



# JBL SOLAR NATUR T5 ULTRA, 45-80 W

T5 daylight full-spectrum tube for freshwater tanks

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 T5 tube socket into the fixture and turn until the tube locks into place
- Ideal colour temperature for plants and fish: 9000 Kelvin - best possible inhibition of algae: full photosynthetic performance
- Excellent illumination from high lumen output. Scientifically tested by IFM Geomar: full spectrum similar to sunlight
- Package contents: daylight full-spectrum tube for aquarium plants. With life span of at least 12 months, includes reminder label for replacement



# JBL SOLAR NATUR T5 ULTRA, 45-80 W

## Accessories



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



**JBL Clips T5/T8 (Metal)**  
Metal holder für fluorescent  
tubes



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



# JBL SOLAR NATUR T5 ULTRA, 45-80 W



## 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 T5 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. Perfect plant growth 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 T5 ULTRA, 45-80 W



## Product details

| Article data             |  |   |   |   |
|--------------------------|--|---|---|---|
| Product name             | JBL SOLAR NATUR T5 ULTRA<br>895mm-45 W | JBL SOLAR NATUR T5 ULTRA<br>1047mm-54 W | JBL SOLAR NATUR T5 ULTRA<br>1150mm-54 W | JBL SOLAR NATUR T5 ULTRA<br>1200mm-54 W |
| Art. No.                 | 6175400                                | 6175500                                 | 6167300                                 | 6175600                                 |
| EAN number               | 4014162617545                          | 4014162617552                           | 4014162616739                           | 4014162617569                           |
| EAN as barcode           |  |   |   |   |
| Performance              | 45 W                                   | 54 W                                    | 54 W                                    | 54 W                                    |
| Length                   | 895 mm                                 | 1047 mm                                 | 1150 mm                                 | 1200 mm                                 |
| Expiry months            | -                                      | -                                       | -                                       | -                                       |
| RRP incl. VAT            | 29,67 €                                | 31,95 €                                 | 32,49 €                                 | 33,03 €                                 |
| Base price               | -                                      | -                                       | -                                       | -                                       |
| Nominal filling quantity | -                                      | -                                       | -                                       | -                                       |
| Base quantity            | 1                                      | 1                                       | 1                                       | 1                                       |
| Gross weight             | 225 g                                  | 254 g                                   | 265 g                                   | 269 g                                   |
| Net weight               | 85 g                                   | 99 g                                    | 110 g                                   | 114 g                                   |
| Weight change            | 1000                                   | 1000                                    | 1000                                    | 1000                                    |

| Disposal                |  |  |  |  |
|-------------------------|--|--|--|--|
| Product name            | JBL SOLAR NATUR T5 ULTRA<br>895mm-45 W                     | JBL SOLAR NATUR T5 ULTRA<br>1047mm-54 W                    | JBL SOLAR NATUR T5 ULTRA<br>1150mm-54 W                    | JBL SOLAR NATUR T5 ULTRA<br>1200mm-54 W                    |
| Art. No.                | 6175400  | 6175500  | 6167300  | 6175600  |
| 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         | 85 g   | 99 g   | 110 g  | 114 g  |
| Battery type            | -  | -  | -  | -  |
| Battery return          | -  | -  | -  | -  |
| Battery rechargeable    | -  | -  | -  | -  |
| Disposal weight battery | -  | -  | -  | -  |
| Non-returnable glass    | -  | -  | -  | -  |
| PPK                     | 140 g  | 155 g  | 155 g  | 155 g  |
| Plastic small           | -  | -  | -  | -  |
| Plastic large           | -  | -  | -  | -  |
| Disposal weight metal   | 0 g  | 0 g  | 0 g  | 0 g  |

| Features     |  |   |   |   |
|--------------|--|---|---|---|
| Product name | JBL SOLAR NATUR T5 ULTRA<br>895mm-45 W | JBL SOLAR NATUR T5 ULTRA<br>1047mm-54 W | JBL SOLAR NATUR T5 ULTRA<br>1150mm-54 W | JBL SOLAR NATUR T5 ULTRA<br>1200mm-54 W |
| Art. No.     | 6175400                                | 6175500                                 | 6167300                                 | 6175600                                 |





| 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    | 100 cm   | 130 cm   | 130 cm   | 130 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 | -  | -  | -  | -  |





| Article data             |   |
|--------------------------|---|
| Product name             | JBL SOLAR NATUR T5 ULTRA<br>1450mm-80 W   |
| Art. No.                 | 6167400   |
| EAN number               | 4014162616746   |
| EAN as barcode           |  |
| Performance              | 80 W  |
| Length                   | 1450 mm   |
| Expiry months            | -   |
| RRP incl. VAT            | 37,08 €   |
| Base price               | -   |
| Nominal filling quantity | -   |
| Base quantity            | 1   |
| Gross weight             | 310 g   |
| Net weight               | 140 g   |
| Weight change            | 1000  |

| Disposal                |  |
|-------------------------|--|
| Product name            | JBL SOLAR NATUR T5 ULTRA<br>1450mm-80 W                    |
| Art. No.                | 6167400  |
| Green dot               | ✓  |
| Group electronic waste  | Gas discharge lamps that can be used in private households |
| Disposal weight         | 140 g  |
| Battery type            | -  |
| Battery return          | -  |
| Battery rechargeable    | -  |
| Disposal weight battery | -  |
| Non-returnable glass    | -  |
| PPK                     | 170 g  |
| Plastic small           | -  |
| Plastic large           | -  |
| Disposal weight metal   | 0 g  |

| Features         |  |
|------------------|--|
| Product name     | JBL SOLAR NATUR T5 ULTRA<br>1450mm-80 W  |
| Art. No.         | 6167400  |
| 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 |
| Animal size      | For all animal sizes   |
| Animal age group | All aquarium fish  |





| Features             |                         |
|----------------------|-------------------------|
| Volume of habitat    | 150 cm                  |
| Material             | Glass, metal, inert gas |
| Food type            | -                       |
| Colour               | white                   |
| Dosage               | -                       |
| Transport conditions | -                       |





# JBL SOLAR NATUR T5 ULTRA, 45-80 W

| Electronic label / illuminant |  |   |   |   |
|-------------------------------|--|---|---|---|
| Product name                  | JBL SOLAR NATUR T5 ULTRA<br>895mm-45 W | JBL SOLAR NATUR T5 ULTRA<br>1047mm-54 W | JBL SOLAR NATUR T5 ULTRA<br>1150mm-54 W | JBL SOLAR NATUR T5 ULTRA<br>1200mm-54 W |
| Art. No.                      | 6175400                                | 6175500                                 | 6167300                                 | 6175600                                 |
| Ambient temperature           | 22 °C                                  | 22 °C                                   | 22 °C                                   | 22 °C                                   |
| Start time                    | 1 s                                    | 1 s                                     | 1 s                                     | 1 s                                     |
| Mercury                       | ✓                                      | ✓                                       | ✓                                       | ✓                                       |
| Tube length                   | 1149 mm                                | 1047 mm                                 | 1149 mm                                 | 1200 mm                                 |
| Service life                  | -                                      | 20000 h                                 | 20000 h                                 | 20000 h                                 |
| Lumen                         | 2850 lm                                | 3500 lm                                 | 3700 lm                                 | 3500 lm                                 |
| CRI value                     | 90                                     | 90                                      | 90                                      | 90                                      |
| Dimmable                      | -                                      | ✓                                       | ✓                                       | ✓                                       |
| Switching cycles              | 10000                                  | 10000                                   | 10000                                   | 10000                                   |
| PAR value                     | -                                      | -                                       | -                                       | -                                       |
| Energy efficiency class       | G                                      | G                                       | G                                       | G                                       |
| UV-A                          | -                                      | -                                       | -                                       | -                                       |
| UV-B                          | -                                      | -                                       | -                                       | -                                       |
| UV-C                          | -                                      | -                                       | -                                       | -                                       |
| Colour temperature            | 9000 K                                 | 9000 K                                  | 9000 K                                  | 9000 K                                  |
| Base designation              | T5                                     | T5                                      | T5                                      | T5                                      |

| Technical data                |  |   |   |   |
|-------------------------------|--|---|---|---|
| Product name                  | JBL SOLAR NATUR T5 ULTRA<br>895mm-45 W | JBL SOLAR NATUR T5 ULTRA<br>1047mm-54 W | JBL SOLAR NATUR T5 ULTRA<br>1150mm-54 W | JBL SOLAR NATUR T5 ULTRA<br>1200mm-54 W |
| Art. No.                      | 6175400                                | 6175500                                 | 6167300                                 | 6175600                                 |
| Range in litres               | -                                      | -                                       | -                                       | -                                       |
| Range from - to               | -                                      | -                                       | -                                       | -                                       |
| Range in days                 | -                                      | -                                       | -                                       | -                                       |
| Range tank length             | -                                      | -                                       | -                                       | -                                       |
| Output in watts               | -                                      | -                                       | -                                       | -                                       |
| Output per hour               | -                                      | -                                       | -                                       | -                                       |
| Output per day                | -                                      | -                                       | -                                       | -                                       |
| Height                        | -                                      | -                                       | -                                       | -                                       |
| Length                        | -                                      | -                                       | -                                       | -                                       |
| Width                         | -                                      | -                                       | -                                       | -                                       |
| Diameter                      | -                                      | -                                       | -                                       | -                                       |
| 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   | -                                      | -                                       | -                                       | -                                       |







| Technical data |   |   |   |   |
|----------------|---|---|---|---|
| Delivery head  | - | - | - | - |





| Electronic label / illuminant |   |
|-------------------------------|---|
| Product name                  | JBL SOLAR NATUR T5 ULTRA<br>1450mm-80 W |
| Art. No.                      | 6167400                                 |
| Ambient temperature           | 22 °C                                   |
| Start time                    | 1 s                                     |
| Mercury                       | ✓                                       |
| Tube length                   | 1449 mm                                 |
| Service life                  | 20000 h                                 |
| Lumen                         | 5000 lm                                 |
| CRI value                     | 90                                      |
| Dimmable                      | ✓                                       |
| Switching cycles              | 10000                                   |
| PAR value                     | -                                       |
| Energy efficiency class       | G                                       |
| UV-A                          | -                                       |
| UV-B                          | -                                       |
| UV-C                          | -                                       |
| Colour temperature            | 9000 K                                  |
| Base designation              | T5                                      |

| Technical data                |   |
|-------------------------------|---|
| Product name                  | JBL SOLAR NATUR T5 ULTRA<br>1450mm-80 W |
| Art. No.                      | 6167400                                 |
| Range in litres               | -                                       |
| Range from - to               | -                                       |
| Range in days                 | -                                       |
| Range tank length             | -                                       |
| Output in watts               | -                                       |
| Output per hour               | -                                       |
| Output per day                | -                                       |
| Height                        | -                                       |
| Length                        | -                                       |
| Width                         | -                                       |
| Diameter                      | -                                       |
| 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 T5 ULTRA, 45-80 W

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





## Additional information for the specialist trade sector

| Article data         |  |   |   |   |
|----------------------|--|---|---|---|
| Product name         | JBL SOLAR NATUR T5 ULTRA<br>895mm-45 W | JBL SOLAR NATUR T5 ULTRA<br>1047mm-54 W | JBL SOLAR NATUR T5 ULTRA<br>1150mm-54 W | JBL SOLAR NATUR T5 ULTRA<br>1200mm-54 W |
| Art. No.             | 6175400                                | 6175500                                 | 6167300                                 | 6175600                                 |
| VAT                  | 19%                                    | 19%                                     | 19%                                     | 19%                                     |
| Sales unit (SU)      | 4                                      | 4                                       | 4                                       | 4                                       |
| Volume packaging     | 1.6l                                   | 2l                                      | 2l                                      | 2l                                      |
| Dimensions (l/w/h)   | 37 mm/44 mm/978 mm                     | 37 mm/44 mm/1276 mm                     | 37 mm/44 mm/1276 mm                     | 37 mm/44 mm/1276 mm                     |
| Layer                | 36                                     | 528                                     | 528                                     | 528                                     |
| Pallet               | 540                                    | 528                                     | 528                                     | 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 NATUR T5 ULTRA<br>895mm-45 W | JBL SOLAR NATUR T5 ULTRA<br>1047mm-54 W | JBL SOLAR NATUR T5 ULTRA<br>1150mm-54 W | JBL SOLAR NATUR T5 ULTRA<br>1200mm-54 W |
| Art. No.         | 6175400                                | 6175500                                 | 6167300                                 | 6175600                                 |
| PU 1 material    | cardboard gr                           | cardboard gr                            | cardboard gr                            | cardboard gr                            |
| PU 1 weight      | 178 g                                  | 223 g                                   | 223 g                                   | 223 g                                   |
| PU 1 length      | 82 mm                                  | 82 mm                                   | 82 mm                                   | 82 mm                                   |
| PU 1 width/depth | 980 mm                                 | 69 mm                                   | 69 mm                                   | 69 mm                                   |
| PU 1 height      | 69 mm                                  | 1285 mm                                 | 1285 mm                                 | 1285 mm                                 |

| PU 2 data        |  |   |   |   |
|------------------|--|---|---|---|
| Product name     | JBL SOLAR NATUR T5 ULTRA<br>895mm-45 W | JBL SOLAR NATUR T5 ULTRA<br>1047mm-54 W | JBL SOLAR NATUR T5 ULTRA<br>1150mm-54 W | JBL SOLAR NATUR T5 ULTRA<br>1200mm-54 W |
| Art. No.         | 6175400                                | 6175500                                 | 6167300                                 | 6175600                                 |
| 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 NATUR T5 ULTRA<br>895mm-45 W | JBL SOLAR NATUR T5 ULTRA<br>1047mm-54 W | JBL SOLAR NATUR T5 ULTRA<br>1150mm-54 W | JBL SOLAR NATUR T5 ULTRA<br>1200mm-54 W |
| Art. No.          | 6175400                                | 6175500                                 | 6167300                                 | 6175600                                 |
| Till receipt text | S.Ult.Natur 45W                        | S.Ult.Natur 54W                         | S.Ult.Natur 54W                         | S.Ult.Natur 54W                         |
| Shelf placement   | -                                      | -                                       | -                                       | -                                       |





| Article data         |   |
|----------------------|---|
| Product name         | JBL SOLAR NATUR T5 ULTRA<br>1450mm-80 W |
| Art. No.             | 6167400                                 |
| VAT                  | 19%                                     |
| Sales unit (SU)      | 4                                       |
| Volume packaging     | 2.6l                                    |
| Dimensions (l/w/h)   | 37 mm/44 mm/1579 mm                     |
| Layer                | 528                                     |
| Pallet               | 528                                     |
| Category of products | 1                                       |
| Customs tariff       | 85393110                                |
| Country of origin    | DE                                      |
| Type of packaging    | Faltschachtel/Karton                    |

| PU 1 data        |   |
|------------------|---|
| Product name     | JBL SOLAR NATUR T5 ULTRA<br>1450mm-80 W |
| Art. No.         | 6167400                                 |
| PU 1 material    | cardboard gr                            |
| PU 1 weight      | 282 g                                   |
| PU 1 length      | 82 mm                                   |
| PU 1 width/depth | 69 mm                                   |
| PU 1 height      | 1585 mm                                 |

| PU 2 data        |   |
|------------------|---|
| Product name     | JBL SOLAR NATUR T5 ULTRA<br>1450mm-80 W |
| Art. No.         | 6167400                                 |
| PU 2 material    | None                                    |
| PU 2 weight      | -                                       |
| PU 2 length      | -                                       |
| PU 2 width/depth | -                                       |
| PU 2 height      | -                                       |

| Trade data        |   |
|-------------------|---|
| Product name      | JBL SOLAR NATUR T5 ULTRA<br>1450mm-80 W |
| Art. No.          | 6167400                                 |
| Till receipt text | S.Ult.Natur 80W                         |
| Shelf placement   | -                                       |

