



OPERATING INSTRUCTIONS

SolarStinger® SunStrip SERIES

Thank you for deciding to purchase an ECONLUX® product and for your trust in us. Our products are always manufactured with the utmost care using the latest technology. They combine years of experience in the production of LED lamps and their accessories and are designed and manufactured to the latest state of the art. Only ecological materials which are free from mercury are used in their production.

When we developed the SolarStinger® SunStrip, we included the latest findings relating to safety, energy efficiency and user friendliness. The SolarStinger® SunStrip provides you with optimum lighting for your aquarium. The lamp has Protection Class IP67 and allows you to operate the aquarium safely with the lighting switched on.

Scope of supply

The SolarStinger® SunStrip lighting system comprises:

- LED lighting bar with connecting cable

Safety instructions

Every device left our factory in a perfect state of technical safety. In order to maintain this state and ensure safe operation, please read and comply with the assembly and safety instructions.

Please keep the operating instructions in a safe place.

- Do not allow children to touch or play with the SolarRaptor® SunStrip.
- If used in industrial equipment, ensure compliance with the accident prevention regulations of the Association of Industrial Trade Associations for Electrical Equipment and Systems.
- Only switch on the SolarStinger® SunStrip when the housing is safely closed and screwed tight.
- If it is no longer possible to operate the device safely, immediately switch it off.

Safe operation is no longer possible if: the device shows visible signs of damage; the device no longer functions; the device is wet after long periods of storage in poor conditions and after transportation damage or damaged cables are visible.

- Only connect the SolarRaptor® SunStrip when it has reached room temperature. If the device temperature is lower, moisture may condense in the device and possibly damage it.
- Before switch-on check whether the power adapter is compatible with the SolarStinger® SunStrip.
- Before startup, make sure that the SolarRaptor® SunStrip is safely installed and is secured against sliding or falling.
- After fitting the lighting bar and before switching it on, remove the protective film.
- Protect the power adapter from humidity.
- The SolarStinger® SunStrip has Protection Class IP67.
- If parts of the product fall into water, do not reach into the water to grab them. First disconnect the power plug.
- Never cover the cooling fins of the SolarStinger® SunStrip and make sure the heat sink dissipates enough heat.
- Disconnect all electronic components from the power source before undertaking maintenance work.





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Warranty

- Do not make any alterations to lighting bars, plugs, connecting cables or other accessories.
- Only genuine connecting accessories made by ECONLUX® GmbH may be used for installation.
- Do not connect the device to the power source if parts of it are wet.
- If damage occurs due to non-compliance with the operating instructions, this warranty expires. ECONLUX® GmbH accepts no liability for any consequential damage resulting from this.
- If personal injury and/or damage to property occurs due to improper use or non-compliance with the safety instructions, ECONLUX® GmbH accepts no liability.

Maintenance and care

The SolarRaptor® SunStrip needs very little maintenance or care.

Unplug the power plug and clean the acrylic cover with a soft non-scratch cloth and a little warm water.

Do not immerse the LED lighting bar or the cable in water.

Assembly instructions for the SolarStinger® SunStrip



To start up the SolarStinger® SunStrip, you must first purchase an ECONLUX® DRV (power adapter).

Remove all parts from the SolarStinger® SunStrip and ECONLUX® DRV packaging and assemble them as follows (all connectors can only be plugged in in one position):

Step 1: Plug in the connector of the LED lighting bar to the connector of the power adapter and screw the locking ring.

Step 2: Connect the power cord to the ECONLUX® DRV (power adapter).

Step 3: Remove the protective film from the cover of the SolarStinger® SunStrip.

The SolarStinger® SunStrip is now ready to operate.

ECONLUX® GmbH wishes you every enjoyment with the SolarRaptor® SunStrip.



Attaching the SolarStinger® SunStrip

On top of the SolarStinger® SunStrips is an aluminium profile. This acts as a mounting strip for all SolarStinger® Holders, Universal Stands, Connector Plates, Extender Plates, Holder Plates, Mini Plates and Top Rails.

We can supply you with a number of different fitting options from the ECONLUX® product range to attach your SolarStinger® SunStrip above your aquarium to your individual taste.





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Caution: Due to its weight only mount the SolarStinger® SunStrip marine 140 above your aquarium using a SolarStinger® Top Rail, SolarStinger® Bridge Holder 2, SolarStinger® Z-Holder or SolarStinger® Holder Plate.

SolarStinger® Z-Holder: The SolarStinger® Z-Holder is an individual fitting option. You can place it on the aquarium edge or you can screw it to a mounting plate. The shape of the SolarStinger® Z-Holder ensures that there is enough air to circulate around the LED lighting bar.

SolarStinger® Flat Holder: The SolarStinger® Flat Holder allows you to fit the lighting bar very flat by using three screws. Please note that the SolarStinger® Flat Holder should not be fitted to a continuous support plate otherwise not enough air will circulate around the LED lighting bar.

SolarStinger® T5 Holder: The SolarStinger® T5 Holder allows you to convert your existing T5 lighting system to the SolarStinger® SunStrip. This lets you keep your old aquarium cover. The fluorescent tube sockets are only passive holders.

SolarStinger® T8 Holder: The SolarStinger® T8 Holder allows you to convert your existing T8 lighting system to the SolarStinger® SunStrip. This lets you keep your present aquarium cover. The fluorescent tube sockets are only passive holders.

SolarStinger® T5 Flex Holder: The SolarStinger® T5 Flex Holder allows you to convert your existing T5 lighting system to the SolarStinger® SunStrip. This lets you keep your present aquarium cover. The fluorescent tube sockets are only passive holders. In addition you can change the height and position of the SolarStinger® SunStrip using the SolarStinger® T5 Flex Holder.

SolarStinger® T8 Flex Holder: The SolarStinger® T8 Flex Holder allows you to convert your existing T8 lighting system to the SolarStinger® SunStrip. This lets you keep your present aquarium cover. The fluorescent tube sockets are only passive holders. In addition you can change the height and position of the SolarStinger® SunStrip using the SolarStinger® T8 Flex Holder.

SolarStinger® Bridge Holder: The SolarStinger® Bridge Holder is a clip-on holder. It can be clipped onto the aquarium edge and secured by polyamide screws.

BridgeClip: The SolarStinger® Bridge Holder 2 is a clip-on holder. It can be clipped onto the aquarium edge and secured by a raster clip.

SolarStinger® Bridge Holder 35/70: The SolarStinger® Bridge Holder 35/70 is a clip-on holder. It can be placed onto the aquarium edge using the removable angled feet. If you use a cover panel, remove the angled feet and replace them with the enclosed rubber feet.

SolarStinger® Universal Stand: The SolarStinger® Universal Stand can be placed on the aquarium edge. You can choose between two distances to the water surface. If you use a cover panel, you can place the SolarStinger® SunStrip on the cover panel by replacing the removable feet.



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SolarStinger® Connector Plate: The SolarStinger® Connector Plate joins two SolarStinger® SunStrips together.

SolarStinger® Extender Plate: The SolarStinger® Extender Plate joins two SolarStinger® SunStrips together.

SolarStinger® Holder Plate: The SolarStinger® Holder Plate suspends the SolarStinger® SunStrip by a steel rope.

SolarStinger® Mini Plate: The SolarStinger® Mini Plate suspends the SolarStinger® SunStrip by a steel rope.

SolarStinger® Top Rail: The SolarStinger® TopRail allows you to suspend two SolarStinger® SunStrips side by side by a steel rope.

SolarStinger® Ceiling Rope: The SolarStinger® Ceiling Rope is a steel rope to suspend the SolarStinger® SunStrip from the ceiling.

After installation using the attachment of your choice, connect the SolarStinger® SunStrip to the power mains.

Note

It is possible to connect several SolarRaptor® SunStrips to one ECONLUX® DRV.

The main condition is that the ECONLUX® DRV selected has enough power (wattage) and that this power is not exceeded by all the connected SolarRaptor® SunStrips.

The power specification of the ECONLUX® DRV specifies the maximum output power

Caution: The total power of the connected products may not exceed the maximum output power of the ECONLUX® DRV (power adapter).

For example:

Add the power ratings of the products operated (e.g. 3 x SolarStinger® SunStrip 25 watts = 75 watts) and select the power adapter \geq 75 watts.

Information

For more information and updates, visit our website. There you can subscribe to our newsletter.

ECONLUX

light like the sun

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