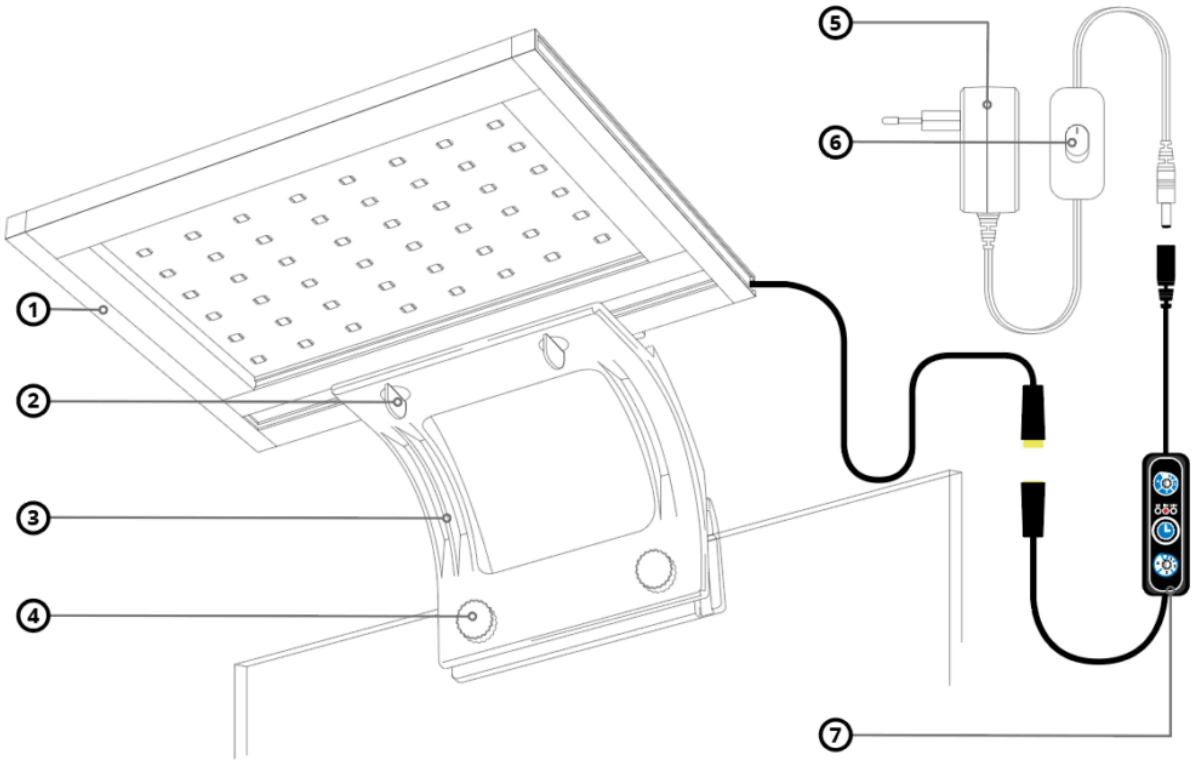


Blue Marine Reef LED 20 Watt

User manual

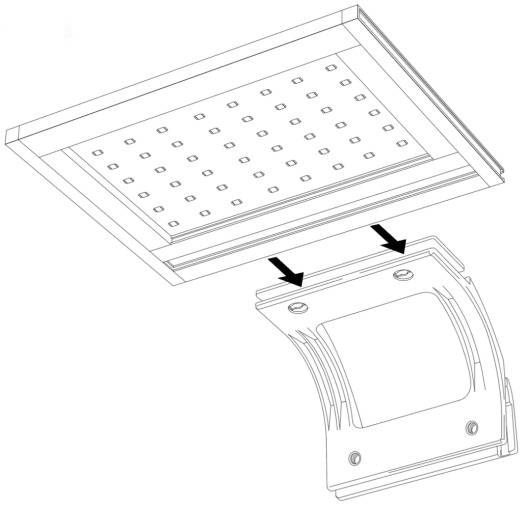
EN



1. LED housing
2. LED housing mounting clips
3. Holder
4. Holder mounting screws
5. Plug
6. On/off button
7. Controller

Step 1

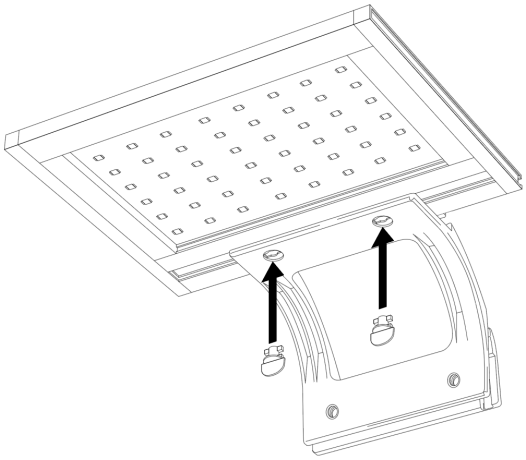
Slide the LED housing into the holder.



Parts »

Step 2

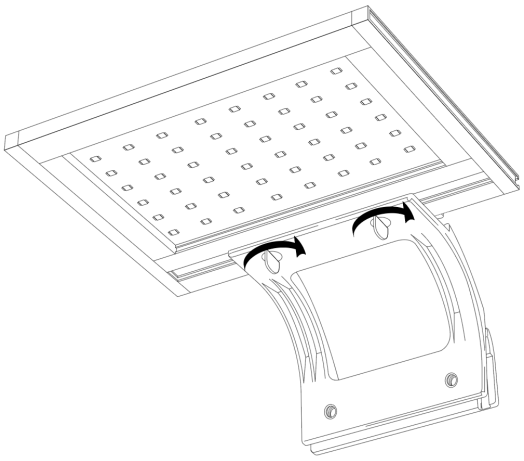
Place the mounting clips in the designated holes in the holder.



Parts »

Step 3

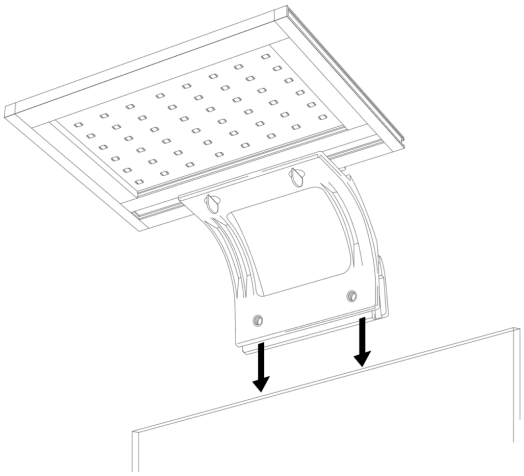
Turn the mounting clips 90˚ to secure the LED housing in the holder.



Parts »

Step 4

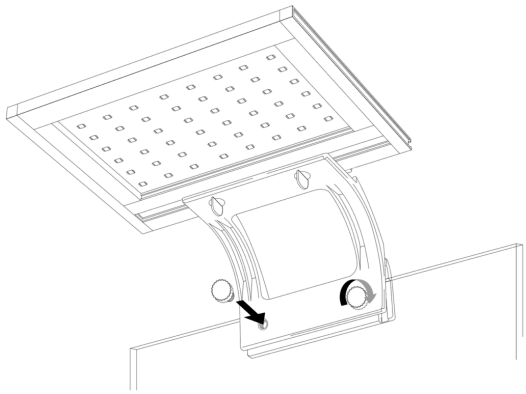
Place the holder with LED housing on the aquarium (maximum glass thickness 8 mm).



Parts »

Step 5

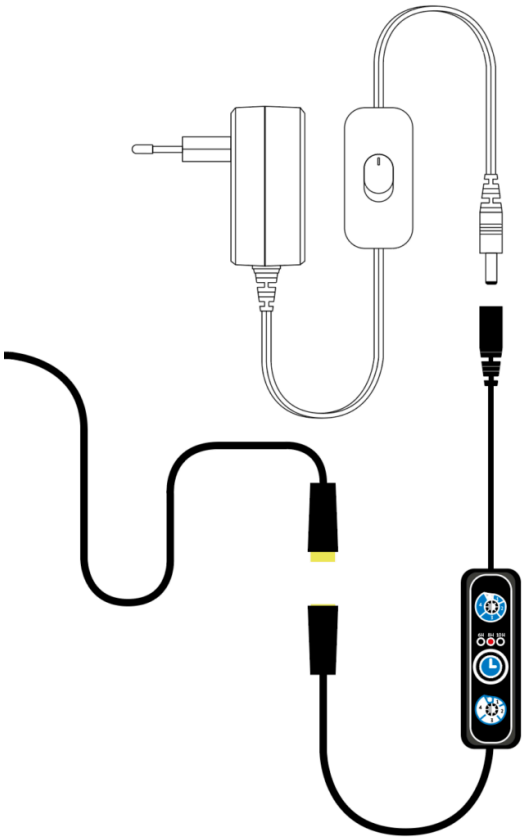
Secure the holder with the holder mounting screws.



Parts »

Step 6

Connect the plug to the controller. Connect the controller to the LED housing. Plug the power cord into the wall socket.



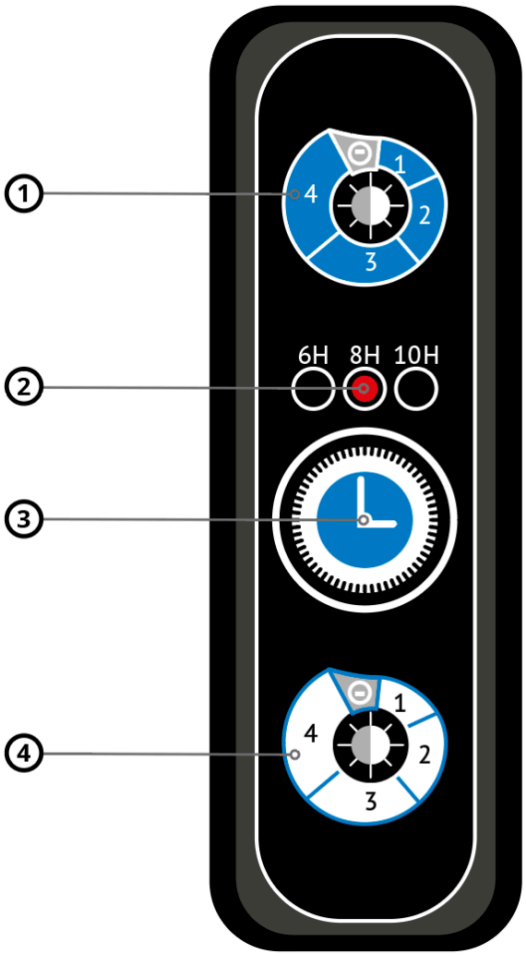
Parts »

Controller

1. Dimmer knob for channel 1*
2. Time duration indicator lights
3. Timer
4. Dimmer knob for channel 2**

** Channel 1: 30 blue LEDs (470 nm)*

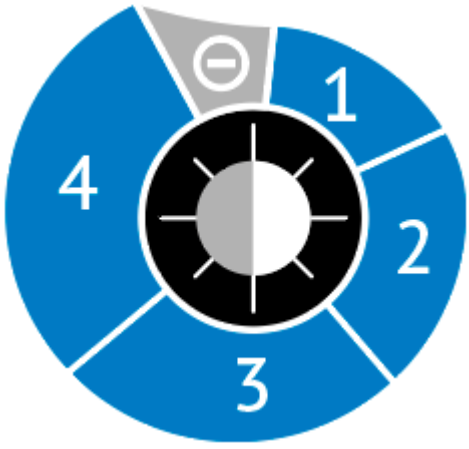
** * Channel 2: 10 white, 4 red and 4 green LEDs*



Operation Channel 1

Press once for channel 1 at full strength.

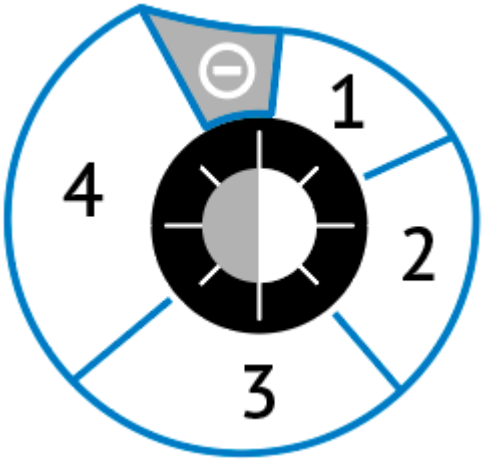
Press twice, three times, or four times for gradual dimming. Press five times to turn off channel 1.



Operation Channel 2

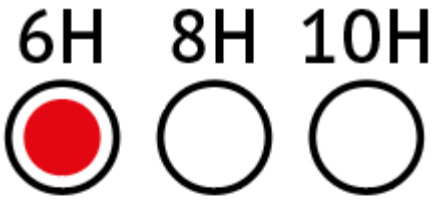
Press once for channel 2 at full strength.

Press twice, three times, or four times for gradual dimming. Press five times to turn off channel 2.



Timer 6H

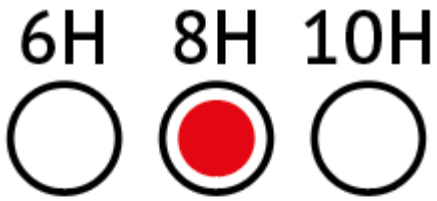
Press once to turn on the light for 6 hours (in 24 hours).





Timer 8H

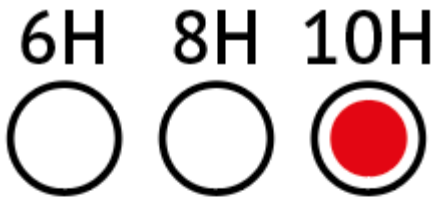
Press once to turn on the light for 8 hours (in 24 hours).





Timer 10H

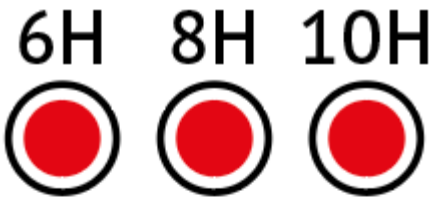
Press once to turn on the light for 10 hours (in 24 hours).





Timer 24H

Press 4 times to turn the lamp on continuously.





Maintenance

1. Regular cleaning with a damp cloth will ensure a longer service life and better light output.
2. The LED lamp has a minimum service life of 30,000 burning hours.
3. The LED lamps cannot be replaced. If the LED lamps stop working, the entire unit must be replaced.

Safety & Warranty

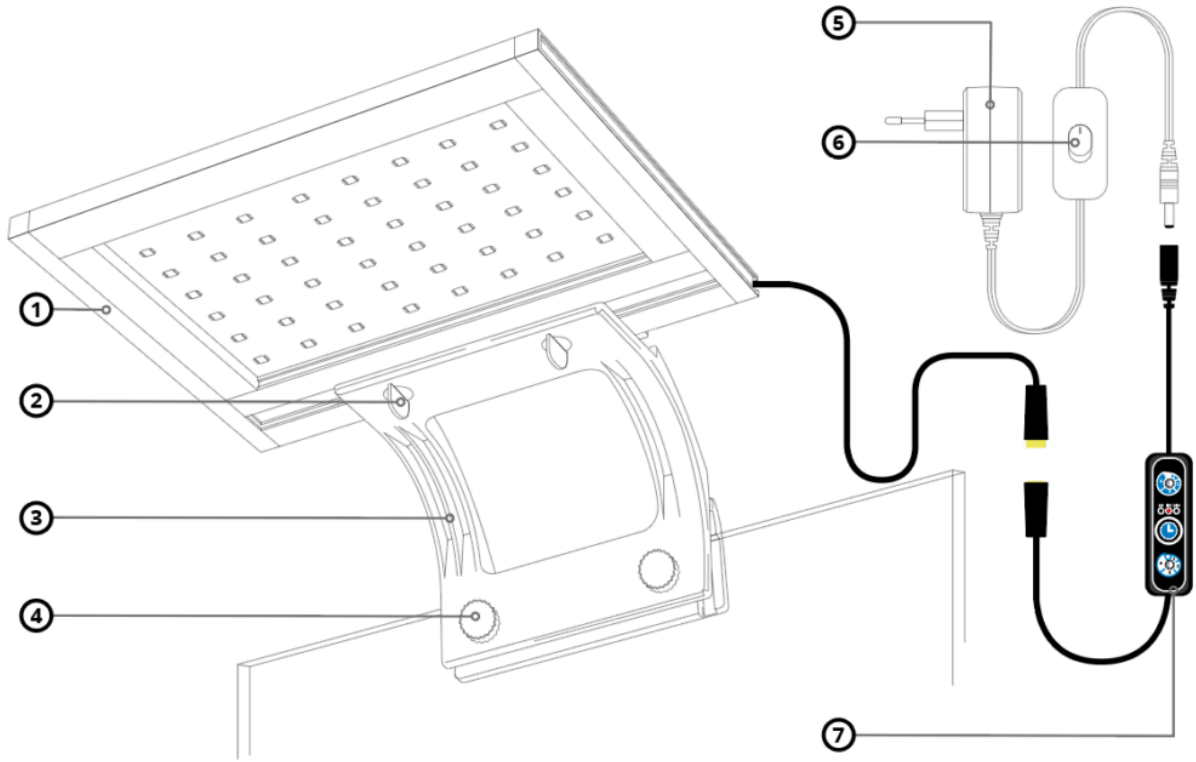
View Safety & Warranty »



Blue Marine Reef LED 20 Watt

Benutzerhandbuch

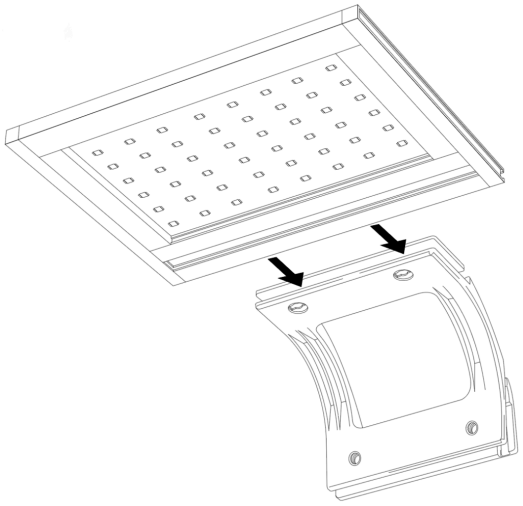
DE



1. LED-Gehäuse
2. LED-Gehäuse Befestigungsklammern
3. Halter
4. Halter Befestigungsschrauben
5. Stecker
6. Ein-/Aus-Knopf
7. Controller

Schritt 1

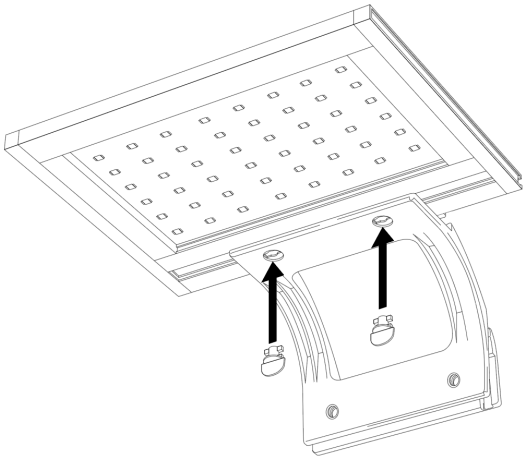
Schieben Sie das LED-Gehäuse in den Halter.



Teile »

Schritt 2

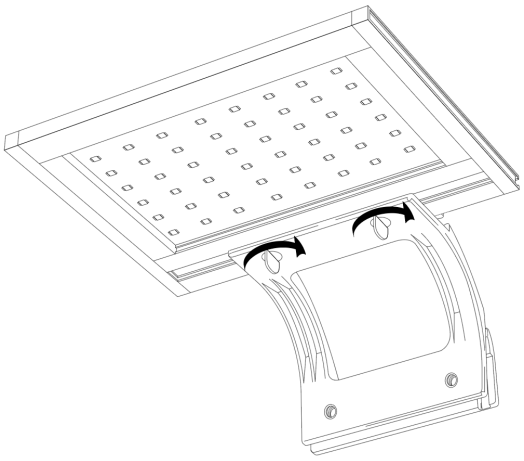
Setzen Sie die Befestigungsklammern in die vorgesehenen Löcher im Halter ein.



Teile »

Schritt 3

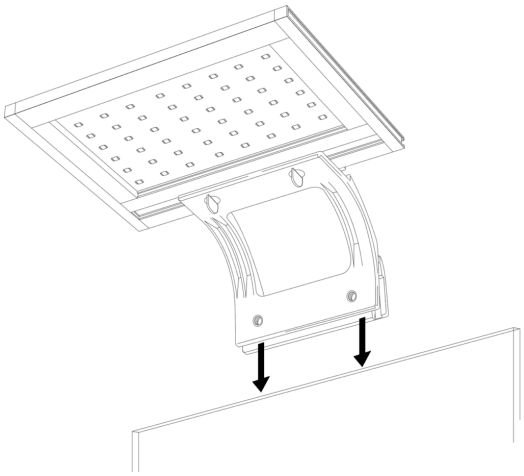
Drehen Sie die Befestigungsklammern um 90˚, um das LED-Gehäuse im Halter zu sichern.



Teile »

Schritt 4

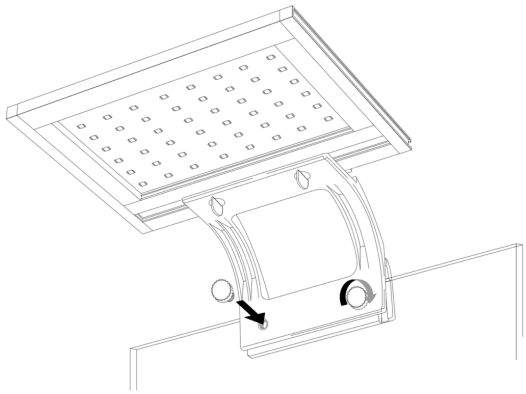
Setzen Sie den Halter mit dem LED-Gehäuse auf das Aquarium (maximale Glasstärke 8 mm).



Teile »

Schritt 5

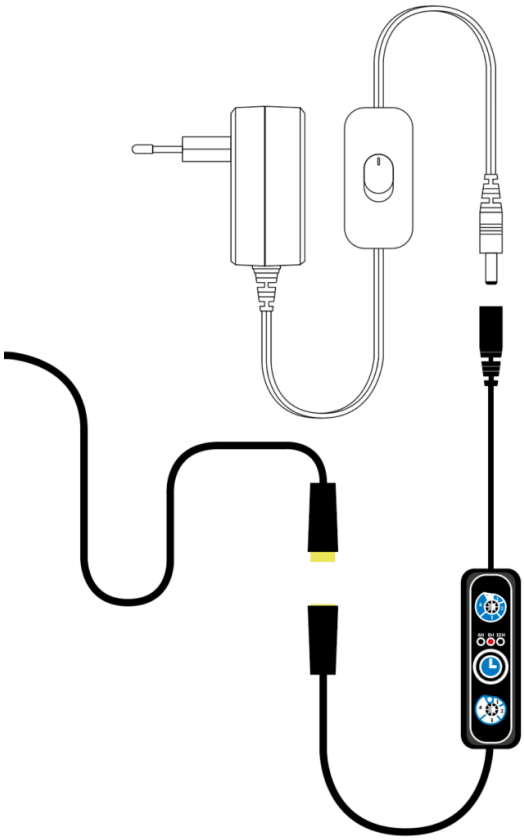
Sichern Sie den Halter mit den Halter-Befestigungsschrauben.



Teile »

Schritt 6

Verbinden Sie den Stecker mit dem Controller. Verbinden Sie den Controller mit dem LED-Gehäuse. Stecken Sie das Netzkabel in die Steckdose.



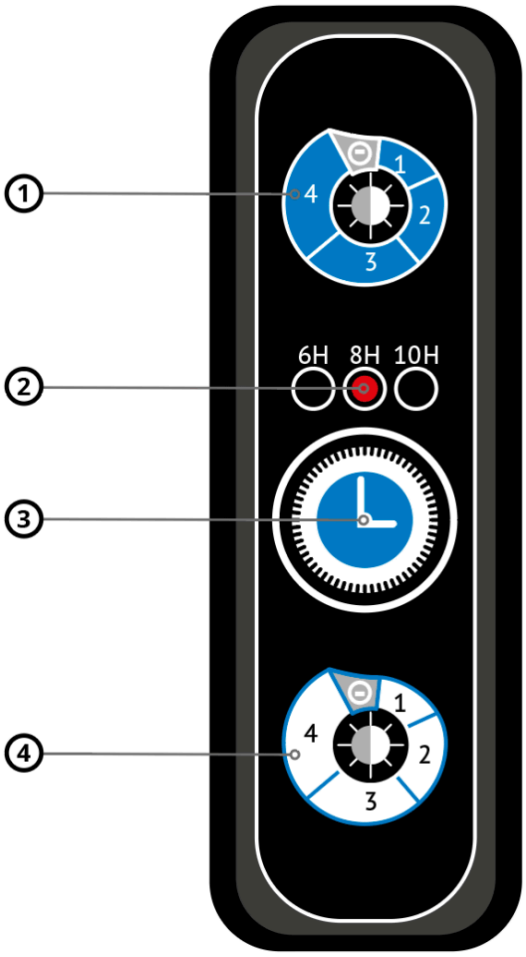
Teile »

Controller

1. Dimmerknopf für Kanal 1*
2. Anzeigelampen für Zeitdauer
3. Timer
4. Dimmerknopf für Kanal 2**

** Kanal 1: 30 blaue LEDs (470 nm)*

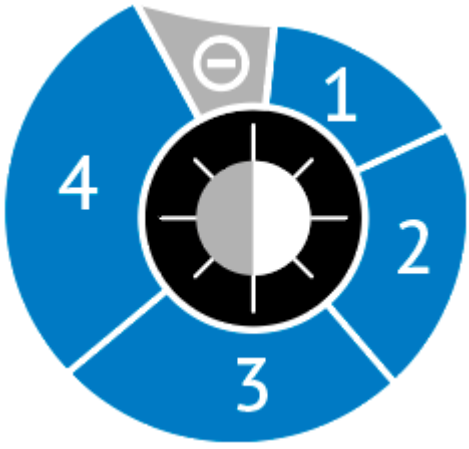
*** Kanal 2: 10 weiße, 4 rote und 4 grüne LEDs*



Bedienung Kanal 1

Einmal drücken für Kanal 1 auf voller Stärke.

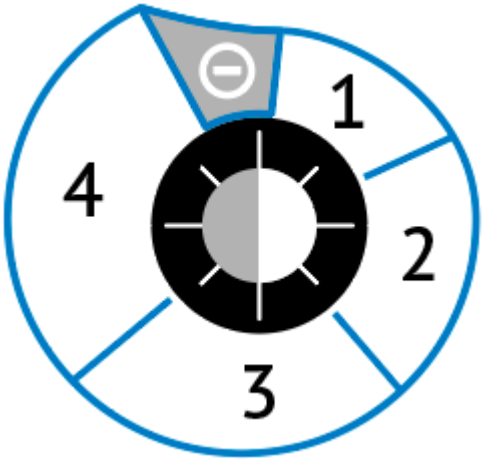
Zweimal, dreimal oder viermal drücken für stufenloses Dimmen. Fünfmal drücken, um Kanal 1 auszuschalten.



Bedienung Kanal 2

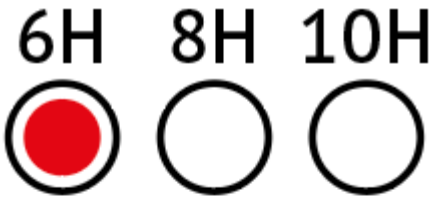
Einmal drücken für Kanal 2 auf voller Stärke.

Zweimal, dreimal oder viermal drücken für stufenloses Dimmen. Fünfmal drücken, um Kanal 2 auszuschalten.



Timer 6H

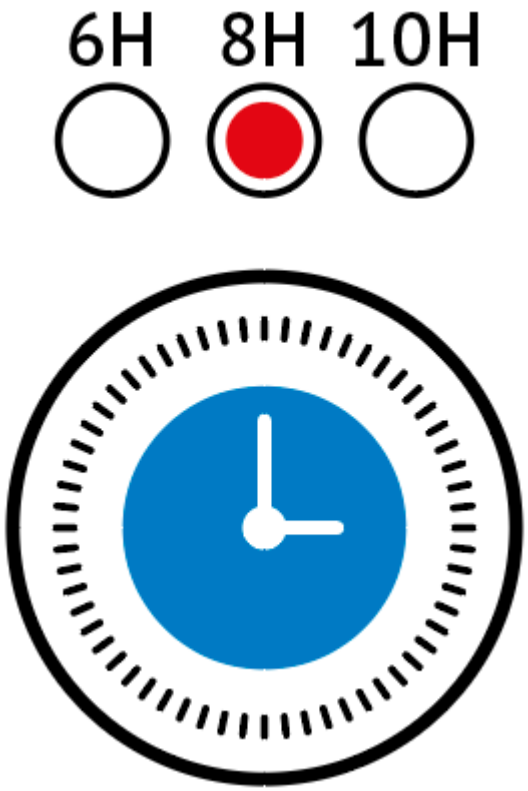
Einmal drücken, um das Licht für 6 Stunden einzuschalten (innerhalb von 24 Stunden).





Timer 8H

Einmal drücken, um das Licht für 8 Stunden einzuschalten (innerhalb von 24 Stunden).



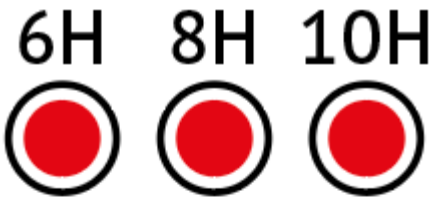
Timer 10H

Einmal drücken, um das Licht für 10 Stunden einzuschalten (innerhalb von 24 Stunden).



Timer 24H

Viermal drücken, um die Lampe dauerhaft einzuschalten.





Wartung

1. Regelmäßiges Reinigen mit einem feuchten Tuch sorgt für eine längere Lebensdauer und bessere Lichtleistung.
2. Die LED-Lampe hat eine Mindestbrenndauer von 30.000 Stunden.
3. Die LED-Lampen können nicht ausgetauscht werden. Wenn die LED-Lampen ausfallen, muss die gesamte Einheit ersetzt werden.

Sicherheit & Garantie

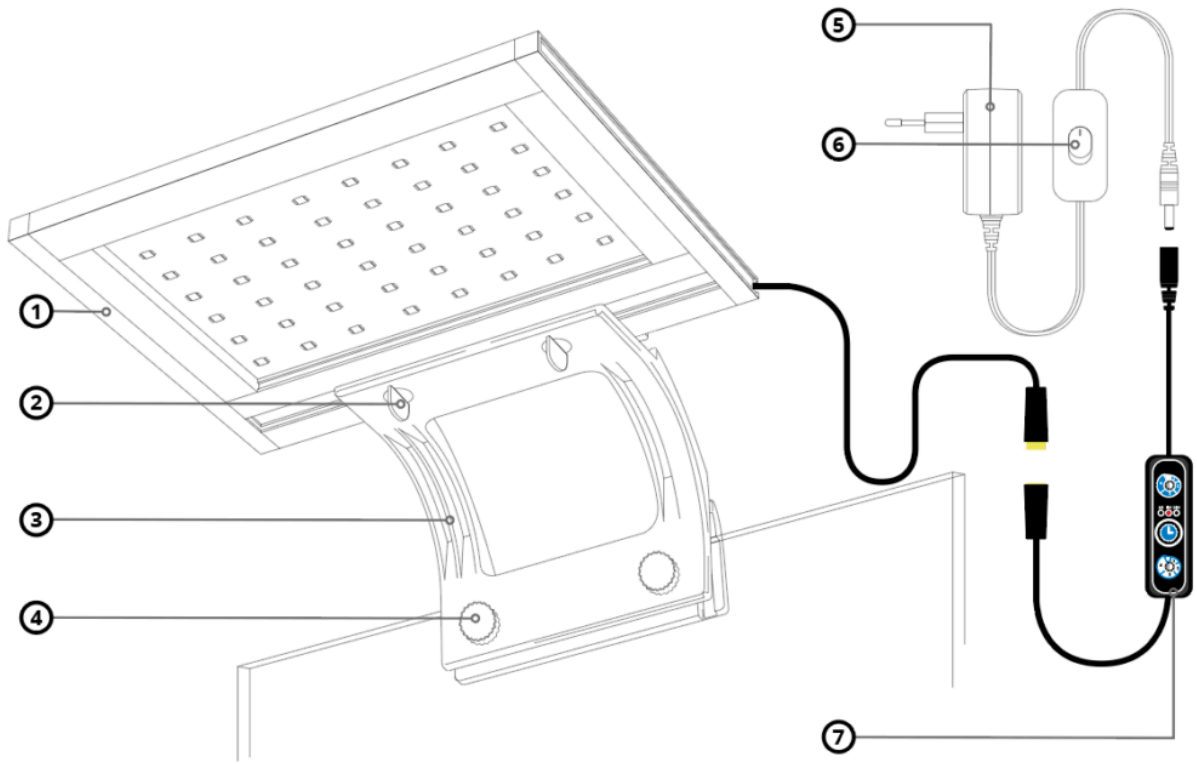
Sicherheit & Garantie ansehen »



Blue Marine Reef LED 20 Watt

Manuel d'utilisation

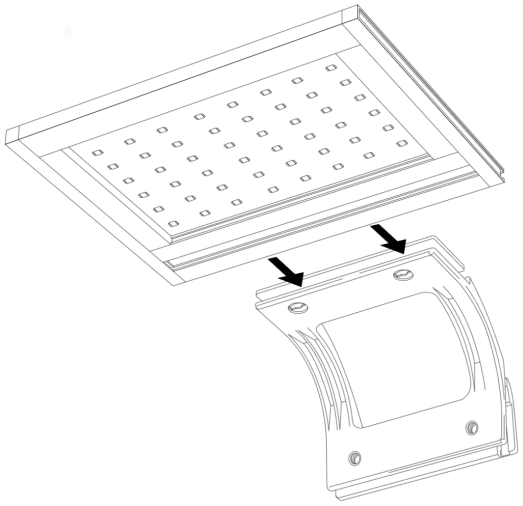
FR



1. Boîtier LED
2. Attaches de montage du boîtier LED
3. Support
4. Vis de montage du support
5. Prise
6. Bouton marche/arrêt
7. Contrôleur

Étape 1

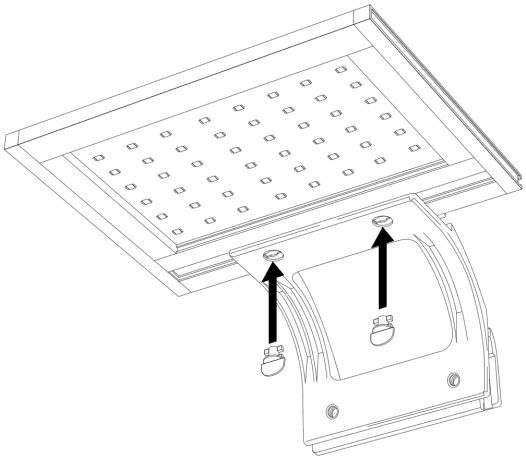
Faites coulisser le boîtier LED dans le support.



Pièces »

Étape 2

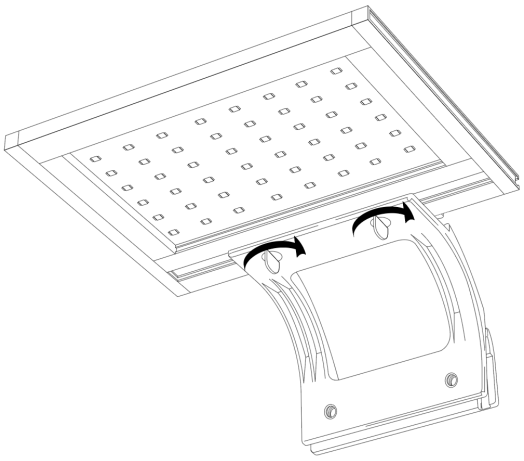
Placez les attaches de montage dans les trous désignés du support.



Pièces »

Étape 3

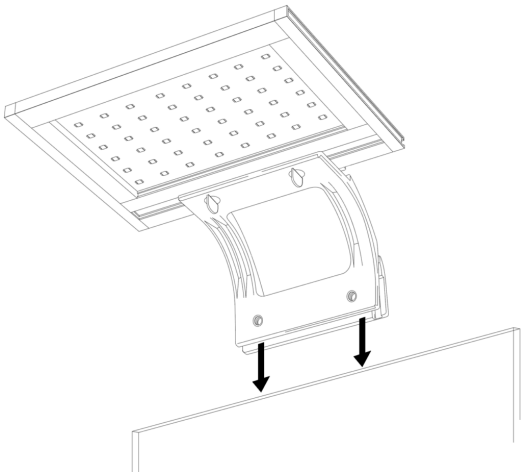
Tournez les attaches de montage de 90° pour fixer le boîtier LED dans le support.



Pièces »

Étape 4

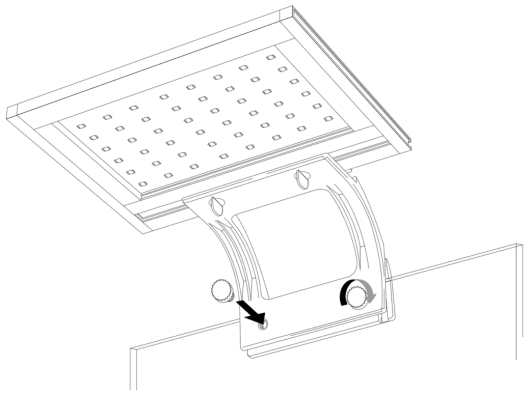
Placez le support avec le boîtier LED sur l'aquarium (épaisseur maximale du verre 8 mm).



Pièces »

Étape 5

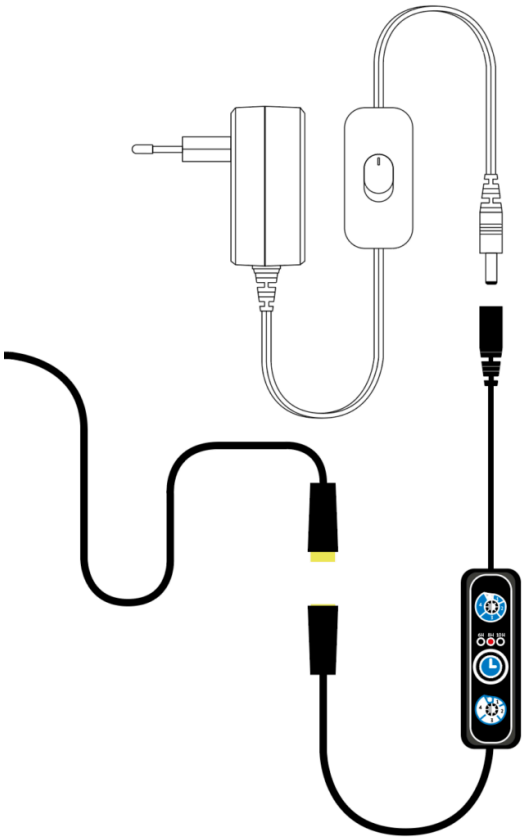
Fixez le support avec les vis de montage.



Pièces »

Étape 6

Connectez la prise au contrôleur. Connectez le contrôleur au boîtier LED. Branchez le cordon d'alimentation dans la prise murale.



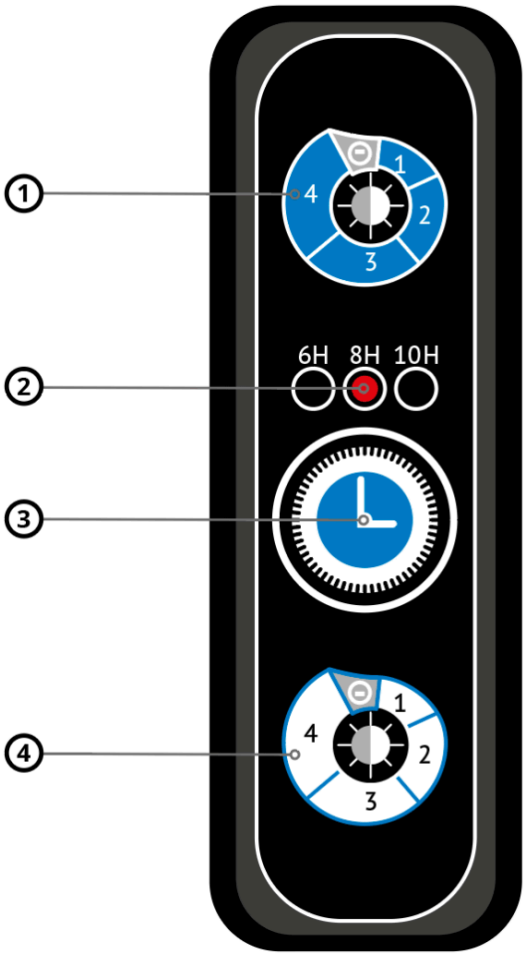
Pièces »

Contrôleur

1. Bouton variateur pour canal 1*
2. Voyants indicateurs de durée
3. Minuteur
4. Bouton variateur pour canal 2**

** Canal 1 : 30 LED bleues (470 nm)*

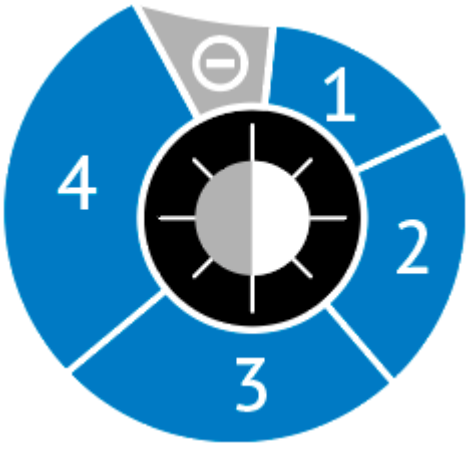
*** Canal 2 : 10 LED blanches, 4 rouges et 4 vertes*



Fonctionnement Canal 1

Appuyez une fois pour le canal 1 à pleine puissance.

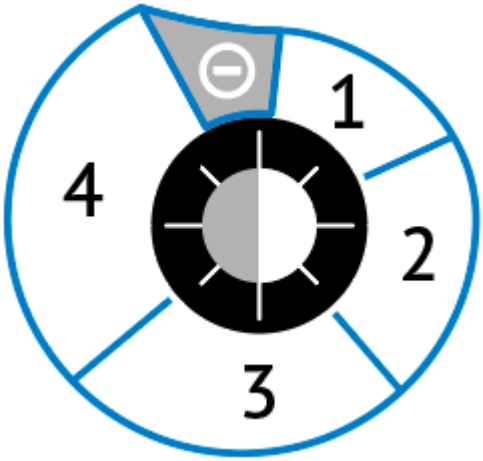
Appuyez deux, trois ou quatre fois pour un dimming progressif. Appuyez cinq fois pour éteindre le canal 1.



Fonctionnement Canal 2

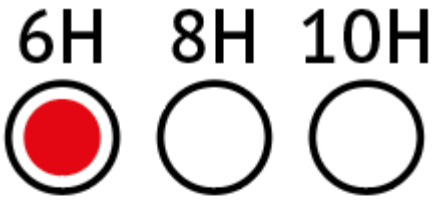
Appuyez une fois pour le canal 2 à pleine puissance.

Appuyez deux, trois ou quatre fois pour un dimming progressif. Appuyez cinq fois pour éteindre le canal 2.



Minuteur 6H

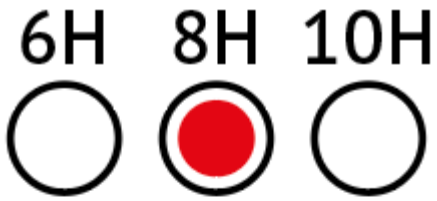
Appuyez une fois pour allumer la lumière pendant 6 heures (dans 24 heures).





Minuteur 8H

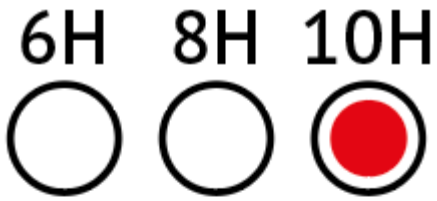
Appuyez une fois pour allumer la lumière pendant 8 heures (dans 24 heures).





Minuteur 10H

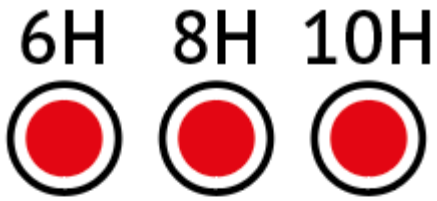
Appuyez une fois pour allumer la lumière pendant 10 heures (dans 24 heures).





Minuteur 24H

Appuyez 4 fois pour allumer la lampe en continu.





Entretien

1. Un nettoyage régulier avec un chiffon humide garantira une durée de vie plus longue et un meilleur rendement lumineux.
2. La lampe LED a une durée de vie minimale de 30 000 heures d'allumage.
3. Les lampes LED ne peuvent pas être remplacées. Si les lampes LED cessent de fonctionner, l'ensemble de l'appareil doit être remplacé.

Sécurité & Garantie

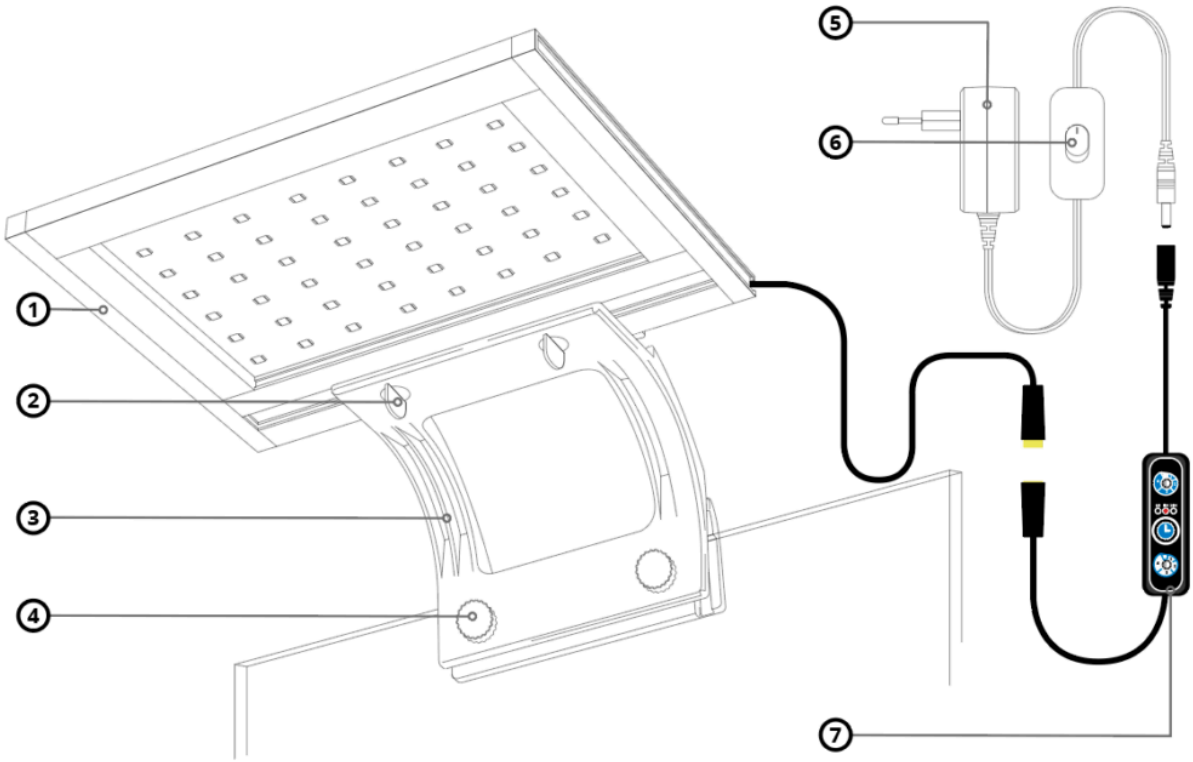
Voir Sécurité & Garantie »



Blue Marine Reef LED 20 Watt

Handleiding

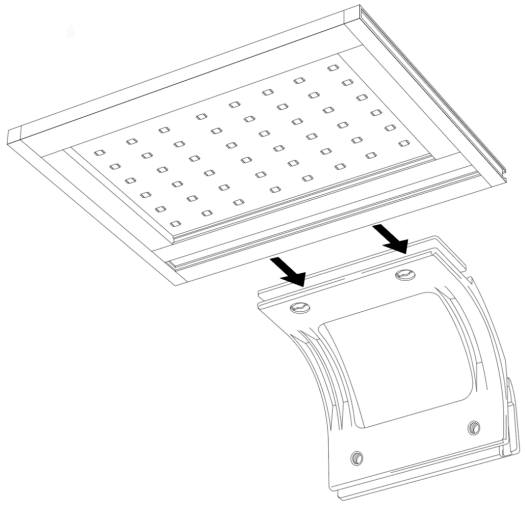
NL



1. LED-behuizing
2. Montageclips voor LED-behuizing
3. Houder
4. Schroeven voor houdermontage
5. Stekker
6. Aan/uit-knop
7. Controller

Stap 1

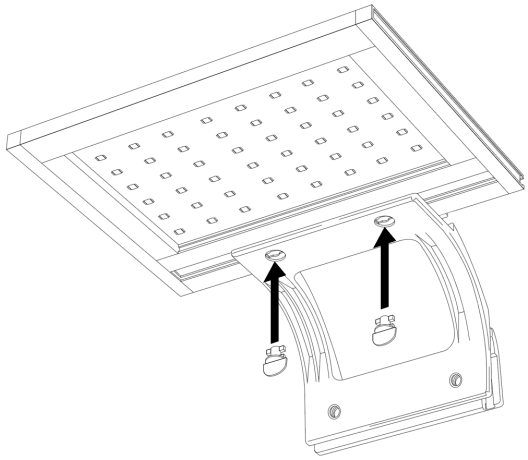
Schuif de LED-behuizing in de houder.



Onderdelen »

Stap 2

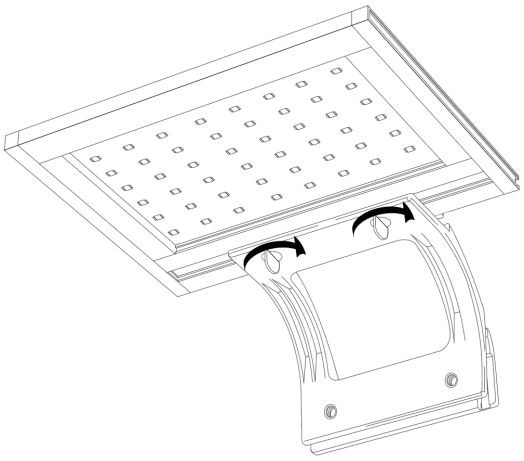
Plaats de montageclips in de daarvoor bestemde gaten in de houder.



Onderdelen »

Stap 3

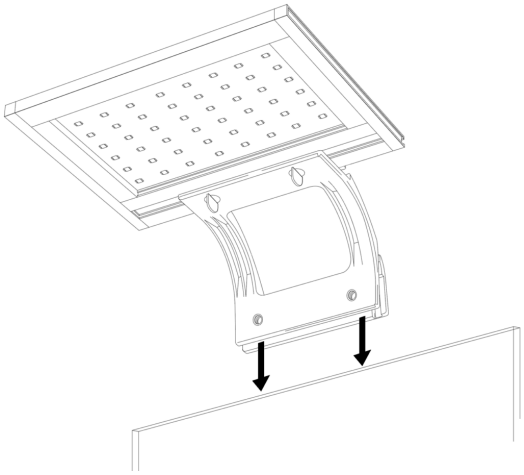
Draai de montageclips 90˚ om de LED-behuizing in de houder vast te zetten.



Onderdelen »

Stap 4

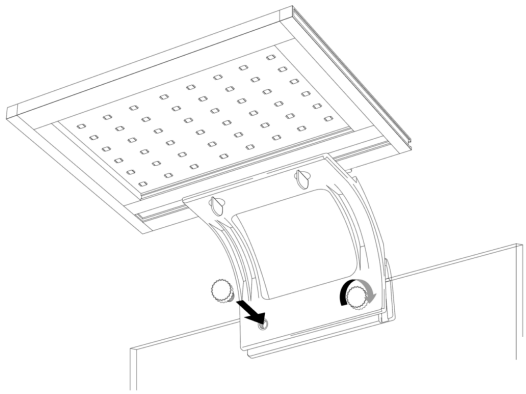
Plaats de houder met LED-behuizing op het aquarium (maximale glasdikte 8 mm).



Onderdelen »

Stap 5

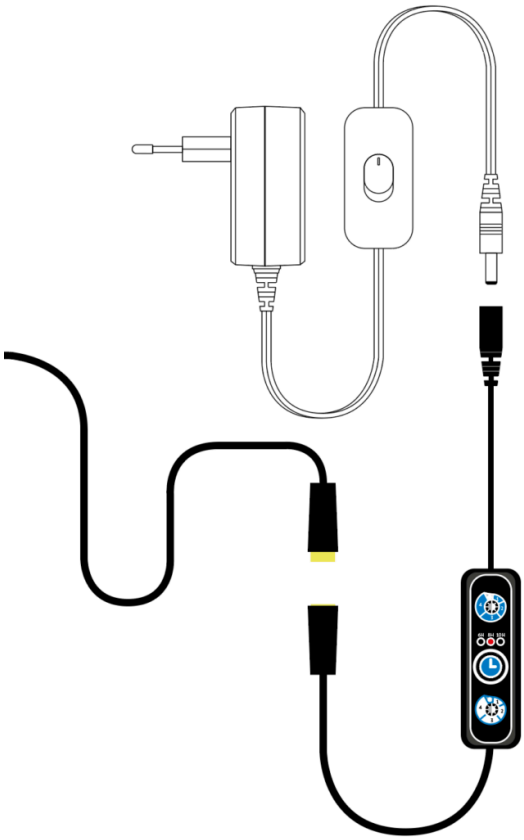
Beveilig de houder met de schroeven voor houdermontage.



Onderdelen »

Stap 6

Sluit de stekker aan op de controller. Verbind de controller met de LED-behuizing. Steek het netsnoer in het stopcontact.



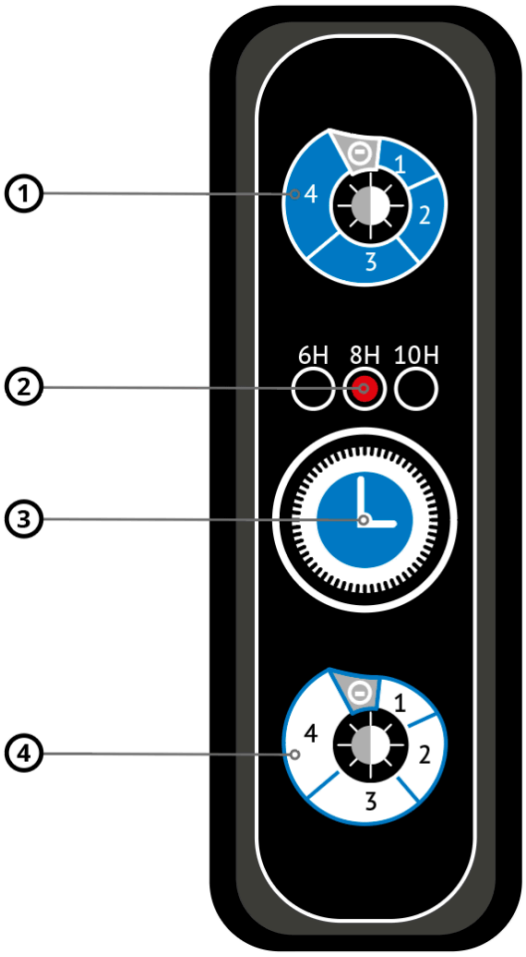
Onderdelen »

Controller

1. Dimmerknop voor kanaal 1*
2. Tijdsduur indicatorlampjes
3. Timer
4. Dimmerknop voor kanaal 2**

** Kanaal 1: 30 blauwe LED's (470 nm)*

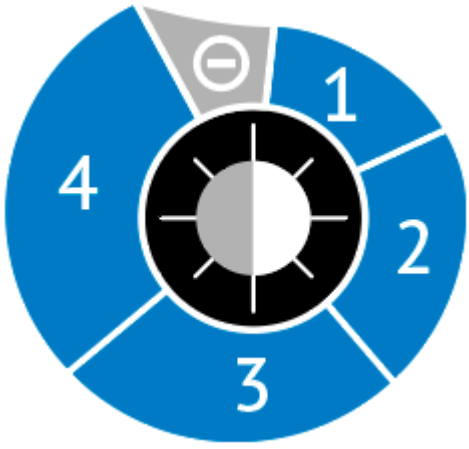
*** Kanaal 2: 10 witte, 4 rode en 4 groene LED's*



Bediening Kanaal 1

Druk eenmaal voor kanaal 1 op volle sterkte.

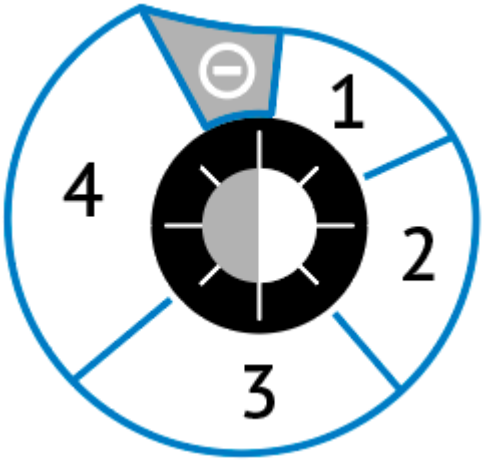
Druk twee, drie of vier keer voor geleidelijke dimming. Druk vijf keer om kanaal 1 uit te schakelen.



Bediening Kanaal 2

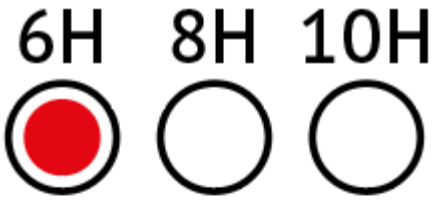
Druk eenmaal voor kanaal 2 op volle sterkte.

Druk twee, drie of vier keer voor geleidelijke dimming. Druk vijf keer om kanaal 2 uit te schakelen.



Timer 6U

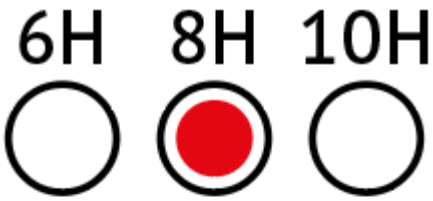
Druk eenmaal om het licht 6 uur aan te laten gaan (in 24 uur).





Timer 8U

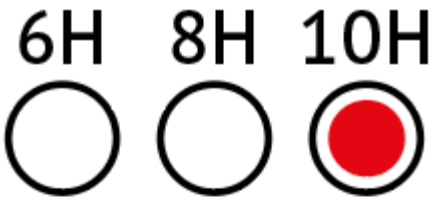
Druk eenmaal om het licht 8 uur aan te laten gaan (in 24 uur).





Timer 10U

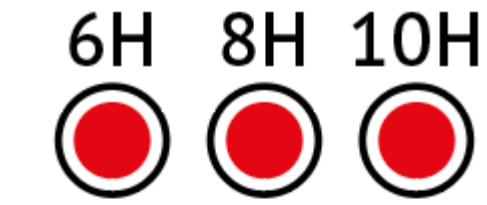
Druk eenmaal om het licht 10 uur aan te laten gaan (in 24 uur).





Timer 24U

Druk vier keer om de lamp continu aan te laten gaan.





Onderhoud

1. Regelmatig reinigen met een vochtige doek zorgt voor een langere levensduur en betere lichtopbrengst.
2. De LED-lamp heeft een minimale levensduur van 30.000 branduren.
3. De LED-lampen kunnen niet worden vervangen. Als de LED-lampen stoppen met werken, moet de gehele unit worden vervangen.

Veiligheid & Garantie

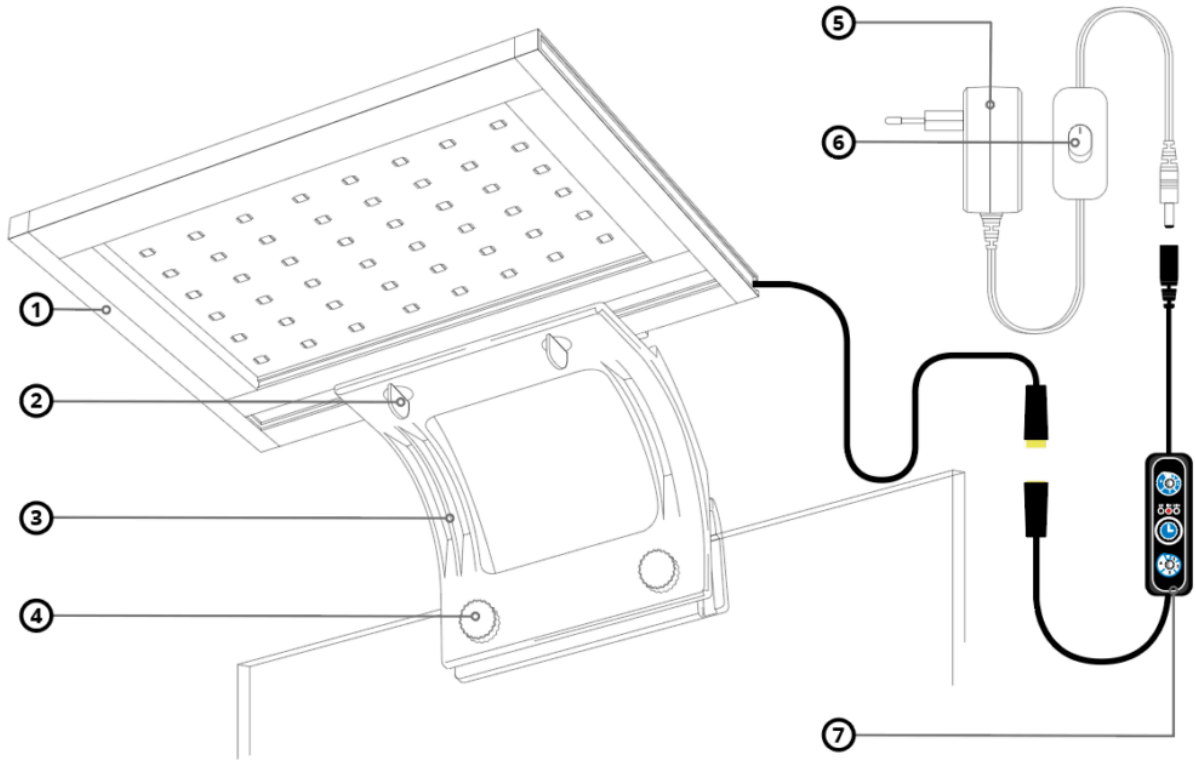
Bekijk Veiligheid & Garantie »



Blue Marine Reef LED 20 Watt

Brugervejledning

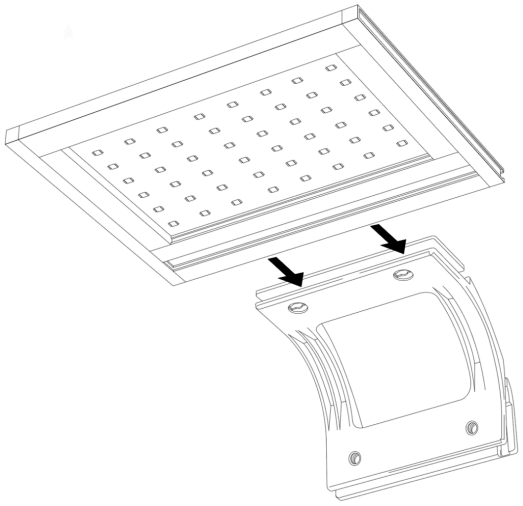
DK



1. LED-hus
2. Monteringsklips til LED-hus
3. Holder
4. Skruer til montering af holder
5. Stik
6. Tænd/sluk-knap
7. Controller

Trin 1

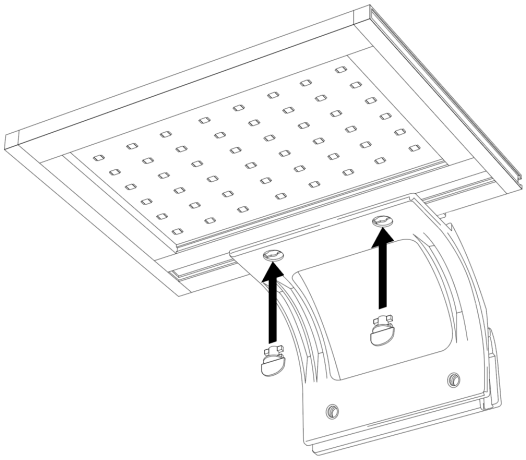
Skub LED-huset ind i holderen.



Dele »

Trin 2

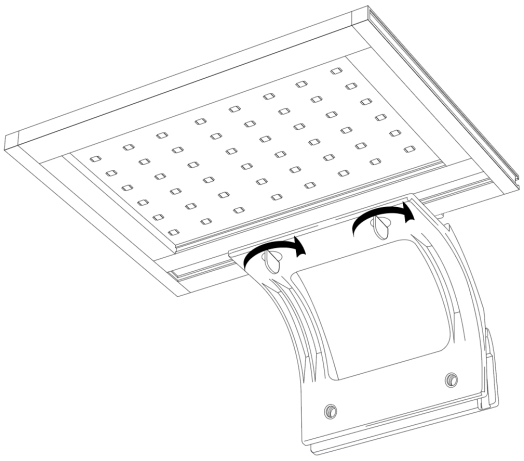
Placér monteringsklipsene i de angivne huller i holderen.



Dele »

Trin 3

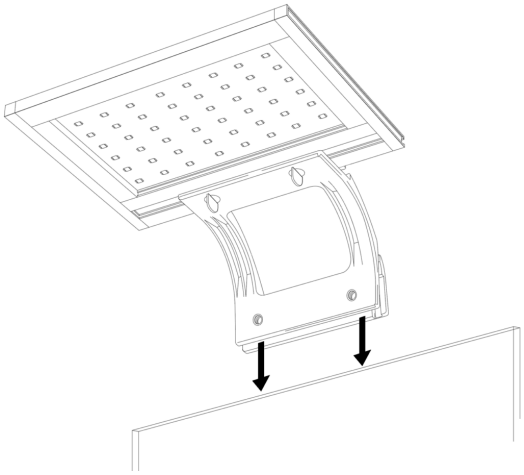
Drej monteringsklipsene 90˚ for at sikre LED-huset i holderen.



Dele »

Trin 4

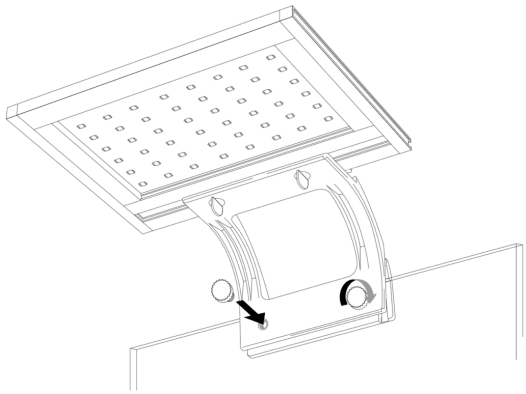
Placer holderen med LED-hus på akvariet (maksimal glastykkelse 8 mm).



Dele »

Trin 5

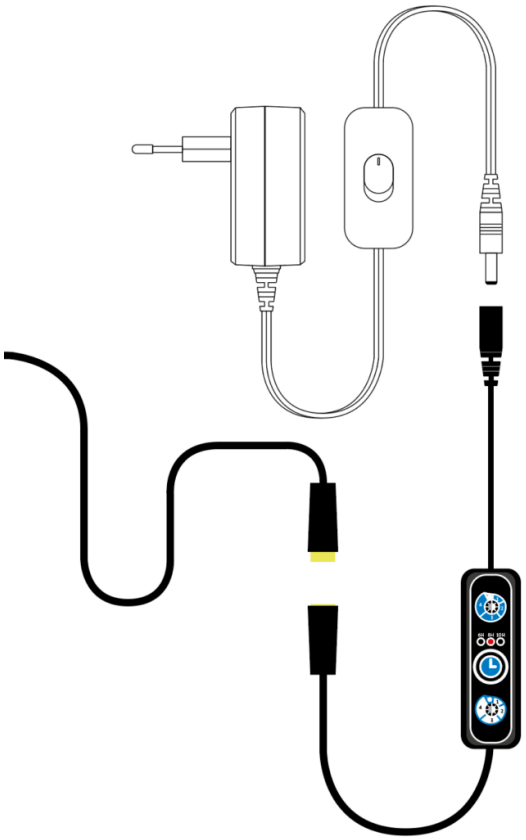
Sikre holderen med skruerne til montering af holderen.



Dele »

Trin 6

Tilslut stikket til controlleren. Tilslut controlleren til LED-huset. Sæt strømkablet i stikkontakten.



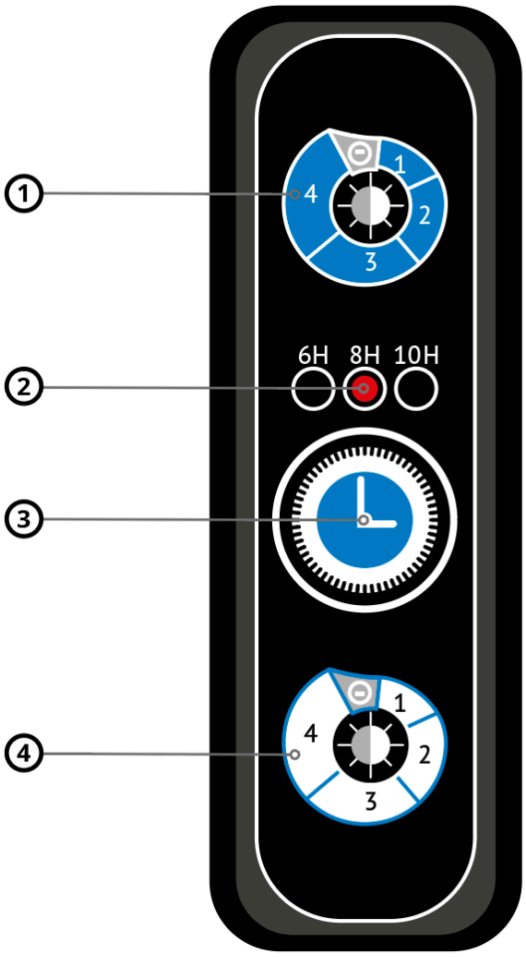
Dele »

Controller

1. Dæmperknap til kanal 1*
2. Indikatorlys for varighed
3. Tæller
4. Dæmperknap til kanal 2**

** Kanal 1: 30 blå LED'er (470 nm)*

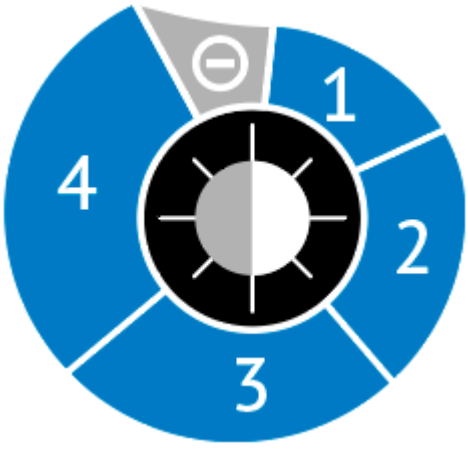
*** Kanal 2: 10 hvide, 4 røde og 4 grønne LED'er*



Betjening Kanal 1

Tryk én gang for kanal 1 ved fuld styrke.

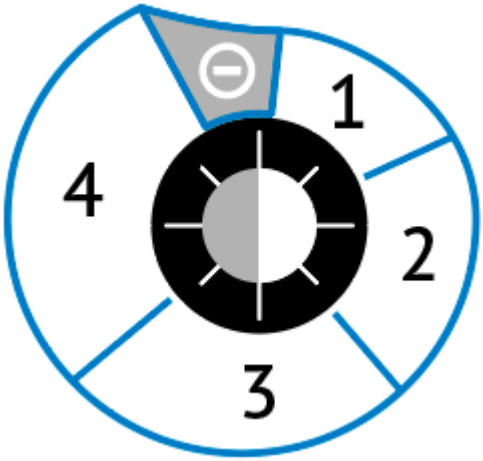
Tryk to, tre eller fire gange for gradvis dæmpning. Tryk fem gange for at slukke kanal 1.



Betjening Kanal 2

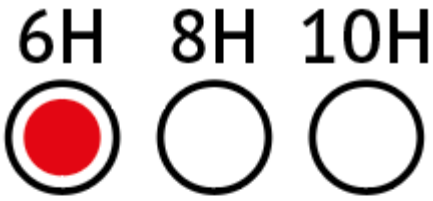
Tryk én gang for kanal 2 ved fuld styrke.

Tryk to, tre eller fire gange for gradvis dæmpning. Tryk fem gange for at slukke kanal 2.



Timer 6H

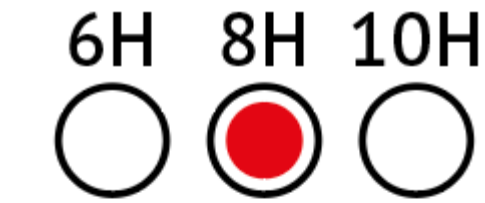
Tryk én gang for at tænde lyset i 6 timer (inden for 24 timer).





Timer 8H

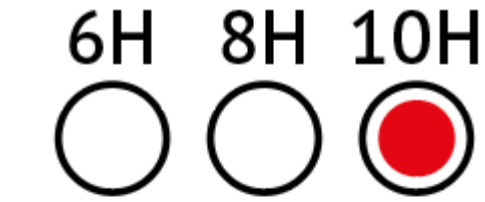
Tryk én gang for at tænde lyset i 8 timer (inden for 24 timer).





Timer 10H

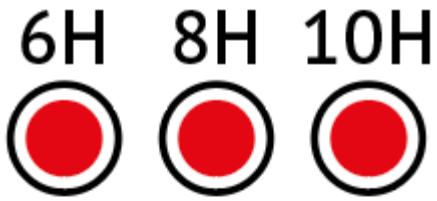
Tryk én gang for at tænde lyset i 10 timer (inden for 24 timer).





Timer 24H

Tryk 4 gange for at tænde lampen kontinuerligt.





Vedligeholdelse

1. Regelmæssig rengøring med en fugtig klud sikrer længere levetid og bedre lysoutput.
2. LED-lampen har en minimum levetid på 30.000 brændetimer.
3. LED-lamperne kan ikke udskiftes. Hvis LED-lamperne holder op med at fungere, skal hele enheden udskiftes.

Sikkerhed & Garanti

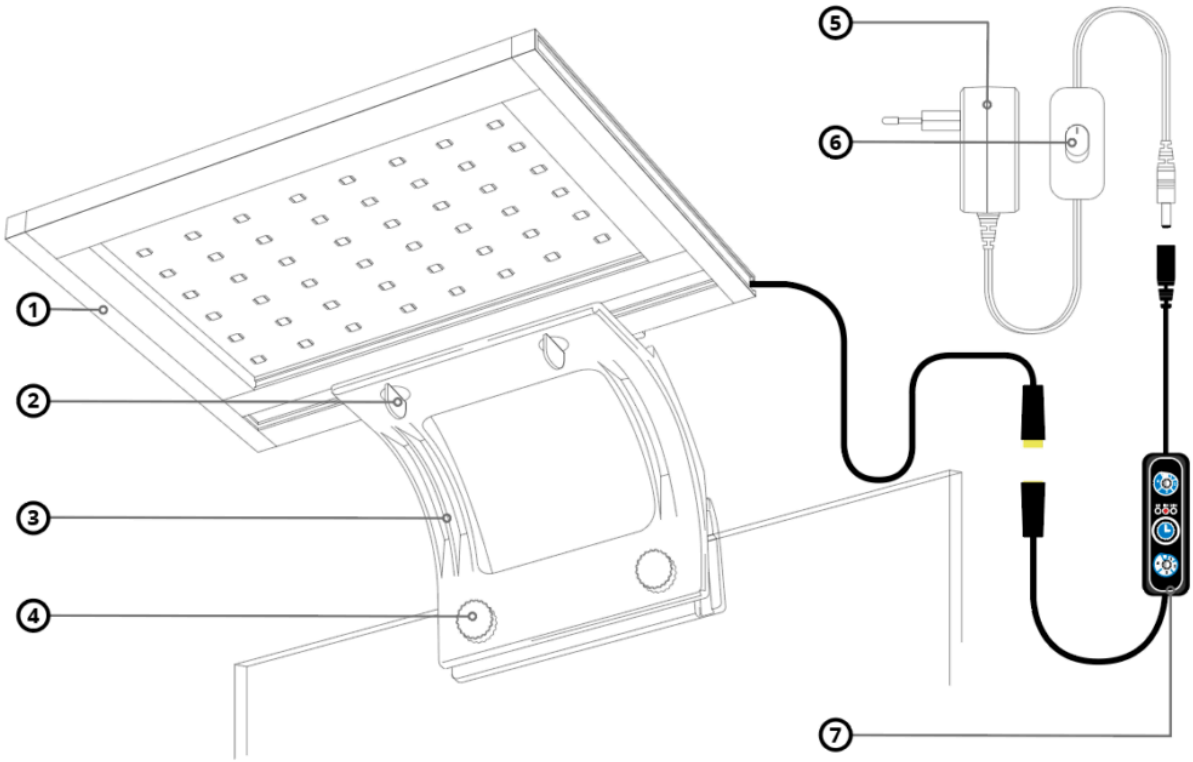
Se Sikkerhed & Garanti »



Blue Marine Reef LED 20 Watt

Manuale utente

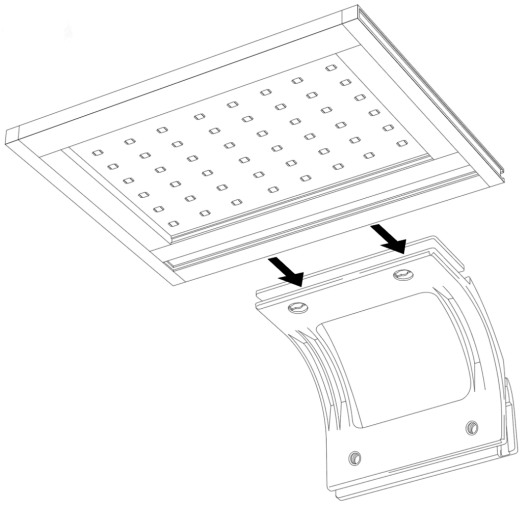
IT



1. Alloggiamento LED
2. Clip per montaggio alloggiamento LED
3. Supporto
4. Viti per montaggio supporto
5. Spina
6. Interruttore on/off
7. Controller

Passo 1

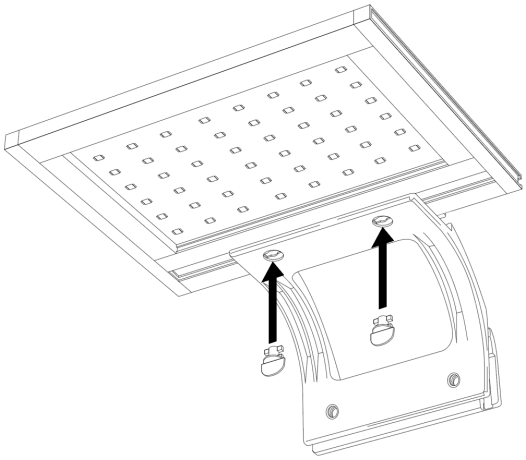
Inserire l'alloggiamento LED nel supporto.



Parti »

Passo 2

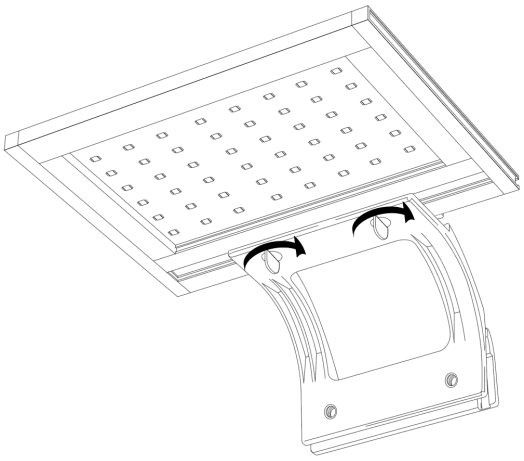
Posizionare le clip di montaggio nei fori designati nel supporto.



Parti »

Passo 3

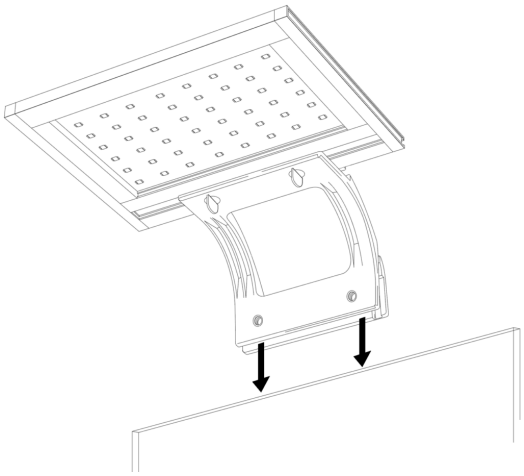
Ruotare le clip di montaggio di 90° per fissare l'alloggiamento LED al supporto.



Parti »

Passo 4

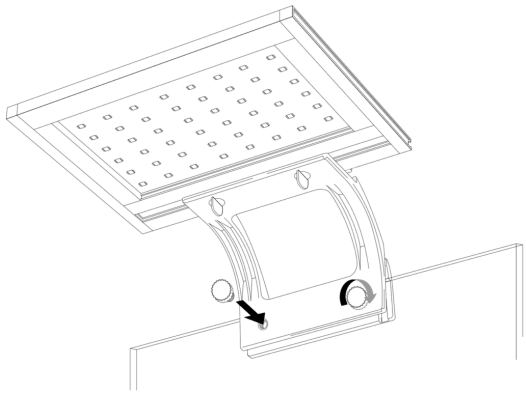
Posizionare il supporto con l'alloggiamento LED sull'acquario (spessore vetro massimo 8 mm).



Parti »

Passo 5

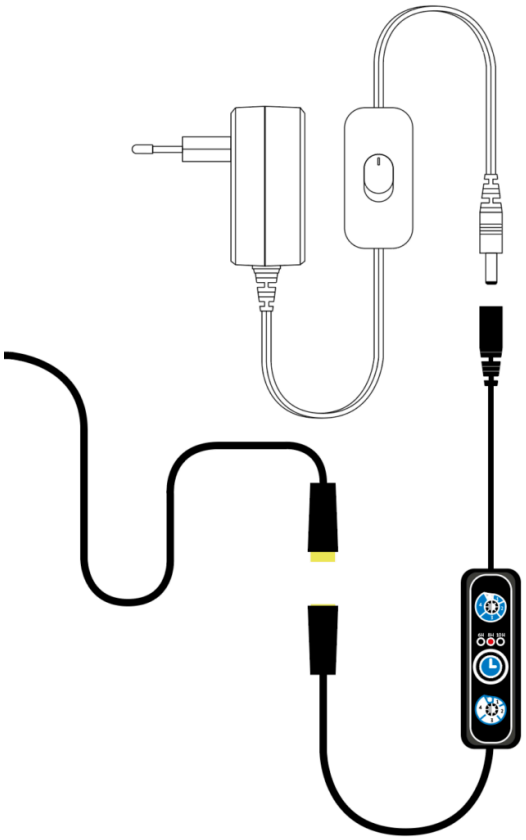
Fissare il supporto con le viti di montaggio del supporto.



Parti »

Passo 6

Collegare la spina al controller. Collegare il controller all'alloggiamento LED. Inserire il cavo di alimentazione nella presa a muro.



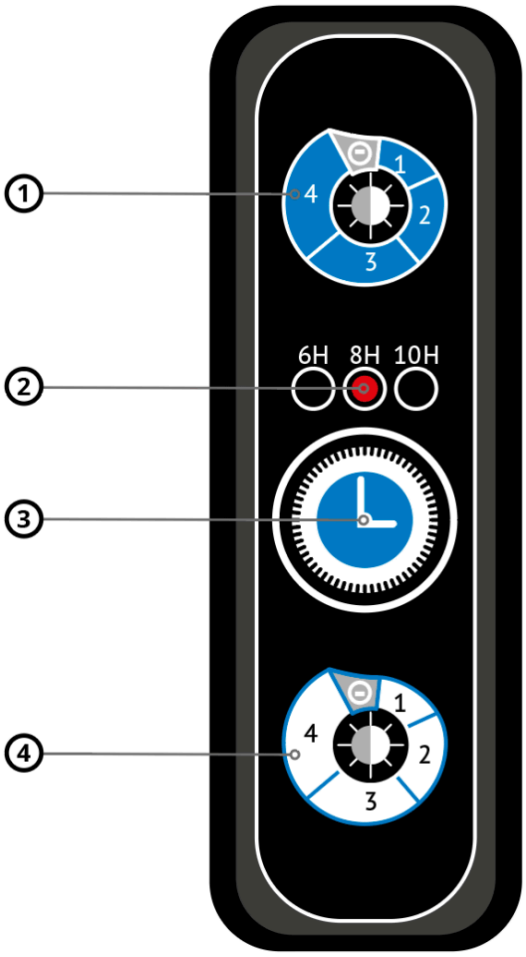
Parti »

Controller

1. Manopola dimmer per canale 1*
2. Luci indicatrici durata temporale
3. Timer
4. Manopola dimmer per canale 2**

** Canale 1: 30 LED blu (470 nm)*

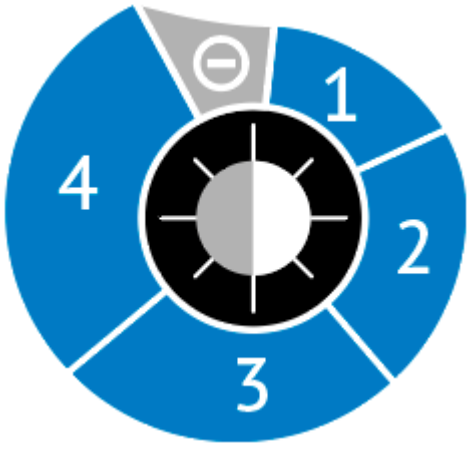
*** Canale 2: 10 LED bianchi, 4 rossi e 4 verdi*



Funzionamento Canale 1

Premere una volta per canale 1 alla massima intensità.

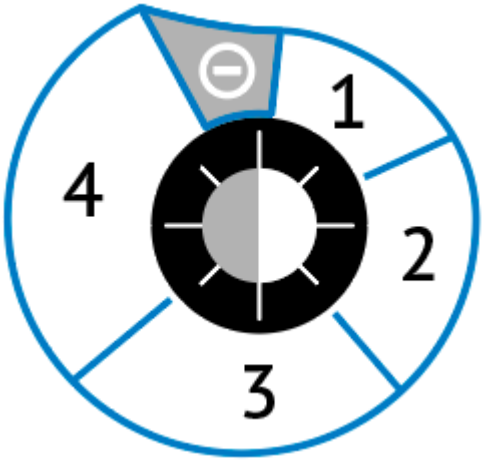
Premere due, tre, o quattro volte per attenuare gradualmente. Premere cinque volte per spegnere il canale 1.



Funzionamento Canale 2

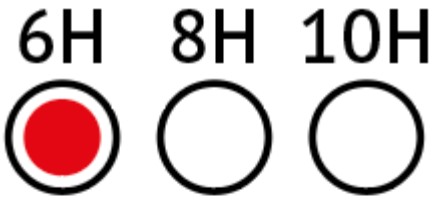
Premere una volta per canale 2 alla massima intensità.

Premere due, tre, o quattro volte per attenuare gradualmente. Premere cinque volte per spegnere il canale 2.



Timer 6H

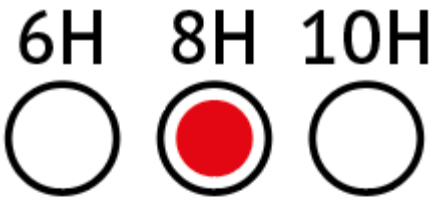
Premere una volta per accendere la luce per 6 ore (in 24 ore).





Timer 8H

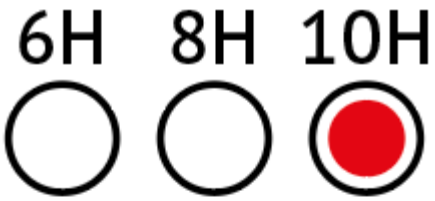
Premere una volta per accendere la luce per 8 ore (in 24 ore).





Timer 10H

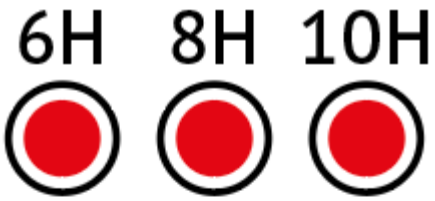
Premere una volta per accendere la luce per 10 ore (in 24 ore).





Timer 24H

Premere 4 volte per accendere la lampada continuamente.





Manutenzione

1. La pulizia regolare con un panno umido garantirà una durata più lunga e una migliore emissione di luce.
2. La lampada LED ha una durata minima di 30.000 ore di funzionamento.
3. Le lampade LED non possono essere sostituite. Se le lampade LED smettono di funzionare, l'intera unità deve essere sostituita.

Sicurezza & Garanzia

Visualizza Sicurezza & Garanzia »