

# MOUNTING INSTRUCTIONS

Deep blue & lagoon Extension



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## SCOPE OF DELIVERY & SAFETY INSTRUCTIONS



Dear customer, thank you for your confidence in Giesemann quality products.

Our experience in the field of aquaristics and modern lighting technology guarantees the quality standard of our products. Please read these operating instructions carefully to ensure optimum function and operational safety for years to come.

Failure to observe the following points may be dangerous or even violate existing directives.



All Giesemann products bear the CE mark. This mark can usually be found on the type plate inside the product, the power cord or on the external control box.



After unpacking, please check that your item is in good condition and that the scope of delivery is complete. Any damage must be reported to your dealer immediately in order to assert any warranty claims.

The luminaires may only be installed by authorized electricians. The luminaire must not be operated if damage is evident, a malfunction occurs, or after fall, immersion in water or other defects.



The luminaires must never be operated without the appropriate protective shields; damaged protective shields must be replaced immediately to ensure adequate splash protection.

The luminaires described are intended exclusively for lighting and supplementary lighting of indoor aquariums.



The lighting must be permanently installed with a minimum distance of 15 cm to the water surface above the aquarium and must never be operated under water. They must not be placed on the edge of the aquarium or installed in or behind paneling or covers.



It is essential to protect the luminaires and the electrical operating devices from direct splash-water and high humidity.



Use the luminaires with the utmost care when children or persons who cannot assess the dangers are in the vicinity of the luminaires.

Packaging materials must not be used for playing; there is a risk of suffocation!



Never look directly into the light source. Bright light can cause eye injuries!

## SCOPE OF DELIVERY & SAFETY INSTRUCTIONS



Maintenance work on the light unit may only be carried out when they have been dismantled from the ceiling or wall and completely disconnected from the electrical mains. For safety reasons, please note that work on the aquarium may only be carried out when the lighting has been completely disconnected from the mains (pull out the mains plug).



Do not attempt to open an LED light module or the power supply unit, as damaging the internal seals will invalidate the warranty.



The luminaire housing and the protective glass can become very hot during operation: Take care when touching. When cleaning, take special care to prevent moisture from entering the interior of the luminaires through the ventilation openings. Never cover the ventilation grilles with objects, and always ensure that there is sufficient heat exchange in any case.

**Improper use will invalidate any warranty claims.** The luminaires must be transported and stored in their original packaging.



The luminaires are made of saltwater-resistant aluminium and have a high-quality powder coating. To keep the housing clean and the light surfaces clear, regular care with a slightly damp cloth is sufficient. Please note that salt deposits must always be removed immediately, otherwise even high-quality surfaces will be damaged over time. Failure to carry out maintenance work will result in loss of warranty.



**Disposal:** When the end of use has been reached, render the disused luminaires unusable by pulling the plug out of the socket and cutting the cable. Dispose of the luminaires in accordance with the environmental regulations in force in your country. Electrical waste must not be with household waste. Contact your local authority or dealer for advice on recycling.

### CE Declaration of Conformity

The company

Giesemann Lichttechnik & Aquaristik GmbH  
Bürdestraße 14 – 41334 Nettetal – Germany

declare under our sole responsibility that the products:

#### **Deep blue / Lagoon LED - Extensions**

to which this declaration relates are in conformity with the technical requirements of the following European Community directives & standards or other normative documents

- 98/37/EC / - EEC 89/336 - EEC 73/23 AND RELATED AMENDMENTS AND ADDITIONS (B.T.)

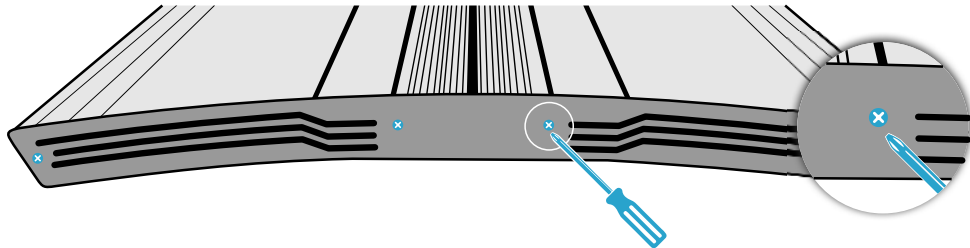
The following technical standards and specifications have been observed:

Safety: EN 60335-1 / EN 60335-2- 55 AND  
RELATED AMENDMENTS / EN 292-1-2 / CEI 61-50

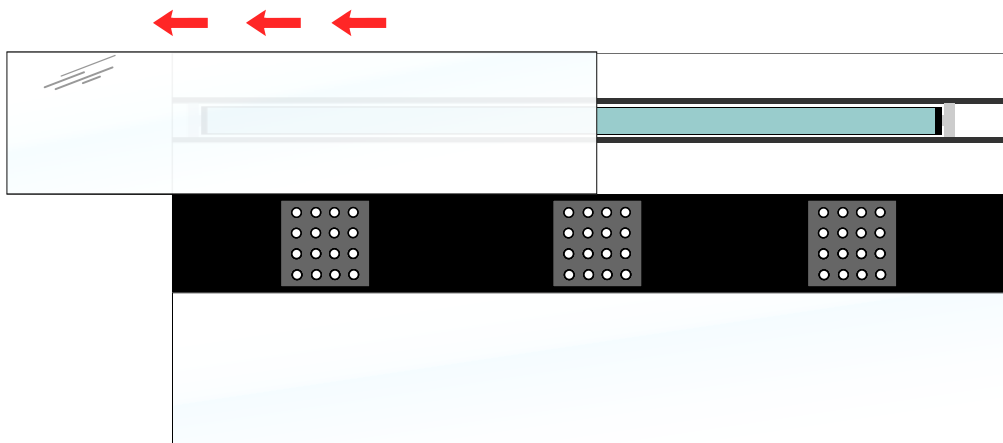
EMC directive: EN 50081-1 / EN 50081-2 and the following amendments / EN 5008  
16.05.2021, Nettetal - Germany

# INSTALLATION / ASSEMBLY

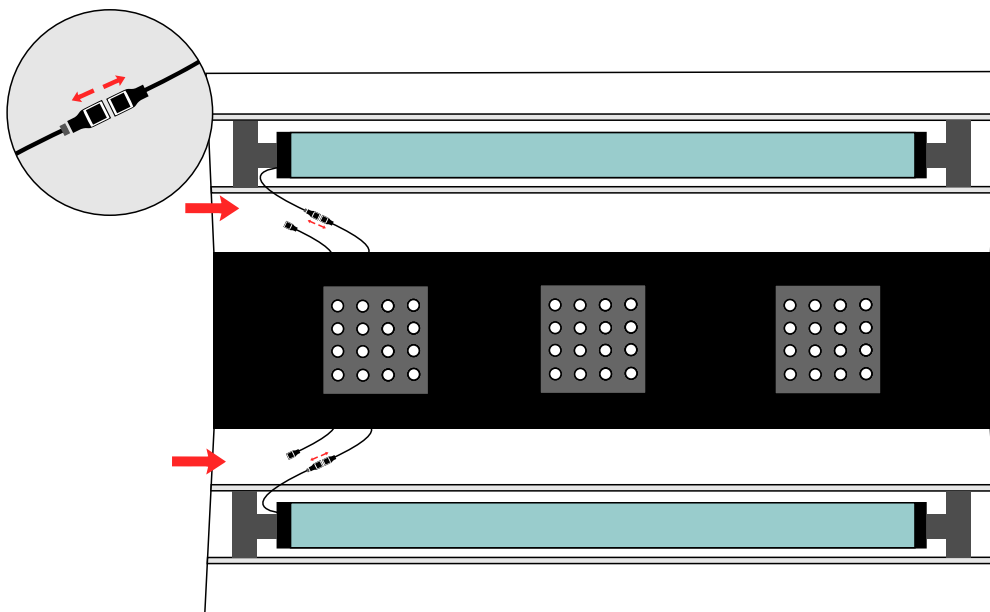
- 1 Disconnect the light from the power supply and place it on a stable surface. Loosen the screws on the head side and remove the housing cover.



- 2 Remove the protective screen by carefully sliding it out.

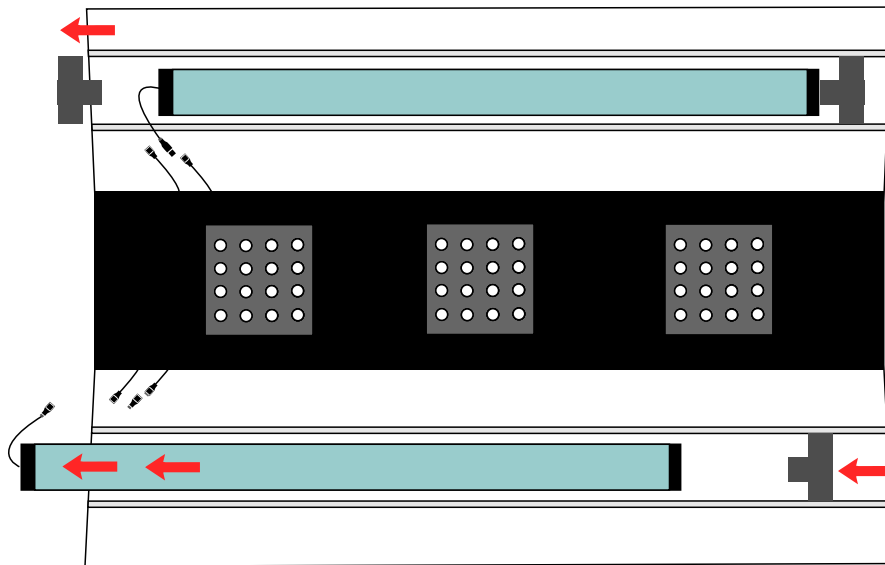


- 3 Disconnect the plug connections to the existing LED module.



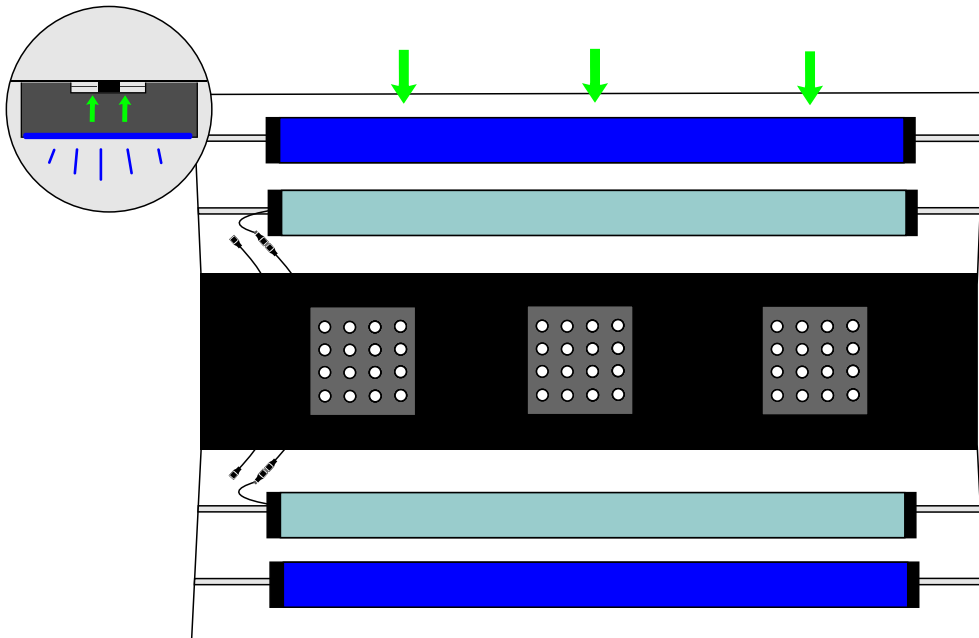
4

Remove the mounting bracket of the existing LED module by sliding it out, then slide out the LED module and remove the rear mounting bracket.



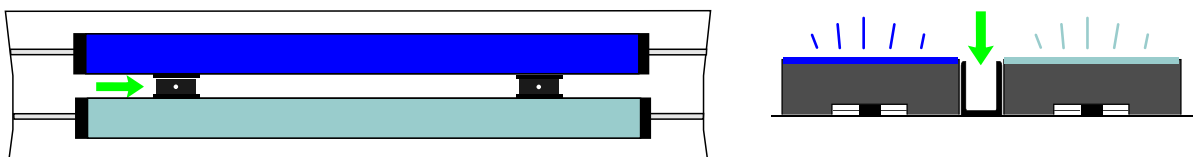
5

Remove the mounting bracket of the existing LED module by sliding it out, then slide out the LED module and remove the rear mounting bracket.



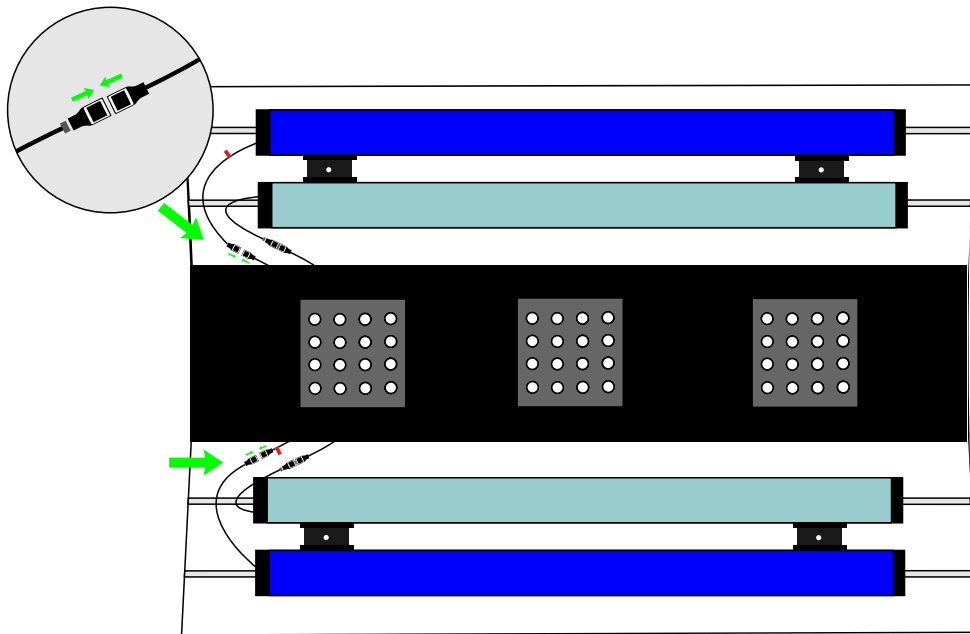
6

Use the retaining clips provided to clamp them **firmly** between the LED modules in the last third



7

Now connect both module plugs (on each side) to the two free sockets on the light. Check them carefully for a correct connection and a tight fit!



## IMPORTANT NOTE

There are 6 channels available in the lynk per app for the Matrix LED modules (Lagoon or Deep blue).

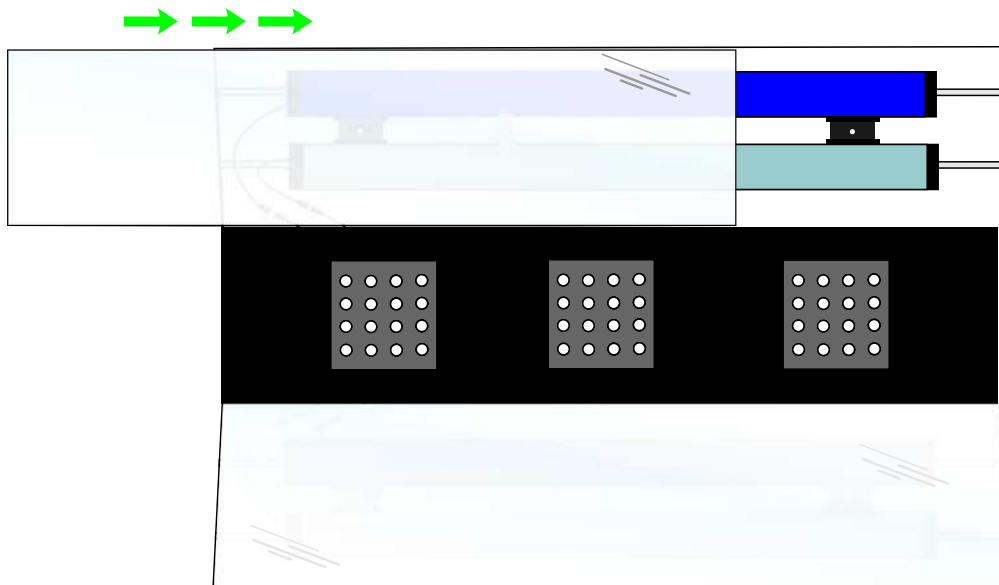
Channels (faders) 7 / 8 / 9 are intended for the Lagoon expansions. The channels / faders 10 / 11 / 12 are intended for the Deep blue expansions.

When installing, make sure that the modules are connected correctly and that there are no confusions when operating the app.

Always use the marked connections for additional modules and always use the original connections for the existing modules.

8

Slide the protective disk back into the guide grooves of the housing and screw the housing cover back on.





## TROUBLESHOOTING ASSISTANCE

We have taken great care with your AURORA V12, the software and the accompanying descriptions. Despite the greatest care and all kinds of technical assistance - our products are made by humans.

Therefore, errors cannot be excluded. We welcome constructive criticism and suggestions.

If you have any technical questions, please contact us.

By email to: [info@giesemann.de](mailto:info@giesemann.de)



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