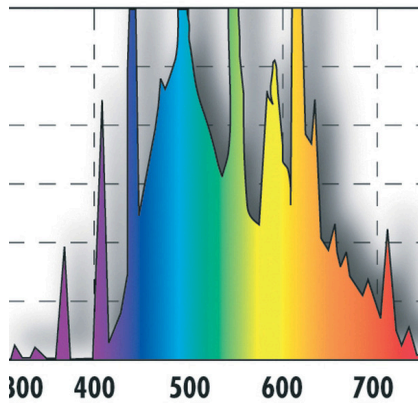




JBL SOLAR NATUR

T8 daylight tube for freshwater aquariums

Suitable for:



- Fluorescent tube Solar for fish and plants from sun-drenched waters, e.g. Lake Malawi and Lake Tanganyika
- Easy to install: insert fluorescent T8 tube socket into the fixture and turn until the tube locks into place
- Very bright, cold-white light with 9000 K as in sun-drenched waters. Perfect for fish and plants
- Excellent illumination from high lumen output. Scientifically tested by IFM Geomar: full spectrum similar to sunlight
- Colour rendering and full spectrum are guaranteed for 12 months. Includes reminder label for replacement



JBL SOLAR NATUR

Accessories



JBL Start Solar
Starter for T8 fluorescent tubes



**JBL SOLAR REFLECT
Clip Set**
Holder for fluorescent tubes



**JBL SOLAR Reflect T5/
T8 438-850 mm**
High-performance reflector
panel for fluorescent tubes



JBL Clips T5/T8 (Metal)
Metal holder for fluorescent
tubes



**JBL SOLAR Reflect T5/
T8 - 895-1500 mm**
Reflector panel for fluorescent
tube





JBL SOLAR NATUR



Product information

Light as energy source

Plants provide the aquarium with the oxygen vital for the aquarium dwellers. Plants prevent algae growth, remove pollutants, provide hiding places and reduce pathogens. The right full-spectrum light is important to achieve full photosynthesis.

Easy to install


Insert the fluorescent T8 tube socket into the fixture and turn until the tube locks into place.

Nature as a model

With its light colour and its spectral distribution of the light the tube meets with 9000 K the needs of the plants. It supports their growth and their photosynthetic performance. The light, equivalent to sunlight, inhibits the growth of algae. The light with the colouring render index 1 A means plants and fish present themselves in their natural beauty.

The full daylight spectrum

JBL full-spectrum tubes create light conditions modelled on nature and reproduce a balanced natural lighting. Tested by the IFM-Geomar Leibnitz-Institut für Meereswissenschaften and rated as very good and "Comparable to natural sunlight". With energy efficiency class B the tube is particularly energy-efficient. Correlation between light spectrum and light intensity: To create a very light tube you only have to intensify the yellow-green spectral range. Adding a little more red and blue will prevent the light from looking too yellow. That's how it is done with most tubes! However, we don't want to illuminate a living room but a planted aquarium with different demands, including ALL the spectral ranges of visible light (rainbow colours) to promote perfect growth. That's why JBL has designed "full-spectrum tubes", which include all the spectral ranges with NOTHING missing. In return they are slightly less light than other fluorescent tubes. The output of a tube is always 100%, but it is important to know which spectral ranges they cover!

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





JBL SOLAR NATUR



Product details

| Article data | | | |
|--------------------------|----------------------|----------------------|----------------------|
| Product name | JBL SOLAR NATUR 18 W | JBL SOLAR NATUR 30 W | JBL SOLAR NATUR 58 W |
| Art. No. | 6163100 | 6163300 | 6163600 |
| EAN number | 4014162616319 | 4014162616333 | 4014162616364 |
| EAN as barcode | | | |
| Performance | 18 W | 30 W | 58 W |
| Length | 590 mm | 895 mm | 1500 mm |
| Expiry months | - | - | - |
| RRP incl. VAT | 25,84 € | 26,94 € | 31,84 € |
| Base price | - | - | - |
| Nominal filling quantity | - | - | - |
| Base quantity | 1 | 1 | 1 |
| Gross weight | 185 g | 275 g | 395 g |
| Net weight | 95 g | 135 g | 225 g |
| Weight change | 1000 | 1000 | 1000 |

| Disposal | | | |
|-------------------------|--|--|--|
| Product name | JBL SOLAR NATUR 18 W | JBL SOLAR NATUR 30 W | JBL SOLAR NATUR 58 W |
| Art. No. | 6163100 | 6163300 | 6163600 |
| Green dot | ✓ | ✓ | ✓ |
| Group electronic waste | Gas discharge lamps that can be used in private households | Gas discharge lamps that can be used in private households | Gas discharge lamps that can be used in private households |
| Disposal weight | 95 g | 135 g | 225 g |
| Battery type | - | - | - |
| Battery return | - | - | - |
| Battery rechargeable | - | - | - |
| Disposal weight battery | - | - | - |
| Non-returnable glass | - | - | - |
| PPK | 82.86 g | 122.48 g | 210 g |
| Plastic small | - | - | - |
| Plastic large | - | - | - |
| Disposal weight metal | 0 g | 0 g | 0 g |

| Features | | | |
|--------------|----------------------|----------------------|----------------------|
| Product name | JBL SOLAR NATUR 18 W | JBL SOLAR NATUR 30 W | JBL SOLAR NATUR 58 W |
| Art. No. | 6163100 | 6163300 | 6163600 |





| Features | | | |
|----------------------|--|--|--|
| Animal species | Arowana, Artemia, Axolotl, Barbels, Bettas, Bichirs/reedfish, Blowfish, Catfish, Cichlids (South America), Cooter turtles, Crayfish, Danions, Discus, Dwarf shrimps, Flowerhorn, Gobies, Goldfish, Gouramis, Guppy, Hinged tortoises, Juvenile fish, Killifish, Leopard tortoises, Livebearers, Loaches, Mussels, Newts, Panchaxes, Rainbowfish, Red-footed tortoises, Snails, Spiny eels, Terrapins, Tetra, Tropical terrapins, Tropical tortoises, Veiltails, freshwater butterflyfish, turtle | Arowana, Artemia, Axolotl, Barbels, Bettas, Bichirs/reedfish, Blowfish, Catfish, Cichlids (South America), Cooter turtles, Crayfish, Danions, Discus, Dwarf shrimps, Flowerhorn, Gobies, Goldfish, Gouramis, Guppy, Hinged tortoises, Juvenile fish, Killifish, Leopard tortoises, Livebearers, Loaches, Mussels, Newts, Panchaxes, Rainbowfish, Red-footed tortoises, Snails, Spiny eels, Terrapins, Tetra, Tropical terrapins, Tropical tortoises, Veiltails, freshwater butterflyfish, turtle | Arowana, Artemia, Axolotl, Barbels, Bettas, Bichirs/reedfish, Blowfish, Catfish, Cichlids (South America), Cooter turtles, Crayfish, Danions, Discus, Dwarf shrimps, Flowerhorn, Gobies, Goldfish, Gouramis, Guppy, Hinged tortoises, Juvenile fish, Killifish, Leopard tortoises, Livebearers, Loaches, Mussels, Newts, Panchaxes, Rainbowfish, Red-footed tortoises, Snails, Spiny eels, Terrapins, Tetra, Tropical terrapins, Tropical tortoises, Veiltails, freshwater butterflyfish, turtle |
| Animal size | For all animal sizes | For all animal sizes | For all animal sizes |
| Animal age group | All aquarium fish | All aquarium fish | All aquarium fish |
| Volume of habitat | 80 cm | 100 cm | 160 cm |
| Material | Glass, metal, inert gas | Glass, metal, inert gas | Glass, metal, inert gas |
| Food type | - | - | - |
| Colour | white | white | white |
| Dosage | - | - | - |
| Transport conditions | - | - | - |



JBL SOLAR NATUR

| Electronic label / illuminant | | | |
|-------------------------------|----------------------|----------------------|----------------------|
| Product name | JBL SOLAR NATUR 18 W | JBL SOLAR NATUR 30 W | JBL SOLAR NATUR 58 W |
| Art. No. | 6163100 | 6163300 | 6163600 |
| Ambient temperature | 22 °C | 22 °C | 22 °C |
| Start time | 1 s | 1 s | 1 s |
| Mercury | ✓ | ✓ | ✓ |
| Tube length | 590 mm | 895 mm | 1500 mm |
| Service life | 10000 h | 10000 h | 10000 h |
| Lumen | 1100 lm | 2040 lm | 4100 lm |
| CRI value | 98 | 98 | 98 |
| Dimmable | ✓ | ✓ | ✓ |
| Switching cycles | 7000 | 7000 | 7000 |
| PAR value | - | - | - |
| Energy efficiency class | G | G | G |
| UV-A | - | - | - |
| UV-B | - | - | - |
| UV-C | - | - | - |
| Colour temperature | 9000 K | 9000 K | 9000 K |
| Base designation | T8 | T8 | T8 |

| Technical data | | | |
|-------------------------------|----------------------|----------------------|----------------------|
| Product name | JBL SOLAR NATUR 18 W | JBL SOLAR NATUR 30 W | JBL SOLAR NATUR 58 W |
| Art. No. | 6163100 | 6163300 | 6163600 |
| Range in litres | - | - | - |
| Range from - to | - | - | - |
| Range in days | - | - | - |
| Range tank length | - | - | - |
| Output in watts | 18 W | 30 W | 58 W |
| Output per hour | - | - | - |
| Output per day | - | - | - |
| Height | - | - | - |
| Length | 590 mm | 895 mm | 1500 mm |
| Width | - | - | - |
| Diameter | 26 mm | 26 mm | 26 mm |
| Voltage | - | - | - |
| For | - | - | - |
| T8 26mm (watt) | - | - | - |
| T5 16mm (watt) | - | - | - |
| Size | - | - | - |
| Content for | - | - | - |
| Filter container volume | - | - | - |
| Volume filter media | - | - | - |
| Hose connections pressure/out | - | - | - |
| Hose connections suction/in | - | - | - |
| Delivery head | - | - | - |





JBL SOLAR NATUR

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





Additional information for the specialist trade sector

| Article data | | | |
|----------------------|----------------------|----------------------|----------------------|
| Product name | JBL SOLAR NATUR 18 W | JBL SOLAR NATUR 30 W | JBL SOLAR NATUR 58 W |
| Art. No. | 6163100 | 6163300 | 6163600 |
| VAT | 20% | 20% | 20% |
| Sales unit (SU) | 4 | 4 | 4 |
| Volume packaging | 1.1l | 1.6l | 2.6l |
| Dimensions (l/w/h) | 37 mm/44 mm/673 mm | 37 mm/44 mm/978 mm | 37 mm/44 mm/1579 mm |
| Layer | 52 | 36 | 528 |
| Pallet | 936 | 756 | 528 |
| Category of products | 1 | 1 | 1 |
| Customs tariff | 85393110 | 85393110 | 85393110 |
| Country of origin | DE | DE | DE |
| Type of packaging | Faltschachtel/Karton | Faltschachtel/Karton | Faltschachtel/Karton |

| PU 1 data | | | |
|------------------|----------------------|----------------------|----------------------|
| Product name | JBL SOLAR NATUR 18 W | JBL SOLAR NATUR 30 W | JBL SOLAR NATUR 58 W |
| Art. No. | 6163100 | 6163300 | 6163600 |
| PU 1 material | cardboard gr | cardboard gr | cardboard gr |
| PU 1 weight | 129 g | 178 g | 282 g |
| PU 1 length | 82 mm | 82 mm | 82 mm |
| PU 1 width/depth | 680 mm | 980 mm | 69 mm |
| PU 1 height | 69 mm | 69 mm | 1585 mm |

| PU 2 data | | | |
|------------------|----------------------|----------------------|----------------------|
| Product name | JBL SOLAR NATUR 18 W | JBL SOLAR NATUR 30 W | JBL SOLAR NATUR 58 W |
| Art. No. | 6163100 | 6163300 | 6163600 |
| PU 2 material | None | None | None |
| PU 2 weight | - | - | - |
| PU 2 length | - | - | - |
| PU 2 width/depth | - | - | - |
| PU 2 height | - | - | - |

| Trade data | | | |
|-------------------|----------------------|----------------------|----------------------|
| Product name | JBL SOLAR NATUR 18 W | JBL SOLAR NATUR 30 W | JBL SOLAR NATUR 58 W |
| Art. No. | 6163100 | 6163300 | 6163600 |
| Till receipt text | S.Natur 18W | S.Natur 30W | S.Natur 58W |
| Shelf placement | - | - | - |

