



# JBL SOLAR NATUR T5 ULTRA, 24-39 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
- Colour rendering and full spectrum are guaranteed for 2 years. Includes reminder label for replacement



# JBL SOLAR NATUR T5 ULTRA, 24-39 W

## Accessories



**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 für fluorescent  
tubes



# JBL SOLAR NATUR T5 ULTRA, 24-39 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

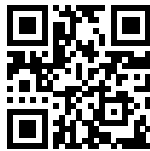
With its light colour and its spectral distribution of the light the tube meets with 9000 K the needs of the animals and plants. It supports their growth and their photosynthetic performance. Perfect plant growth inhibits the growth of algae. The light with the colouring render index 1 A means plants 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".

### 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, 24-39 W



## Product details

Article data				
Product name	JBL SOLAR NATUR T5 ULTRA 438mm-24 W	JBL SOLAR NATUR T5 ULTRA 550mm/24 W	JBL SOLAR NATUR T5 ULTRA 590mm-28 W	JBL SOLAR NATUR T5 ULTRA 590mm-28 W
Art. No.	6175100	6167100	6175200	6175300
EAN number	4014162617514	4014162616715	4014162617521	4014162617538
EAN as barcode				
Performance	24 W	24 W	28 W	35 W
Length	438 mm	550 mm	590 mm	742 mm
Expiry months	-	-	-	-
RRP incl. VAT	25,09 €	25,62 €	26,17 €	28,52 €
Base price	-	-	-	-
Nominal filling quantity	-	-	-	-
Base quantity	1	1	1	1
Gross weight	140 g	145 g	150 g	211 g
Net weight	50 g	55 g	60 g	71 g
Weight change	1000	1000	1000	1000

Disposal				
Product name	JBL SOLAR NATUR T5 ULTRA 438mm-24 W	JBL SOLAR NATUR T5 ULTRA 550mm/24 W	JBL SOLAR NATUR T5 ULTRA 590mm-28 W	JBL SOLAR NATUR T5 ULTRA 590mm-28 W
Art. No.	6175100	6167100	6175200	6175300
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	50 g	55 g	60 g	71 g
Battery type	-	-	-	-
Battery return	-	-	-	-
Battery rechargeable	-	-	-	-
Disposal weight battery	-	-	-	-
Non-returnable glass	-	-	-	-
PPK	90 g	90 g	90 g	140 g
Plastic small	-	-	-	-
Plastic large	-	-	-	-
Disposal weight metal	0 g	0 g	0 g	0 g

Features				
Product name	JBL SOLAR NATUR T5 ULTRA 438mm-24 W	JBL SOLAR NATUR T5 ULTRA 550mm/24 W	JBL SOLAR NATUR T5 ULTRA 590mm-28 W	JBL SOLAR NATUR T5 ULTRA 590mm-28 W
Art. No.	6175100	6167100	6175200	6175300





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	60 cm	80 cm	80 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 850mm-39 W
Art. No.	6167200
EAN number	4014162616722
EAN as barcode	
Performance	39 W
Length	850 mm
Expiry months	-
RRP incl. VAT	29,12 €
Base price	-
Nominal filling quantity	-
Base quantity	1
Gross weight	220 g
Net weight	80 g
Weight change	1000

Disposal	
Product name	JBL SOLAR NATUR T5 ULTRA 850mm-39 W
Art. No.	6167200
Green dot	✓
Group electronic waste	Gas discharge lamps that can be used in private households
Disposal weight	80 g
Battery type	-
Battery return	-
Battery rechargeable	-
Disposal weight battery	-
Non-returnable glass	-
PPK	140 g
Plastic small	-
Plastic large	-
Disposal weight metal	0 g

Features	
Product name	JBL SOLAR NATUR T5 ULTRA 850mm-39 W
Art. No.	6167200
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	100 cm
Material	Glass, metal, inert gas
Food type	-
Colour	white
Dosage	-
Transport conditions	-



# JBL SOLAR NATUR T5 ULTRA, 24-39 W

Electronic label / illuminant				
Product name	JBL SOLAR NATUR T5 ULTRA 438mm-24 W	JBL SOLAR NATUR T5 ULTRA 550mm/24 W	JBL SOLAR NATUR T5 ULTRA 590mm-28 W	JBL SOLAR NATUR T5 ULTRA 590mm-28 W
Art. No.	6175100	6167100	6175200	6175300
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	549 mm	590 mm	742 mm
Service life	20000 h	20000 h	20000 h	20000 h
Lumen	900 lm	1450 lm	1500 lm	1900 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 438mm-24 W	JBL SOLAR NATUR T5 ULTRA 550mm/24 W	JBL SOLAR NATUR T5 ULTRA 590mm-28 W	JBL SOLAR NATUR T5 ULTRA 590mm-28 W
Art. No.	6175100	6167100	6175200	6175300
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 850mm-39 W
Art. No.	6167200
Ambient temperature	22 °C
Start time	1 s
Mercury	✓
Tube length	849 mm
Service life	20000 h
Lumen	2400 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 850mm-39 W
Art. No.	6167200
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, 24-39 W

Food type	-
Sub product type	lamps
Dosing	-





## Additional information for the specialist trade sector

Article data				
Product name	JBL SOLAR NATUR T5 ULTRA 438mm-24 W	JBL SOLAR NATUR T5 ULTRA 550mm/24 W	JBL SOLAR NATUR T5 ULTRA 590mm-28 W	JBL SOLAR NATUR T5 ULTRA 590mm-28 W
Art. No.	6175100	6167100	6175200	6175300
VAT	19%	19%	19%	19%
Sales unit (SU)	4	4	4	4
Volume packaging	1.1l	1.1l	1.1l	1.6l
Dimensions (l/w/h)	37 mm/44 mm/673 mm	37 mm/44 mm/673 mm	37 mm/44 mm/673 mm	37 mm/44 mm/978 mm
Layer	52	52	52	36
Pallet	624	624	624	540
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 438mm-24 W	JBL SOLAR NATUR T5 ULTRA 550mm/24 W	JBL SOLAR NATUR T5 ULTRA 590mm-28 W	JBL SOLAR NATUR T5 ULTRA 590mm-28 W
Art. No.	6175100	6167100	6175200	6175300
PU 1 material	cardboard gr	cardboard gr	cardboard gr	cardboard gr
PU 1 weight	129 g	129 g	129 g	178 g
PU 1 length	82 mm	82 mm	82 mm	82 mm
PU 1 width/depth	680 mm	680 mm	680 mm	980 mm
PU 1 height	69 mm	69 mm	69 mm	69 mm

PU 2 data				
Product name	JBL SOLAR NATUR T5 ULTRA 438mm-24 W	JBL SOLAR NATUR T5 ULTRA 550mm/24 W	JBL SOLAR NATUR T5 ULTRA 590mm-28 W	JBL SOLAR NATUR T5 ULTRA 590mm-28 W
Art. No.	6175100	6167100	6175200	6175300
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 438mm-24 W	JBL SOLAR NATUR T5 ULTRA 550mm/24 W	JBL SOLAR NATUR T5 ULTRA 590mm-28 W	JBL SOLAR NATUR T5 ULTRA 590mm-28 W
Art. No.	6175100	6167100	6175200	6175300
Till receipt text	S.Ult.Natur 24W	S.Ult.Natur 24W	S.Ult.Natur 28W	S.Ult.Natur 35W
Shelf placement	-	-	-	-





Article data	
Product name	JBL SOLAR NATUR T5 ULTRA 850mm-39 W
Art. No.	6167200
VAT	19%
Sales unit (SU)	4
Volume packaging	1.6l
Dimensions (l/w/h)	37 mm/44 mm/978 mm
Layer	36
Pallet	540
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 850mm-39 W
Art. No.	6167200
PU 1 material	cardboard gr
PU 1 weight	178 g
PU 1 length	82 mm
PU 1 width/depth	980 mm
PU 1 height	69 mm

PU 2 data	
Product name	JBL SOLAR NATUR T5 ULTRA 850mm-39 W
Art. No.	6167200
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 850mm-39 W
Art. No.	6167200
Till receipt text	S.Ult.Natur 39W
Shelf placement	-

