



# 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



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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 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 895mm-45 W	JBL SOLAR NATUR T5 ULTRA 1047mm-54 W	JBL SOLAR NATUR T5 ULTRA 1150mm-54 W	JBL SOLAR NATUR T5 ULTRA 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 895mm-45 W	JBL SOLAR NATUR T5 ULTRA 1047mm-54 W	JBL SOLAR NATUR T5 ULTRA 1150mm-54 W	JBL SOLAR NATUR T5 ULTRA 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 895mm-45 W	JBL SOLAR NATUR T5 ULTRA 1047mm-54 W	JBL SOLAR NATUR T5 ULTRA 1150mm-54 W	JBL SOLAR NATUR T5 ULTRA 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 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 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 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 895mm-45 W	JBL SOLAR NATUR T5 ULTRA 1047mm-54 W	JBL SOLAR NATUR T5 ULTRA 1150mm-54 W	JBL SOLAR NATUR T5 ULTRA 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 895mm-45 W	JBL SOLAR NATUR T5 ULTRA 1047mm-54 W	JBL SOLAR NATUR T5 ULTRA 1150mm-54 W	JBL SOLAR NATUR T5 ULTRA 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 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 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 895mm-45 W	JBL SOLAR NATUR T5 ULTRA 1047mm-54 W	JBL SOLAR NATUR T5 ULTRA 1150mm-54 W	JBL SOLAR NATUR T5 ULTRA 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 895mm-45 W	JBL SOLAR NATUR T5 ULTRA 1047mm-54 W	JBL SOLAR NATUR T5 ULTRA 1150mm-54 W	JBL SOLAR NATUR T5 ULTRA 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 895mm-45 W	JBL SOLAR NATUR T5 ULTRA 1047mm-54 W	JBL SOLAR NATUR T5 ULTRA 1150mm-54 W	JBL SOLAR NATUR T5 ULTRA 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 895mm-45 W	JBL SOLAR NATUR T5 ULTRA 1047mm-54 W	JBL SOLAR NATUR T5 ULTRA 1150mm-54 W	JBL SOLAR NATUR T5 ULTRA 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 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 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 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 1450mm-80 W
Art. No.	6167400
Till receipt text	S.Ult.Natur 80W
Shelf placement	-