




JBL LED SOLAR NATUR

High-performance LED light for freshwater aquariums

Suitable for: 



- Maximum light efficiency for beautiful aquatic plants: extremely high photosynthetically active radiation (PAR) of more than 220 $\mu\text{M/s/m}^2$
- Plug & play: clip light in tube holder or set it up, connect cable, switch on or dim via remote control and select one of 3 light colours
- Evenly distributed warm white and cool white LEDs for a biotope-compatible light climate, 2 channels with 3 preset light colours: 2700 K (warm white), 4500 K (daylight white), 6400 K (cool white)
- You can extend the features by using your smartphone to include preset biotope-compatible or individual light controls and the JBL LED SOLAR EFFECT RGB light for special colour effects
- Contains: water-protected light (IP67), remote control, driver (receiver), power supply unit, con. cable, holding brackets for top assembly & end caps f. installation in tube sockets (T5&T8). Guarantee: 2 years (+2 years upon registration of product)



JBL LED SOLAR NATUR

Accessories



6348810

JBL adapter UK for all flat-pin plugs



JBL LED SOLAR CONTROL

Control unit for JBL LED SOLAR lights



JBL LED SOLAR Hanging

Rope hanging fixture for JBL LED SOLAR lights



JBL LED SOLAR NATUR

Spare parts



JBL LED SOLAR end cap set



JBL LED SOLAR Holding Bracket Set



JBL LED SOLAR Driver



JBL LED SOLAR connection cable



JBL LED SOLAR Y- Cable Switch



JBL LED SOLAR IR sensor universal



JBL LED SOLAR IR remote control



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Product information

But the light spectrum of aquatic plants varies considerably from the spectrums found in our household or torch LEDs. We are talking here about the photosynthetically active radiation range of the light, called PAR, and a full spectrum which covers ALL the spectral ranges of the visible light spectrum. Only by combining these two components can we achieve the perfect light for aquarium plants!

The special features of the new JBL LED SOLAR lights:

The JBL LED SOLAR lights are suitable as replacements for ALL fluorescent tube lengths. Along with the light itself, the standard JBL SOLAR NATUR includes a remote control unit for simple and professional operation. The IR remote control means several JBL LED SOLAR systems can be operated simultaneously, as the frequency of the IR receivers is identical. If you don't want this, simply move the receivers further away from each other. Then you'll be able to operate each LED unit individually with the same remote control.

Marine water: The JBL LED SOLAR NATUR was originally developed for freshwater aquariums, but has also proved very popular with marine aquarists, as almost all cultivated corals come from shallow waters where they receive full sunlight. If you combine the JBL LED SOLAR NATUR with the JBL LED SOLAR EFFECT, you'll attain a colour temperature of 7800 Kelvin.

Lengths: the lengths stated (e.g. 22 W = 43.8 cm) refer to the fluorescent tube you are replacing.

Length of lamp: 22 W/38.3 cm; 24 W/49.5 cm; 37 W/68.7 cm; 44 W/79.5 cm; 57 W/99.2 cm; 59 W/109.5 cm; 68 W/139.5 cm

Length with plug-on holder suitable for: 22 W/45-70 cm; 24 W/55-80 cm; 37 W/75-100 cm; 44 W/85-110 cm; 57 W/105-130 cm; 59 W/115-140 cm; 68 W/145-170 cm

General calculation of lamp length: Stated length e.g. for 44 W 849 mm incl. retrofit adapters for the replacement of fluorescent tubes, minus adapter lengths (always the same): -50 mm -5 mm= 794 mm real lamp length.

| Further information | |
|-----------------------|---|
| FAQ | ✓ |
| Blog | ✓ |
| Press | ✓ |
| Laboratory/calculator | ✗ |
| Worth reading | ✓ |
| Spare parts | ✓ |
| Video | ✓ |
| GarantiePlus | ✓ |
| Instructions | ✓ |
| QR code |  |





JBL LED SOLAR NATUR



Product details

| Article data | | |
|--------------------------|--|--|
| Product name | JBL LED SOLAR NATUR 24 W, 549/590mm | JBL LED SOLAR NATUR 44 W, 849/895mm |
| Art. No. | 6190300 | 6190500 |
| EAN number | 4014162619037 | 4014162619051 |
| EAN as barcode | | |
| Performance | 24 W | 44 W |
| Length | 549 mm | 849 mm |
| Expiry months | - | - |
| RRP incl. VAT | 157,86 € | 218,36 € |
| Base price | - | - |
| Nominal filling quantity | - | - |
| Base quantity | 1 | 1 |
| Gross weight | 1505 g | 1954 g |
| Net weight | 1289 g | 1637 g |
| Weight change | - | - |

| Disposal | | |
|-------------------------|--|--|
| Product name | JBL LED SOLAR NATUR 24 W, 549/590mm | JBL LED SOLAR NATUR 44 W, 849/895mm |
| Art. No. | 6190300 | 6190500 |
| Green dot | ✓ | ✓ |
| Group electronic waste | Large appliances that can be used in private households | Large appliances that can be used in private households |
| Disposal weight | 721 g | 1069 g |
| Battery type | 1 x CR2025 3V lithium-manganese dioxide button cell | 1 x CR2025 3V lithium-manganese dioxide button cell |
| Battery return | Battery return - portable battery | Battery return - portable battery |
| Battery rechargeable | - | - |
| Disposal weight battery | 2.4 g | 2.4 g |
| Non-returnable glass | - | - |
| PPK | 216 g | 317 g |
| Plastic small | - | - |
| Plastic large | - | - |
| Disposal weight metal | 0 g | 0 g |

| Features | | |
|--------------|--|--|
| Product name | JBL LED SOLAR NATUR 24 W, 549/590mm | JBL LED SOLAR NATUR 44 W, 849/895mm |
| Art. No. | 6190300 | 6190500 |





| Features | | |
|----------------------|---|---|
| Animal species | Armored catfish, Arowana, Axolotl, Barbels, Bettas, Bichirs/ reedfish, Blowfish, Catfish, Cichlids (South America), Clawed frogs, Clawed shrimps, Crayfish, Crustaceans, Danions, Discus, Dwarf crayfish, Dwarf shrimps, Flowerhorn, Gill maggots, Goldfish, Gouramis, Guppy, Juvenile fish, Killifish, Livebearers, Loaches, Mussels, Newts, Panchaxes, Rainbowfish, Snails, Spiny eels, Tetra, Veiltails, blood parrot cichlids, freshwater butterflyfish | Armored catfish, Arowana, Axolotl, Barbels, Bettas, Bichirs/ reedfish, Blowfish, Catfish, Cichlids (South America), Clawed frogs, Clawed shrimps, Crayfish, Crustaceans, Danions, Discus, Dwarf crayfish, Dwarf shrimps, Flowerhorn, Gill maggots, Goldfish, Gouramis, Guppy, Juvenile fish, Killifish, Livebearers, Loaches, Mussels, Newts, Panchaxes, Rainbowfish, Snails, Spiny eels, Tetra, Veiltails, blood parrot cichlids, freshwater butterflyfish |
| Animal size | For all animal sizes | For all animal sizes |
| Animal age group | All aquarium and terrarium animals | All aquarium and terrarium animals |
| Volume of habitat | 55-80cm (90-130L) | 85-110cm (200-250L) |
| Material | Aluminium profile, light emitting diodes, power supply | Aluminium profile, light emitting diodes, power supply |
| Food type | - | - |
| Colour | silver | silver |
| Dosage | - | - |
| Transport conditions | - | - |



JBL LED SOLAR NATUR

| Electronic label / illuminant | | |
|-------------------------------|--|--|
| Product name | JBL LED SOLAR NATUR 24 W, 549/590mm | JBL LED SOLAR NATUR 44 W, 849/895mm |
| Art. No. | 6190300 | 6190500 |
| Ambient temperature | 80 °C | 80 °C |
| Start time | 0.1 s | 0.1 s |
| Mercury | - | - |
| Tube length | 549 mm | 849 mm |
| Service life | 50000 h | 50000 h |
| Lumen | 2500 lm | 4700 lm |
| CRI value | 85 | 85 |
| Dimmable | ✓ | ✓ |
| Switching cycles | 20000 | 20000 |
| PAR value | 220 W/m ² | 220 W/m ² |
| Energy efficiency class | - | - |
| UV-A | - | - |
| UV-B | - | - |
| UV-C | - | - |
| Colour temperature | 4000 K | 4000 K |
| Base designation | - | - |

| Technical data | | |
|-------------------------------|---|--|
| Product name | JBL LED SOLAR NATUR 24 W, 549/590mm | JBL LED SOLAR NATUR 44 W, 849/895mm |
| Art. No. | 6190300 | 6190500 |
| Range in litres | - | - |
| Range from - to | - | - |
| Range in days | - | - |
| Range tank length | 55-80 | 85-110 |
| Output in watts | 24 W | 44 W |
| Output per hour | - | - |
| Output per day | - | - |
| Height | 17 mm | 17 mm |
| Length | 495 mm | 795 mm |
| Width | 71 mm | 71 mm |
| Diameter | - | - |
| Voltage | 24 V | 24 V |
| For | - | - |
| T8 26mm (watt) | - | - |
| T5 16mm (watt) | - | - |
| Size | - | - |
| Content for | enthält 44x4 = 88 kaltweiße + 88 warmweiße = 176 einzelne LEDs | enthält 72x4 = 144 kaltweiße + 144 warmweiße = 288 einzelne LEDs |
| Filter container volume | - | - |
| Volume filter media | - | - |
| Hose connections pressure/out | - | - |





| Technical data | | |
|-----------------------------|---|---|
| Hose connections suction/in | - | - |
| Delivery head | - | - |





JBL LED SOLAR NATUR

| | |
|------------------|-------|
| Food type | - |
| Sub product type | lamps |
| Dosing | - |



Additional information for the specialist trade sector

| Article data | | |
|----------------------|--|--|
| Product name | JBL LED SOLAR NATUR 24 W, 549/590mm | JBL LED SOLAR NATUR 44 W, 849/895mm |
| Art. No. | 6190300 | 6190500 |
| VAT | 20% | 20% |
| Sales unit (SU) | 1 | 1 |
| Volume packaging | 4.9l | 7.3l |
| Dimensions (l/w/h) | 80 mm/112 mm/550 mm | 80 mm/112 mm/812 mm |
| Layer | 36 | 18 |
| Pallet | 144 | 72 |
| Category of products | 3 | 3 |
| Customs tariff | 85437090 | 85437090 |
| Country of origin | CN | CN |
| Type of packaging | Faltschachtel/Karton | Faltschachtel/Karton |

| PU 1 data | | |
|------------------|--|--|
| Product name | JBL LED SOLAR NATUR 24 W, 549/590mm | JBL LED SOLAR NATUR 44 W, 849/895mm |
| Art. No. | 6190300 | 6190500 |
| PU 1 material | cardboard gr | cardboard gr |
| PU 1 weight | 550 g | 865 g |
| PU 1 length | 556 mm | 819 mm |
| PU 1 width/depth | 232 mm | 232 mm |
| PU 1 height | 258 mm | 258 mm |

| PU 2 data | | |
|------------------|--|--|
| Product name | JBL LED SOLAR NATUR 24 W, 549/590mm | JBL LED SOLAR NATUR 44 W, 849/895mm |
| Art. No. | 6190300 | 6190500 |
| PU 2 material | None | None |
| PU 2 weight | - | - |
| PU 2 length | - | - |
| PU 2 width/depth | - | - |
| PU 2 height | - | - |

| Trade data | | |
|-------------------|--|--|
| Product name | JBL LED SOLAR NATUR 24 W, 549/590mm | JBL LED SOLAR NATUR 44 W, 849/895mm |
| Art. No. | 6190300 | 6190500 |
| Till receipt text | LED Natur 24W | LED Natur 44W |
| Shelf placement | Lighting aquariums | Lighting aquariums |