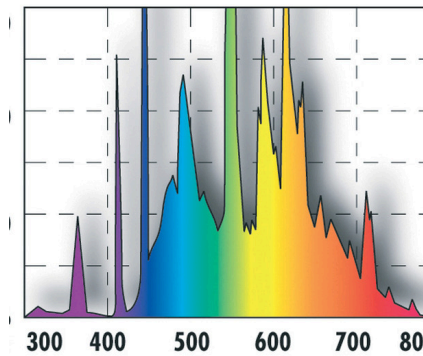




JBL SOLAR TROPIC

T8 sunlight tube for luxuriant aquarium plant growth

Suitable for:



- Fluorescent tube Solar with full-spectrum modelled on sunlight for perfect growth of all aquarium plants
- Easy to install: insert fluorescent T8 tube socket into the fixture and turn until the tube locks into place
- Ideal colour temperature for aquatic plants: 4000 Kelvin – slightly warm light, best colour rendering: colour rendering index 1A – very good. Best possible inhibition of algae: full photosynthetic performance
- Excellent illumination thanks to high lumen output. Scientifically tested by IFM Geomar: authentic full-spectrum light (all spectral ranges as contained in sunlight)
- Colour rendering and full spectrum are guaranteed for 12 months. Includes reminder label for replacement





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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



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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 4000 K the needs of the plants. It supports their growth and their photosynthetic performance. Perfect plant growth inhibits the growth of algae. The warm 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 |  |





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Product details

| Article data | | | | |
|--------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Product name | JBL SOLAR TROPIC 15 W | JBL SOLAR TROPIC 18 W | JBL SOLAR TROPIC 30 W | JBL SOLAR TROPIC 58 W |
| Art. No. | 6161000 | 6161100 | 6161300 | 6161600 |
| EAN number | 4014162616104 | 4014162616111 | 4014162616135 | 4014162616166 |
| EAN as barcode | | | | |
| Performance | 15 W | 18 W | 30 W | 58 W |
| Length | 438 mm | 590 mm | 895 mm | 1500 mm |
| Expiry months | - | - | - | - |
| RRP incl. VAT | 20,29 € | 21,37 € | 24,43 € | 27,23 € |
| Base price | - | - | - | - |
| Nominal filling quantity | - | - | - | - |
| Base quantity | 1 | 1 | 1 | 1 |
| Gross weight | 161 g | 185 g | 275 g | 395 g |
| Net weight | 71 g | 95 g | 135 g | 225 g |
| Weight change | 1000 | 1000 | 1000 | 1000 |

| Disposal | | | | |
|-------------------------|--|--|--|--|
| Product name | JBL SOLAR TROPIC 15 W | JBL SOLAR TROPIC 18 W | JBL SOLAR TROPIC 30 W | JBL SOLAR TROPIC 58 W |
| Art. No. | 6161000 | 6161100 | 6161300 | 6161600 |
| 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 | Gas discharge lamps that can be used in private households |
| Disposal weight | 71 g | 95 g | 135 g | 225 g |
| Battery type | - | - | - | - |
| Battery return | - | - | - | - |
| Battery rechargeable | - | - | - | - |
| Disposal weight battery | - | - | - | - |
| Non-returnable glass | - | - | - | - |
| PPK | 62.02 g | 82.86 g | 122.48 g | 210 g |
| Plastic small | - | - | - | - |
| Plastic large | - | - | - | - |
| Disposal weight metal | 0 g | 0 g | 0 g | 0 g |

| Features | | | | |
|--------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Product name | JBL SOLAR TROPIC 15 W | JBL SOLAR TROPIC 18 W | JBL SOLAR TROPIC 30 W | JBL SOLAR TROPIC 58 W |
| Art. No. | 6161000 | 6161100 | 6161300 | 6161600 |





| Features | | | | |
|----------------------|--|--|--|--|
| Animal species | Arowana, Artemia, Axolotl, Barbels, Bettas, Bichirs/reedfish, Blowfish, Catfish, Cichlids (South America), Cooter turtles, Crayfish, Danions, Discus, Dwarf shrimps, Flowerhorn, 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, 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, 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, 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 | For all animal sizes |
| Animal age group | All aquarium fish | All aquarium fish | All aquarium fish | All aquarium fish |
| Volume of habitat | 60 cm | 80 cm | 100 cm | 160 cm |
| Material | Glass, metal, inert gas | Glass, metal, inert gas | Glass, metal, inert gas | Glass, metal, inert gas |
| Food type | - | - | - | - |
| Colour | white | white | white | white |
| Dosage | - | - | - | - |
| Transport conditions | - | - | - | - |





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| Electronic label / illuminant | | | | |
|-------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Product name | JBL SOLAR TROPIC 15 W | JBL SOLAR TROPIC 18 W | JBL SOLAR TROPIC 30 W | JBL SOLAR TROPIC 58 W |
| Art. No. | 6161000 | 6161100 | 6161300 | 6161600 |
| Ambient temperature | 22 °C | 22 °C | 22 °C | 22 °C |
| Start time | 1 s | 1 s | 1 s | 1 s |
| Mercury | ✓ | ✓ | ✓ | ✓ |
| Tube length | 438 mm | 590 mm | 895 mm | 1500 mm |
| Service life | 10000 h | 10000 h | 10000 h | 10000 h |
| Lumen | 800 lm | 1150 lm | 1650 lm | 4300 lm |
| CRI value | 98 | 98 | 98 | 98 |
| Dimmable | ✓ | ✓ | ✓ | ✓ |
| Switching cycles | 7000 | 7000 | 7000 | 7000 |
| PAR value | - | - | - | - |
| Energy efficiency class | G | G | G | G |
| UV-A | - | - | - | - |
| UV-B | - | - | - | - |
| UV-C | - | - | - | - |
| Colour temperature | 4000 K | 4000 K | 4000 K | 4000 K |
| Base designation | T8 | T8 | T8 | T8 |

| Technical data | | | | |
|-------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Product name | JBL SOLAR TROPIC 15 W | JBL SOLAR TROPIC 18 W | JBL SOLAR TROPIC 30 W | JBL SOLAR TROPIC 58 W |
| Art. No. | 6161000 | 6161100 | 6161300 | 6161600 |
| Range in litres | - | - | - | - |
| Range from - to | - | - | - | - |
| Range in days | - | - | - | - |
| Range tank length | - | - | - | - |
| Output in watts | 15 W | 18 W | 30 W | 58 W |
| Output per hour | - | - | - | - |
| Output per day | - | - | - | - |
| Height | - | - | - | - |
| Length | 438 mm | 590 mm | 895 mm | 1500 mm |
| Width | - | - | - | - |
| Diameter | 26 mm | 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 | - | - | - | - |





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





Additional information for the specialist trade sector

| Article data | | | | |
|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Product name | JBL SOLAR TROPIC 15 W | JBL SOLAR TROPIC 18 W | JBL SOLAR TROPIC 30 W | JBL SOLAR TROPIC 58 W |
| Art. No. | 6161000 | 6161100 | 6161300 | 6161600 |
| VAT | 19% | 19% | 19% | 19% |
| Sales unit (SU) | 4 | 4 | 4 | 4 |
| Volume packaging | 1.1l | 1.1l | 1.6l | 2.6l |
| Dimensions (l/w/h) | 37 mm/44 mm/673 mm | 37 mm/44 mm/673 mm | 37 mm/44 mm/978 mm | 37 mm/44 mm/1579 mm |
| Layer | 52 | 52 | 36 | 528 |
| Pallet | 936 | 936 | 756 | 528 |
| Category of products | 1 | 1 | 1 | 1 |
| Customs tariff | 85393110 | 85393110 | 85393110 | 85393110 |
| Country of origin | DE | DE | DE | DE |
| Type of packaging | Faltschachtel/Karton | Faltschachtel/Karton | Faltschachtel/Karton | Faltschachtel/Karton |

| PU 1 data | | | | |
|------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Product name | JBL SOLAR TROPIC 15 W | JBL SOLAR TROPIC 18 W | JBL SOLAR TROPIC 30 W | JBL SOLAR TROPIC 58 W |
| Art. No. | 6161000 | 6161100 | 6161300 | 6161600 |
| PU 1 material | cardboard gr | cardboard gr | cardboard gr | cardboard gr |
| PU 1 weight | 129 g | 129 g | 178 g | 282 g |
| PU 1 length | 82 mm | 82 mm | 82 mm | 82 mm |
| PU 1 width/depth | 680 mm | 680 mm | 980 mm | 69 mm |
| PU 1 height | 69 mm | 69 mm | 69 mm | 1585 mm |

| PU 2 data | | | | |
|------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Product name | JBL SOLAR TROPIC 15 W | JBL SOLAR TROPIC 18 W | JBL SOLAR TROPIC 30 W | JBL SOLAR TROPIC 58 W |
| Art. No. | 6161000 | 6161100 | 6161300 | 6161600 |
| PU 2 material | None | None | None | None |
| PU 2 weight | - | - | - | - |
| PU 2 length | - | - | - | - |
| PU 2 width/depth | - | - | - | - |
| PU 2 height | - | - | - | - |

| Trade data | | | | |
|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Product name | JBL SOLAR TROPIC 15 W | JBL SOLAR TROPIC 18 W | JBL SOLAR TROPIC 30 W | JBL SOLAR TROPIC 58 W |
| Art. No. | 6161000 | 6161100 | 6161300 | 6161600 |
| Till receipt text | S.Tropic 15W | S.Tropic 18W | S.Tropic 30W | S.Tropic 58W |
| Shelf placement | - | - | - | - |

