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C A T A L O G



## OUR MISSION

**Venso was originally founded in Sweden in 2010 and as the market expanded we founded the start-up in Germany in 2016. We have now developed into a small umbrella brand with products and solutions focused on everything relating to plants.**

**We want to rethink all areas at home, in the office and in the greenhouse and use our products to revolutionize living spaces previously considered impervious to change. We want to galvanize the traditional greenery industry into new ways of thinking, and to utilize our umbrella brand to enable many more innovations in this area to conquer the market.**

## EXPANDING PRODUCT PORTFOLIO FOR OUR CLIENTS NEEDS

**At Venso, we are dedicated to continuously expanding our product portfolio to perfectly meet the needs of our customers. Through innovative developments and the introduction of new products, we consistently offer fresh, practical solutions that meet the highest quality standards. Our goal is not only to enhance existing products but also to create new opportunities that provide real value to our customers. This ensures that Venso always has the right solution available – today and in the future.**



## VENSO

- #01** OUR MISSION 03
- #02** WHO WE ARE & WHAT WE BELIEVE IN 06-07
- #03** AT VENSO EVERYTHING REVOLVES AROUND PLANTS 08
- #04** VENSO IS THE NEW GREEN 09-11
- #05** AREAS OF APPLICATION 12-13

## PLANT LIGHTING

- #06** SUNLITE LED GROW LIGHT 15-20
  - SUNLITE // 17
  - SUNLITE XL // 18
  - SUNLITE ORCHID // 19-20
- #07** miniHERB 21-22
- #08** E27 GROW LIGHTS 23-30
  - INDOOR PLANTS // 26
  - WINTER // 28
  - CULTURA // 30

## LED ACCESSORIES

- #09** LAMPSHADES 33-36
  - SAGA // 33-34
  - VEGA // 35-36
- #10** LAMP HOLDERS 37-40
  - TRANSPARENT & WHITE // 38
  - HELIX // 39-40
- #11** SUNLITE CONTROLLER 41
- #12** SMART ECO TIMER BLUE TOOTH 43

## SEMI-PRO & PRO LEDS

- #14** GROW LIGHT DUO 47-48
- #15** GROW LIGHT QUATTRO / QUATTRO DOUBLE 49-50
- #16** GROW LIGHT WINTER 51-52
- #17** GROW WHITE 53
- #18** LED WALL SPOT 56
- #19** RAIL TRACK LIGHT 58
- #21** SPOT TOP 59-60
- #22** COB 250 RBC/RBW 61-62
- #23** TROLLEY KIT 63-65

## GOOD TO KNOW

- #25** USEFUL INFO, KEY METRICS & BACKGROUND KNOWLEDGE ABOUT LED GROW LIGHTS 66-69

## COUNTRY REPRESENTATIVES

- #26** YOUR CONTACT TO VENSO 70



**WHO  
WE  
ARE &  
WHAT  
WE  
BELIEVE  
IN**



## **INNOVATION**

We want to use our innovative ideas to rethink and revolutionize areas of life at home and at work that previously seemed immutable. We want to use our products to create value and provide customers with clear benefits. And we want to use our umbrella brand to prepare the market for third-party innovators.



## **TECHNOLOGY**

We are pioneers in the green sector and want to promote high-quality solutions and new technologies that make life better for our customers. We use advanced technology to increase the natural productivity of our indoor plants, thus enhancing our quality of life anew every single day.



## **SUSTAINABILITY**

Sustainability is a top priority in everything we do. We want to make the world a little greener with our products and improve our quality of life with the help of plants, whether via the use of efficient LED technology in plant lighting or by filtering ambient air with the help of the plants' roots in an innovative biofilter system.

# AT VENSO EVERYTHING REVOLVES AROUND PLANTS!

**#FOR THE LOVE OF PLANTS**



At Venso, everything revolves around plants! We want to make the world a little greener. This aspiration is what drives our search for new ideas and products and underpins everything we do. In addition to increasing the amount of living greenery in our daily home and work environments, we also want to improve the quality of our green companions. This includes not only perfecting the care and upkeep of the indoor plants, but also increasing the performance and productivity of the plants themselves. These fundamental principles encourage us to promote products with which we can create a healthier and more pleasant environment at home and at work.



# Venso new

## **INSPIRATION & EMOTION**

At VENSO, we believe that plants are not just objects to be admired, but living beings that have the power to evoke emotions.

The benefits of plants on our emotional well-being are well-documented. They have been shown to reduce stress, anxiety, and depression, while promoting feelings of calm and relaxation. By incorporating plant life



NSC

# it's the green

into our daily routines, we can experience a profound shift in our mood and overall outlook on life. Whether we are artists, writers, or entrepreneurs, the presence of plants can help us tap into our innermost desires and find the inspiration we need to pursue our dreams. We are dedicated to providing the most innovative and effective lighting solutions that not only enhance the beauty of your plants, but also amplify their emotional

impact. Whether you are looking to create a calming oasis in your home or bring life into your office through the power of plants, we have the right products to help you. So if you're ready to experience the full emotional and inspirational potential of your plants, we invite you to explore our range of lighting solutions and discover how we can help you unlock the true power of nature.



## **INDOOR PLANTS**

*INDOOR PLANTS FOR ALL YEAR USAGE*

The “Indoor Plants” product category was developed for year-round lighting of green and flowering plants. The products in this category feature optimally coordinated light wavelengths to promote healthy growth of all indoor plants.

Our state-of-the-art, energy-efficient LED technology even enables you to place indoor plants in dark corners or windowless rooms. The wavelength spectrum ensures vibrant growth of your indoor plants and extends the flowering phase of plants such as orchids, for example. The lamps provide a pleasant, neutral white light, so that they can be beautifully integrated in living areas.



## **WINTER**

*OVERWINTERING*

The “Winter” product category was developed for cold overwintering of a wide range of Mediterranean potted plants such as olive and oleander trees. The products in this category feature optimally coordinated light wavelengths in the blue and white ranges to support Mediterranean plants during their dormant periods. Providing light in these wavelengths preserves the foliage to the greatest possible extent and protects the root systems. Support the winter dormancy of your Mediterranean plants with our state-of-the-art, energy-efficient LED technology and enjoy the strong, healthy flowering phase in the following spring.



## **CULTURA**

*CULTIVATION & GROWTH*

The product category “Cultura” was developed for cultivating a wide range of herbs, vegetables and flowering plants.

The products in this category feature optimally coordinated light wavelengths to promote photosynthesis and chlorophyll production, primarily in the blue (430-450 nm) and red (640-660 nm) areas of the spectrum. These wavelengths provide optimal support to seedlings and young plants during their growth phase, ensuring healthy and compact growth and help increase your harvest. State-of-the-art, energy-efficient LED technology in the “Cultura” category supports you in raising your young plants.



## **ACCESSORIES**

*PERFORMANCE IMPROVEMENT*

Accessories are an essential part of our portfolio. They not only help to improve the performance of the lighting but also increase efficiency and longevity. When enhancing the growth of plants using artificial lighting, it is important to invest in the right accessories to achieve the best results. We offer a big variety of accessoires from lamp shades to wireless bluetooth controllers. They help to ensure that your plants receive the optimal amount of light for healthy growth.

#05 AREAS OF APPLICATION

# FROM PROS FOR PROS



## **WE CLASSIFY OUR PRODUCTS INTO DIFFERENT AREAS**

Without a practical structure in which we integrate our products, all our green creativity would ultimately be merely a collection of wild ideas. To provide a clean structure for our pioneering green ideas and innovation activism, we've classified our products by area of application.

While indoor greenery is used to beautify dark corners and create indoor gardens, very different lighting is required for cultivating vegetables and herbs or overwintering Mediterranean balcony plants. Thus, with our plant lamps we create ideal lighting conditions for different applications for the corresponding plants and increase their natural productivity.

# PARUS

by VENSU



# ***PLANT- LIGHTING***



# SUNLiTE LED GROW LIGHT



## 7W SUNLiTE GROW LIGHT WITH TELESCOPIC STAND

Suitable for promoting healthy growth of plants indoors. The wavelengths of the light have been selected to help plants thrive and grow naturally. SUNLiTE provides a neutral white light. The lamp comes with a telescopic stainless steel stand that is adjustable and can be pushed straight into the soil.



# WHITE

**SUNLiTE**

Item No SE: 3 804 0220  
Item No DE: E504 110



EAN 7350067690304



# RED

**SUNLiTE**

Item No.: 3 804 0221  
Item No DE: E504 120



EAN 7350067690311



# COPPER

**SUNLiTE**

Item No SE: 3 804 0224  
Item No DE: E504 140



EAN 7350067690342



# PINK

**SUNLiTE**

Item No SE: 3 804 0227  
Item No DE: E505 180



EAN 7350067690656



# LIME GREEN

**SUNLiTE**

Item No SE: 3 804 0222  
Item No DE: E504 130

Item No.:



EAN 7350067690328



# BLACK

**SUNLiTE**

Item No SE: 3 804 0226  
Item No DE: E505 170



EAN 7350067690649



 **NEU**

# PETROL

**SUNLiTE**  
 Item No SE: 3 804 0225  
 Item No DE: E504 160



EAN 7350067690540



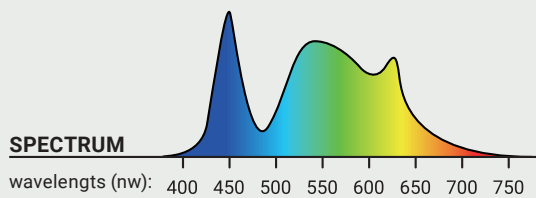
 **GREY**

# GREY

**SUNLiTE**  
 Item No SE: 3 804 0223  
 Item No DE: E504 150



EAN 7350067690335

**POWER** 7W  
**PPFD** 22  $\mu\text{mol}$  at 300 mm  
**PPF/J** 2,1  
**Light color** neutral white  
**Light angle** 120°

**Weight** 0,31 kg  
**Dimensions**  $\phi$ 110 x 60  
**Lifetime** > 20 000 hours  
**Warranty** 2 years  
**IP class** 54  
**Certifications** CE

**TELESCOPIC  
STAND 0,4 m - 1,70 m**



# WHITE XL

**SUNLiTE**

Item No SE: 3 804 0250  
Item No DE: E504 199



EAN 7350067690502



**NEU**

# GREY XL

**SUNLiTE**

Item No SE: 3 804 0251  
Item No DE: E504 198



EAN: 7350067690625

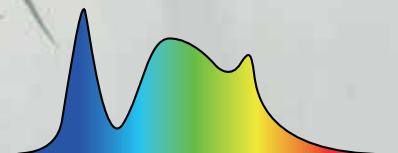


## 25W SUNLiTE XL WITH TELESCOPIC STAND

With its large lampshade (Ø160mm), the SUNLiTE XL 25 Watt LED grow light offers potted plants with high light requirements the optimum light wavelengths for healthier growth, especially during the dark season or in dark rooms. It is inserted directly into the plant pot with a telescopic stand. The stainless steel telescopic stand can be extended to a maximum of 1.70 m and is therefore particularly suitable for large indoor plants.

### SPECTRUM

wavelengths (nm): 400 450 500 550 600 650 700 750



**POWER** 25W

**PPFD** 80 µmol at 300 mm

**PPF/J** 44,9

**PPF/J** 2

**Light color** neutral

**Light angle** 120°

**Weight** 0,9 kg

**Dimensions** ø160 x 80

**Lifetime** > 25 000 hours

**Warranty** 2 years

**IP class** 54

**Certifications** CE



## **10W ORCHID SUNLiTE GROW LIGHT WITH TELESCOPIC STAND**

The 10W Sunlite LED grow light is suitable for extra light demanding plants, such as orchids, and for small-scale cultivation of herbs and other small plants. It is suitable for indoor locations. The telescopic stand is made from stainless steel and can be pushed in the soil in a plant pot. The LED module has a combination of red and white LEDs that produce a neutral white light. The wavelengths of this light have been selected to allow your plants to thrive and grow naturally.

# **SUNLiTE ORCHiD**

**#06 SUNLiTE LED GROW LIGHT**



# ORCHID

## SUNLiTE

Item No SE: 3 804 0210  
Item No DE: E504 191



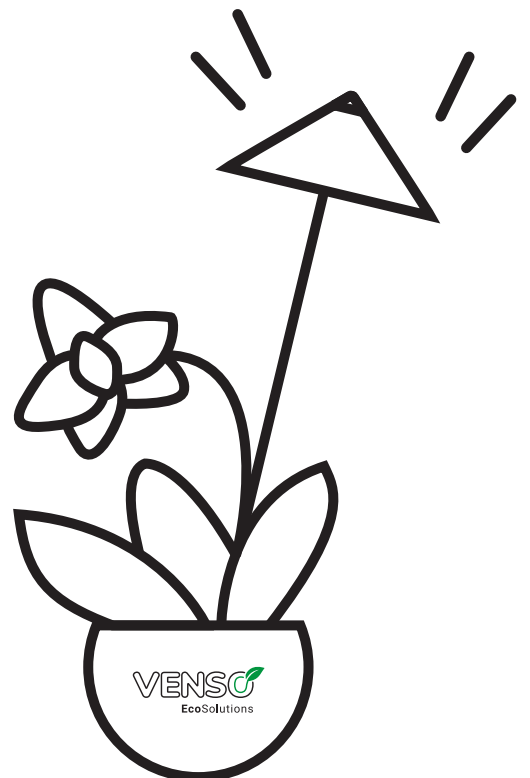
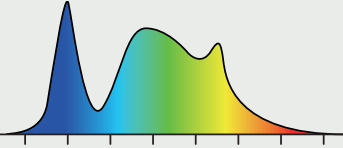
EAN 7350067690236

**POWER** 10W  
**PPFD** 44  $\mu\text{mol}$  at 300 mm  
**PPF/J** 2,6  
**PPF/J** 2,7  
**Light color** neutral  
**Light angle** 120°

**Weight** 0,31 kg  
**Dimensions**  $\varnothing$ 110 x 60  
**Lifetime** > 25 000 hours  
**Warranty** 2 years  
**IP class** 54  
**Certifications** CE

### SPECTRUM

wavelengths (nm): 400 450 500 550 600 650 700 750



#07 miniHERB

# MINI HERB



miniHERB is suitable for storing purchased spices, but it is perfectly possible to grow your own plants, albeit on a smaller scale. It consists of a container, where you can place up to 6 pots, and a powerful 10W LED grow light that provides the plants with especially developed light for a natural growth. The LED module has a combination of red and white LEDs that produce a neutral white light. The grow light comes with an adjustable telescopic stand that is placed in the container. The telescopic stand can be adjusted to the height of the plants.



# MINI HERB S

**230mm**

Item No SE: 3 803 0230  
Item No DE: E504 101

**POWER** 10W  
**PPFD** 44  $\mu\text{mol}$  at 300mm  
**PPF** 22,6  
**PPF/J** 2,7  
**Light color** neutral white  
**Light angle** 120°  
**Weight** 0,65 kg  
**Dimensions**  $\varnothing$ 230 x 80  
**Lifetime** 25 000 hours  
**Warranty** 2 years  
**IP class** 54  
**Certifications** CE



EAN 7350067690519



# MINI HERB L

**310mm**

Item No SE: 3 803 0240  
Item No DE: E504 102

**POWER** 10W  
**PPFD** 44  $\mu\text{mol}$  at 300mm  
**PPF** 22,6  
**PPF/J** 2,7  
**Light color** neutral white  
**Light angle** 120°  
**Weight** 0,85 kg  
**Dimensions**  $\varnothing$ 310 x 80  
**Lifetime** 25 000 hours  
**Warranty** 2 years  
**IP class** 54  
**Certifications** CE



EAN 7350067690526



**PARUS**  
by VENSU



# E27 G LIGHT



# GROW PLANTS

#08 E27 GROW LIGHTS

# INDOOR PLANTS



The product category indoor plants was developed especially for plants that require a slower pace of growth, helping them to thrive and develop in the best possible way. Our lighting solution emits warm white light, creating a perfect environment for your indoor plants to flourish.



# INDOOR PLANTS



## GROW LIGHT 7W

Item No SE: 3 803 0025  
Item No DE: E501 010



EAN 7350067690816

### HORTICULTURAL GROW LIGHT BULB FOR LIGHT SUPPORT AND DISPLAY

Suitable for indoor plants that are to thrive and develop at a slow pace. Emits natural white light.

**POWER** 7W  
**PPFD** 85 µmol at 300 mm  
**PPF** 6,5  
**PPF/J** 2,5  
**Light color** neutral white  
**Light angle** 30°  
**Weight** 0,09 kg

**Dimensions** ø63 x 92 mm  
**Growth area** up to ø1,0 mm  
**Lifetime** > 50 000 hours  
**Warranty** 2 years  
**IP class** 65  
**Certifications** CE, EMC



# INDOOR PLANTS



## GROW LIGHT 15W

Item No SE: 3 803 0026  
Item No DE: E501 011



EAN 7350067690823

### HORTICULTURAL GROW LIGHT BULB FOR LIGHT SUPPORT AND DISPLAY

Suitable for indoor plants that are to thrive and develop at a slow pace. Emits natural white light.

**POWER** 15W  
**PPFD** 220 µmol at 300 mm  
**PPF** 32  
**PPF/J** 2,5  
**Light color** neutral white  
**Light angle** 30°  
**Weight** 0,310 kg

**Dimensions** ø120 x 127 mm  
**Growth area** up to ø1,5 mm  
**Lifetime** > 50 000 hours  
**Warranty** 2 years  
**IP class** 65  
**Certifications** CE, EMC



# INDOOR PLANTS



## GROW LIGHT FLEXIA 12W

Item No SE: 3 803 0027  
Item No DE: E501 040



EAN 7350067690830

### HORTICULTURAL GROW LIGHT BULB FOR LIGHT SUPPORT AND DISPLAY

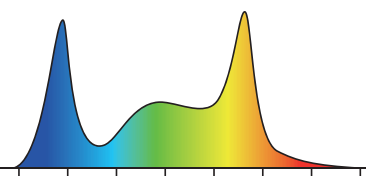
Suitable for indoor plants that are to thrive and develop at a slow pace. Emits natural white light.

**POWER** 12W  
**PPFD** 200 µmol at 300 mm  
**PPF** 20  
**PPF/J** 2,5  
**Light color** neutral white  
**Light angle** 30°  
**Weight** 0,420 kg

**Dimensions** ø95 x 375 mm  
**Growth area** up to ø1,4 mm  
**Lifetime** 50 000 hours  
**Warranty** 2 years  
**IP class** 65  
**Certifications** CE, EMC

### SPECTRUM

Wavelength (nm): 400 450 500 550 600 650 700 750





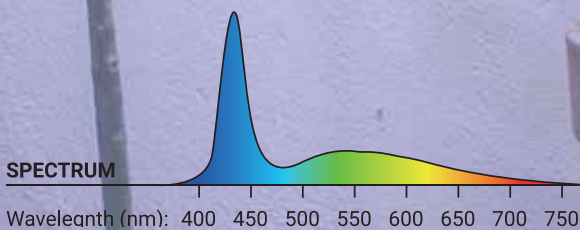
The product category winter was developed for cold overwintering of various Mediterranean potted plants, such as olive trees and citrus trees. With modern and energy efficient LED technology, your plants will enjoy a healthy and vigorous growth phase in the following spring.

Even in corners or in rooms without sufficient bright light, you do not have to do without real plants, if you offer the plants a suitable light spectrum through LED lamps. The light used should consist of the spectrum of the white and red wavelength range.



#08 E27 GROW LIGHTS

# WINTER





# WINTER

## GROW LIGHT 7W

Item No SE: 3 803 0023  
Item No DE: E501 020



EAN 7350067690793

### HORTICULTURAL GROW LIGHT BULB FOR WINTERING IN COLD SPACE

Suitable for wintering in cool temperatures 5-12°C.  
Emits cold white/blue light.

**POWER** 7W  
**PPFD** 45 µmol at 300 mm  
**PPF** 12  
**PPF/J** 2,3  
**Light color** blue  
**Light angle** 120°  
**Weight** 0,10 kg

**Dimensions** ø63 x 85 mm  
**Growth area** up to ø1400 mm  
**Lifetime** 50 000 hours  
**Warranty** 2 years  
**IP class** 65  
**Certifications** CE, EMC



# WINTER

## GROW LIGHT 15W

Item No SE: 3 803 0024  
Item No DE: E501 021



EAN 7350067690809

### HORTICULTURAL GROW LIGHT BULB FOR WINTERING IN COLD SPACE

Suitable for wintering in cool temperatures 5-12°C.  
Emits cold white/blue light.

**POWER** 15W  
**PPFD** 82 µmol at 300 mm  
**PPF** 24  
**PPF/J** 2,3  
**Light color** blue  
**Light angle** 120°  
**Weight** 0,26 kg

**Dimensions** ø120 x 128 mm  
**Growth area** up to ø2000 mm  
**Lifetime** 50 000 hours  
**Warranty** 2 years  
**IP class** 65  
**Certifications** CE, EMC

#08 E27 GROW LIGHTS

# CULTURA



The Cultura product category was developed for cultivating a wide variety of herbs, vegetables and flowering plants. Modern and energy-efficient LED technology of the Cultura category supports the cultivation of your young plants with optimally matched wavelengths.

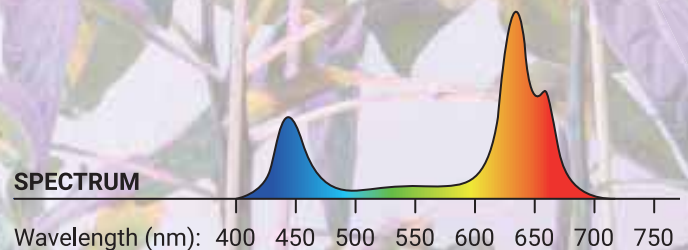
In addition to the influencing factors of seed, temperature and substrate, the necessary light is the limited factor when growing indoors. In addition, during the winter period, certain wavelengths are missing in the sunlight, which is scarce anyway. To provide the seedlings with the best possible light, it is best to help them out with plant lighting, ideally with LEDs.



## INTERESTING FACT:

**DID YOU KNOW  
THAT PINK AS  
A LIGHT COLOR  
DOES NOT EXIST**

PINK light does not exist in the visible spectrum of colors, meaning it doesn't have its own wavelength. The color which is in between red and blue in the spectrum, is GREEN. The brain already has green cone cells



to show you a green color. So, when the two lights enter, the brain can't display green and therefore translates it into the color PINK!



# CULTURA

## GROW LIGHT 7W

Item No SE: 3 803 0021  
Item No DE: E501 030



EAN 7350067690779

### HORTICULTURAL GROW LIGHT BULB FOR GROWING AND CULTIVATING

Suitable for cultivation, stimulates rapid growth and increased flowering. Emits warm red light.

**POWER** 7W

**PPFD** 85  $\mu\text{mol}$  at 300 mm

**PPF** 6,5

**PPF/J** 2,7

**Light color** magenta

**Light angle** 30°

**Weight** 0,10 kg

**Dimensions**  $\varnothing 63 \times 92$  mm

**Growth area** approx.  $\varnothing 800$  mm

**Lifetime** 50 000 hours

**Warranty** 2 years

**IP class** 65

**Certifications** CE



# CULTURA

## GROW LIGHT 15W

Item No SE: 3 803 0022  
Item No DE: E501 031



EAN 7350067690786

### HORTICULTURAL GROW LIGHT BULB FOR GROWING AND CULTIVATING

Suitable for cultivation, stimulates rapid growth and increased flowering. Emits warm red light.

**POWER** 15W

**PPFD** 155  $\mu\text{mol}$  at 300mm

**PPF** 25

**PPF/J** 2,6

**Light color** magenta

**Light angle** 30°

**Weight** 0,25 kg

**Dimensions**  $\varnothing 120 \times 127$  mm

**Growth area** up to  $\varnothing 1000$  mm

**Lifetime** 50 000 hours

**Warranty** 2 years

**IP class** 65

**Certifications** CE



# LED ACCES

**PARUS**  
by VENSU



# ACCESSORIES



Products from VENSO EcoSolutions are premium-quality products. This exceptional quality is also featured in our accessories, which are developed specifically as the perfect complements to our products. Round off your range of merchandise with the accessories and benefit from additional sales.



#09 LAMP SHADES

# SAGA



This lamp shade has been specially developed for plant lamps from VENSO. Not only does it convince with a timeless design but also offers an innovative venting system. It ensures a perfect circulation of air inside the lampshade, and a longer lifespan of the lamp. The lamp shade is available in four different colors and is compatible with all lamps with a E27 socket.



# WHITE



**SAGA LAMPSHADE**

Item No SE: 3 804 0203  
Item No DE: E501 430



EAN 7350067690373



# GREY



**SAGA LAMPSHADE**

Item No SE: 3 804 0206  
Item No DE: E501 460



EAN 7350067690403



# BLACK



**SAGA LAMPSHADE**

Item No SE: 3 804 0204  
Item No DE: E501 440



EAN 7350067690380



# RUST



**SAGA LAMPSHADE**

Item No SE: 3 804 0205  
Item No DE: E501 450



EAN 7350067690397



**POWER** max. 40W  
**Socket** E27  
**Weight** 0,6 kg  
**Dimensions**  
ø180 mm x 220 mm  
**Warranty** 2 years  
**IP class** 20  
**Certifications** CE



### VEGA LAMP-SHADE

This lampshade has been specially developed for our grow lights. Not only does it convince with a modern design but also offers good air circulation inside the lampshade. This ensures a longer lifespan of the lamp. The lampshade is available in different colors and is compatible with most light bulbs with a E27 socket with a max bulb diameter of 80 mm. It is especially suitable for our smaller 6W and 7W E27 grow lights.

#09 LAMP SHADES

# VEGA



# VEGA LAMP SHADE WHITE

Item No SE: 3 803 0002  
Item No DE: E501 510



EAN 7350067690564



# VEGA LAMP SHADE BLACK

Item No SE: 3 804 0231  
Item No DE: E501 520



EAN 7350067690571



# VEGA LAMP SHADE COPPER

Item No SE: 3 803 0232  
Item No DE: E501 530



EAN 7350067690588

VEGA is a stylish and neat luminaire that fits smaller LED plant lamps of 6W. The luminaire is designed for LED lamps which require good air circulation to maintain long life.

**POWER** max. 40W  
**Socket** E27  
**Weight** 0,55 kg  
**Dimensions** ø120 x 210 mm  
**Warranty** 2 years  
**IP class** 20  
**Certifications** CE





#10 LAMP HOLDERS

# LAMP HOL

# LAMP HOLDER



## TRANSPARENT WITH E27-BASE

Item No SE: 3 804 0202  
Item No DE: E501 400

Lamp holder with E27 socket, 4m transparent cable, switch, cable clip, hanging hook and plug. Does not include a lamp.



EAN 7350067690090

# LAMP HOLDER



## WHITE WITH E27-BASE

Item No SE: 3 804 0209  
Item No DE: E501 401

Lamp holder with E27 socket, 4m white textile cable, switch, cable clip, hanging hook and plug. Does not include a lamp.



EAN 7350067690557

## LAMP HOLDERS

Introducing our fabulous lamp holders, complete with an E27 socket, 4 meters of stylish transparent, white and textile cables, a convenient on/off switch, and ceiling mounting hardware that will elevate any room! Compatible with our 6 watt, 7 watt, and 18 watt bulbs, these lamp holders are true superstars. The durable and cables stretches an impressive 4 meters and come with a Euro plug, making it the perfect fit for any ceiling in your home.

# LDERS

#10 LAMP HOLDERS

# HELIX



## HELIX LAMP HOLDER

Lamp holder with E27 socket, 4 m twisted textile cable, switch, cable clip, hanging hook and plug.

Does not include bulb.



# HELIX - BLACK



## LAMP HOLDER WITH TWISTED CABLE E27-BASE

Item No SE: 3 804 0240  
Item No DE: E501 402

Lamp holder with E27 socket, 4 m twisted textile cable, switch, cable clip, hanging hook and plug. Does not include bulb.



EAN 7350067690595



# HELIX - BROWN



## LAMP HOLDER WITH TWISTED CABLE E27-BASE

Item No SE: 3 804 0241  
Item No DE: E501 403

Lamp holder with E27 socket, 4 m twisted textile cable, switch, cable clip, hanging hook and plug. Does not include bulb.



EAN 7350067690601



# HELIX - GREY



## LAMP HOLDER WITH TWISTED CABLE E27-BASE

Item No SE: 3 804 0242  
Item No DE: E501 404

Lamp holder with E27 socket, 4 m twisted textile cable, switch, cable clip, hanging hook and plug. Does not include bulb.



EAN 7350067690618

# SUNLITE CONTROLLER SINGLE



Item No SE: 3 804 0215  
Item No DE: E504 200

## CONTROL UNIT FOR ONE SUNLITE (7W-25W)

SUNLiTE CONTROLLER Single is intended for controlling a sunlite grow light. The lighting time can be adjusted between 0-24 hours. There are also four preset lighting times. The brightness can be adjusted to 10 different levels, 0 to 100%.



EAN 7350067690281

# SUNLITE CONTROLLER MULTI



Item No SE: 3 804 0216  
Item No DE: E504 210

## CONTROL UNIT FOR UP TO 5 SUNLITE (7W/10W)

SUNLiTE CONTROLLER Multi is intended for controlling up to 5 sunlite 7W or 10W grow lights. The lighting time can be adjusted between 0-24 hours. There are also four preset lighting times. The brightness can be adjusted to 10 different levels, 0 to 100%.



EAN 7350067690298

The SUNLiTE and the wall spots can be individually controlled with our technically sophisticated control units. Our SUNLiTE Controllers each offer four lighting intervals (from 12-18 hours of lighting per day) and 10 dimming levels. The plant lamps can even be controlled via an app with our Bluetooth Controller.

**Weight** 0,06 kg  
**Dimensions** 75 x 45 x 18 mm  
**Warranty** 2 years  
**IP class** 20  
**Certifications** CE

# SUNLITE & BLUETOOTH CONTROLLER

#11 SUNLITE CONTROLLER

**PARUS**  
by VENSØ



# SMART ECO TIMER BLUETOOTH

Item No SE: 9 100 0001  
Item No DE: E504 220



EAN 7350067690496



**Power** 4 kw max  
**Weight** 0,1 kg  
**Dimensions**  
55 mm x 55 mm x 72 mm  
**Warranty** 2 years  
**IP class** 20  
**Certifications** CE

## ADVANCED CONTROL UNIT FOR AUTO- MATIC LIGHTING CONTROL VIA APP.

Smart Eco Timer, is used to control the on-off status of any connected electrical appliance. It is ideal for controlling a grow light according to a desired lighting schedule. In addition it can be used to monitor the power consumption of the connected appliance. To alter the settings and monitor the status of the smart eco timer, a smartphone or tablet is used.





# SEMI- & PRO



# PRO LIFES



**PARUS**  
by VENSÖ



# GROW LIGHT DUO

## CULTURA

Item No SE: 3 803 0311  
Item No DE: E503 100

**Power** 20W  
**PPFD** 115  $\mu\text{mol}$  at 300mm  
**PPF** 52  
**PPF/J** 2,6  
**Light color** neutral white  
**Light angle** 120°  
**Weight** 2,05 kg  
**Dimensions** Light bar: 600 mm (L) x 45 mm (W) x 18,5 mm (H) Stand: 500 mm (L) x 300 mm (W)

x 540 mm (H)  
**Growth area** 70 x 50 cm  
**Lifetime** 50 000 hours  
**Warranty** 2 years  
**IP class** 54  
**Certifications** CE

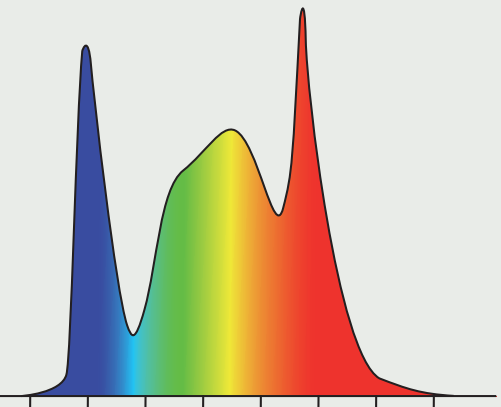
### PLANT LIGHT WITH REMOVABLE STAND

This grow light duo is ideal for germination and providing additional light. It gives seedlings energy and promotes healthy indoor growth. The Grow Light DUO provides a neutral white light with optimal wavelengths for photosynthesis. The Grow Light is supplied complete with a removable stand.



### SPECTRUM

Wavelength (nm): 400 450 500 550 600 650 700 750



#14 GROW LIGHTS

# GROW LIGHT DUO



## OUTSTANDING GROWTH

Grow Light Duo and Grow Light Quattro were developed for professional applications and offer special product features. For example, Grow Light Duo offers our latest GrowWhite spectrum - a special wavelength spectrum that promises outstanding growth and simultaneously beams a natural, white light that optimally harmonizes with your living space.

**PARUS**  
by VENSÖ



## FOR STRONG, ATTRACTIVE PLANTS IN SPRING



Grow Light Duo and Grow Light Quattro were developed for professional applications and offer special product features. For example, Grow Light Duo offers our latest GrowWhite spectrum - a special wavelength spectrum that promises outstanding growth and simultaneously beams a natural, white light that optimally harmonizes with your living space.

# GROW LIGHT QUATTRO & QUATTRO DOUBLE

#15 GROW LIGHTS



# GROW LIGHT QUATTRO

## CULTURA I WINTER

Item No SE: 3 804 0010  
Item No DE: E503 200



EAN 7350067690410

**Power** 35W  
**PPFD** 252  $\mu\text{mol}$  at 300mm  
**PPF** 73,9  
**PPF/J** 2,7  
**Light color** red, blue, white  
**Light angle** 90°  
**Weight** 1,5 kg  
**Dimensions**  
660 mm (L) x 70 mm (W)  
x 42 mm (H)  
**Growth area** 100 x 70 cm  
**Lifetime** 50 000 hours  
**Warranty** 2 years  
**IP class** 54  
**Certifications** CE



# GROW LIGHT QUATTRO DOUBLE

## CULTURA I WINTER

Item No SE: 3 804 0009  
Item No DE: E503 300

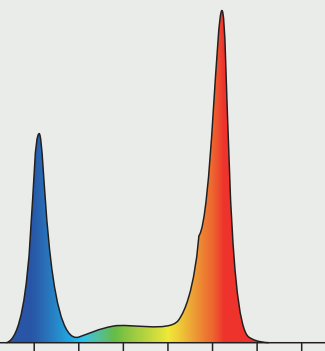


EAN 7350067690199

**Power** 60W  
**PPFD** 349  $\mu\text{mol}$  at 300mm  
**PPF** 139,1  
**PPF/J** 2,7  
**Light color** red, blue, white  
**Light angle** 90°  
**Weight** 3,35 kg  
**Dimensions**  
655 mm (L) x 160 mm (W)  
x 95 mm (H)  
**Growth area** 100 x 140 cm  
**Lifetime** 35 000 hours  
**Warranty** 2 years  
**IP class** 54  
**Certifications** CE

SPECTRUM

Wavelength (nm): 400 450 500 550 600 650 700 750





## PERFECT FOR OVERWINTERING

Our winter fixtures are mainly suitable for overwintering plants in a cool space (below 10°C). These luminaires have a light composition with blue and white wavelengths and emit cool white light that can also be used well when sowing seeds and pulling up seedlings in the spring. The fixture covers an area of up to 4m<sup>2</sup> when winterized in a cool space.

# GROW LIGHT WINTER

#16 GROW LIGHTS



# GROW LIGHT WINTER

Item No SE: 3 804 0002  
Item No DE: E503 210



EAN 7350067690229

**Power** 30W  
**PPFD** 368  $\mu\text{mol}$  at 200mm  
**PPF** 57  
**PPF/J** 1,9  
**Light color** cold white / blue light  
**Light angle** 90°  
**Weight** 2,25 kg  
**Dimensions**  
600 mm (L) x 60mm (W) x 95 mm (H)  
**Growth area** 4sq m  
**Lifetime** 50 000 hours  
**Warranty** 2 years  
**IP class** 54  
**Certifications** CE



# GROW LIGHT WINTER 2 ROWS

Item No SE: 3 804 0005  
Item No DE: E503 310

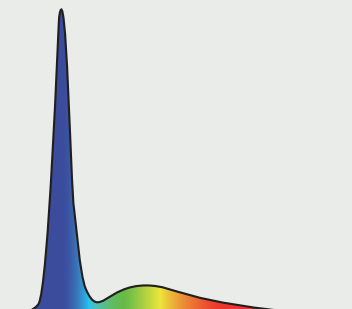


EAN 0000000000000

**Power** 20W  
**PPFD** 408  $\mu\text{mol}$  at 200mm  
**PPF** 114  
**PPF/J** 1,9  
**Light color** blue white  
**Light angle** 90°  
**Weight** 3,5 kg  
**Dimensions**  
610 mm (L) x 158 mm (W) x 95 mm (H)  
**Growth area** 4sq m  
**Lifetime** 50 000 hours  
**Warranty** 2 years  
**IP class** 54  
**Certifications** CE

SPECTRUM

Wavelength (nm): 400 450 500 550 600 650 700 750





# GROW WHITE 475



Item No SE: 3 803 0320  
Item No DE: E503 399



EAN 7350067690427

**Power** 30W

**PPFD** 368  $\mu\text{mol}$  at 200mm

**PPF** 57

**PPF/J** 1,9

**Light color** cold white /  
blue light

**Light angle** 90°

**Weight** 2,25 kg

**Dimensions**

600 mm (L) x 60mm (W) x 95 mm (H)

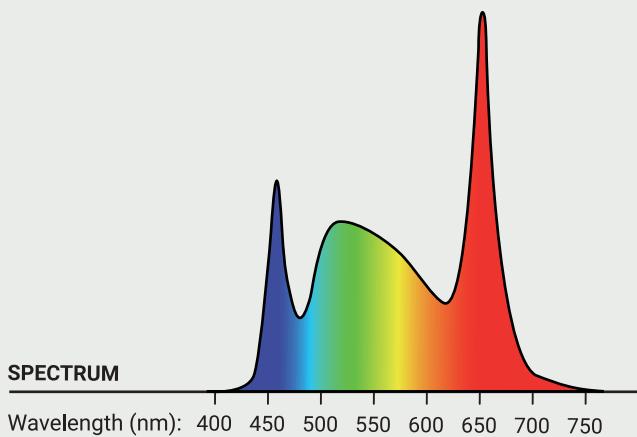
**Growth area** 100 x 70 cm

**Lifetime** 50 000 hours

**Warranty** 2 years

**IP class** 54

**Certifications** CE



## PLANT LUMINAIRE FOR KITCHEN CABINETS

Grow White 475 plant luminaire is designed with full-spectrum light. This is a white LED light with a predominance of blue and red wavelengths, encouraging optimal growth and photosynthesis. It is used for seed starting and cultivation, or to provide extra light. The luminaire emits a nice white light that fits well in a home environment. The light emitted has excellent colour rendering, which displays your crops and ornamental plants with clear and vibrant colors.

#17 GROW LIGHTS

# GROW WHITE





### PLANT LUMINAIRE FOR GREEN WALLS

The LED WALL SPOT is suitable for illuminating green walls. The special wavelength ratio emits a beautiful white light, which emphasizes the colors of the plants, and provides a balanced growth and makes the leaves stronger and healthier. An angled bracket for mounting in the ceiling is included.

#18 PRO LEDS

# LED WALL SPOT





# LED WALL SPOT

**60 cm 30°**  
Item No SE: 3 803 0306  
Item No DE: E503 516



Alternative beam angle available

15°, 45°, 60°, 90°, 120°



EAN 0676420151310



# LED WALL SPOT

**150 cm 30°**  
Item No SE: 3 803 0309  
Item No DE: E503 546



Alternative beam angle available

15°, 45°, 60°, 90°, 120°



EAN 0676420151440



# LED WALL SPOT

**90 cm 30°**  
Item No SE: 3 803 0307  
Item No DE: E503 526



Alternative beam angle available

15°, 45°, 60°, 90°, 120°



EAN 0676420151365



# LED WALL SPOT

**120 cm 30°**  
Item No SE: 3 803 0308  
Item No DE: E503 536



Alternative beam angle available

15°, 45°, 60°, 90°, 120°



EAN 0676420151396

The special lighting angle of 30° makes our LED wall spots the ideal plant lighting system for windows and niches with little light. Thanks to their beam angle, the LED wall spots can be mounted at a height of up to 1.5 meters above the plants. The precisely coordinated wavelengths of our innovative GrowWhite spectrum ensures the provision of optimal lighting. This professional product is also ideal for lighting green walls and vertically arranged interior greenery. LED wall spots by PARUS are available in lengths of 60, 90, 120 and 150 cm.

## LED WALL SPOT 60

**Power** 20W  
**PPF** 48  
**Weight** 1,1 kg  
**Dimensions**  
600 mm (L) x 45 mm (W)  
x 19 mm (H)

## LED WALL SPOT 90

**Power** 30W  
**PPF** 72  
**Weight** 1,21 kg  
**Dimensions**  
900 mm (L) x 46 mm (W)  
x 19 mm (H)

## LED WALL SPOT 120

**Power** 40W  
**PPF** 96  
**Weight** 1,85 kg  
**Dimensions**  
1200 mm (L) x 46 mm (W)  
x 19 mm (H)

## LED WALL SPOT 150

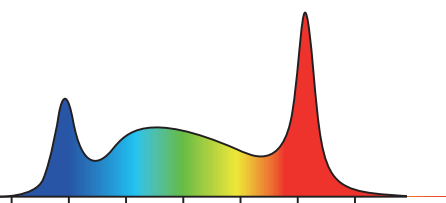
**Power** 50W  
**PPF** 120  
**Weight** 2,0 kg  
**Dimensions**  
1500 mm (L) x 46 mm (W)  
x 19 mm (H)

**PPFD** 430 µmol at 200mm  
**PPF/J** 2,4  
**Light color** neutral white  
**Light angle** 120°  
**Lifetime** 50 000 hours  
**Warranty** 2 years  
**IP class** 54  
**Certifications** CE

\*PAR depends on beam angle (30°)

## SPECTRUM

Wavelength (nm): 400 450 500 550 600 650 700 7





# RAIL TRACK LIGHT

#19 RAIL TRACK

## RAIL TRACK LIGHT

The lower the beam angle, the further away the LED strip can be placed from the plant. As the beam angle increases, the photon flux arriving at the plant decreases.



SPECTRUM

Wavelength (nm): 400 450 500 550 600 650 700 750



# RAIL TRACK LIGHT BLACK

**Watt: 20 Watt**  
**Hi-Power LED Chips: 6**  
**Dimensions: 605mm (L) 34mm x (W) x 121mm (H)**

**Angle: 30°**  
*Item No DE: E503 566*



EAN 7350067690687

**Angle: 60°**  
*Item No DE: E503 564*



EAN 7350067690694

**Angle: 90°**  
*Item No DE: E503 562*



EAN 7350067690700



# RAIL TRACK LIGHT<sup>60cm</sup> WHITE

**Watt: 20 Watt**  
**Hi-Power LED Chips: 6**  
**Dimensions: 605mm (L) 34mm x (W) x 121mm (H)**

**Angle: 30°**  
*Item No DE: E503 556*



EAN 7350067690717

**Angle: 60°**  
*Item No DE: E503 554*



EAN 7350067690724

**Angle: 90°**  
*Item No DE: E503 552*

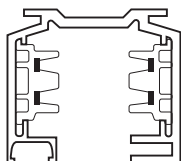


EAN 7350067690731



36mm

32mm



3-phase track  
Compatible with all common  
four-wire 3-circuit track  
systems.

High power LED with the latest  
LED chip technology, we  
achieve particularly  
high efficiency.

**Power** 90-245 VAC, 50-60 Hz  
**Quantity LEDs** 8 Hi-Power LED-Chips  
**Wavelength ratio** Full spectrum (White): 100% GrowWhite  
**Wavelength ranges** Full spectrum (White): 380-730nm  
**Light angle** 30° / 60° / 90°  
**Weight** 0,95 kg  
**Lifetime** 50 000 hours  
**Warranty** 2 years  
**IP class** IP54 and laser protection class 1  
**Body material** Aluminium

# SPOT TOP



#21 SPOT TOP

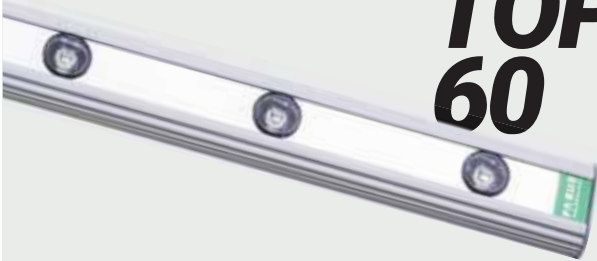
## PLANT LIGHT FOR WINDOWS AND NICHES

The plant light is suitable for illuminating windows and niches. The special wavelength ratio emits a beautiful white light, which emphasizes the colors of the plants, provides a balanced growth and makes the leaves stronger and healthier.

The luminaire comes with a pair of suspension clips, for mounting on the ceiling, drop-down wire or similar.



# SPOT TOP 60



## INDOOR PLANTS

Item No SE: 3 803 0301



EAN 7350067690205

POWER 20W  
PPFD 500  $\mu\text{mol}$  at 200mm  
PPF 52  
PPF/J 2,6  
Light color neutral white  
Light angle 30°  
Weight 0,75 kg  
Dimensions  
600 mm (L) x 45 mm (W) x 19 mm (H)  
Lifetime 50 000 hours  
Warranty 2 years  
IP class 54  
Certifications CE



# SPOT TOP 90



## INDOOR PLANTS

Item No SE: 3 803 0303



EAN 7350067690212

POWER 30W  
PPFD 500  $\mu\text{mol}$  at 200mm  
PPF 78  
PPF/J 2,6  
Light color neutral white  
Light angle 30°  
Weight 1,05 kg  
Dimensions  
900 mm (L) x 46 mm (W) x 19 mm (H)  
Lifetime 50 000 hours  
Warranty 2 years  
IP class 54  
Certifications CE



# SPOT TOP 120



## INDOOR PLANTS

Item No SE: 3 803 0304



EAN 7350067690359

POWER 40W  
PPFD 500  $\mu\text{mol}$  at 200mm  
PPF 104  
PPF/J 2,6  
Light color neutral white  
Light angle 30°  
Weight 1,45 kg  
Dimensions  
1200 mm (L) x 46 mm (W) x 19 mm (H)  
Lifetime 50 000 hours  
Warranty 2 years  
IP class 54  
Certifications CE



#22 COB 25 RBC / RBW

# COB 250 RBC / RBW



Plant light with full spectrum light. Specially designed LED chip wavelengths which stimulate photosynthesis and chlorophyll formation. It comes with a suspension cord for easy mounting. The luminaire connects to a grounded outlet.

**Power** 240W

**PPFD** 316  $\mu\text{mol}$  at 1m

**Light angle** 120°

**Weight** 5,6 kg

**Dimensions**

312 mm (L) x 170 mm (W) x 160 mm (H)

**Growth area** 7 m<sup>2</sup>

**Lifetime** > 50 000 hours

**Warranty** 2 years

**IP class** 55

**Certifications** UL, cUL, CE, EAC, EMC, LVD



Item No SE: 3 804 0044

# COB 250 RBC 240W

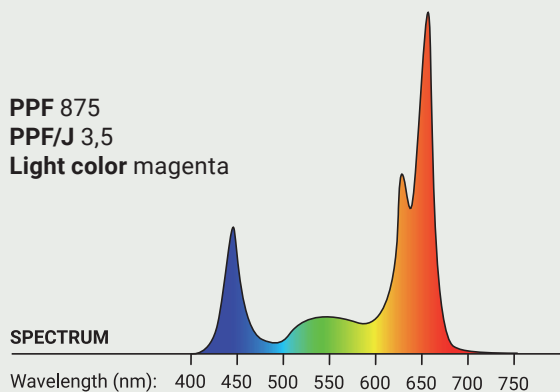


EAN 7350067690670

## PLANT LUMINAIRE FOR LARGER CULTIVATION AREAS (WARM RED LIGHT)

The emitted light is warm red with emphasis on blue and red for extra growth potential. Used for cultivation of plants, light supplement during the dark seasons, flowering control, or indoor gardening where there is no additional sunlight.

PPF 875  
PPF/J 3,5  
Light color magenta



Item No SE: 3 804 0046

# COB 250 RBW 240W

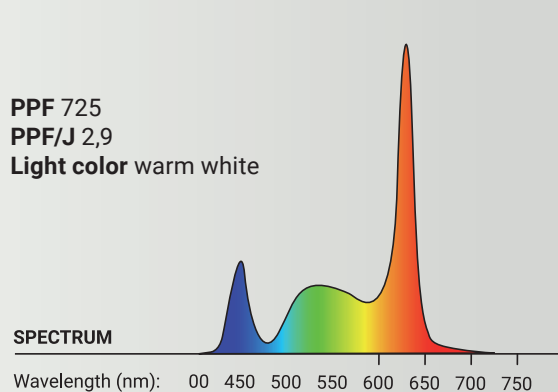


EAN 7350067690632

## PLANT LUMINAIRE FOR LARGER CULTIVATION AREAS (WHITE LIGHT)

Used for cultivation of plants, light supplement during the dark seasons or indoor gardening where there is no additional sunlight. Thanks to the warm white light, it fits in particularly well in cultivation areas where you spend a lot of time, such as orangeries.

PPF 725  
PPF/J 2,9  
Light color warm white



#23 TROLLEY KIT

# TROLLEY KIT





# TROLLEY KIT

**Power** 100W  
**PPFD** 300  $\mu\text{mol}$  at 200mm  
**PPF** 270  
**PPF/J** 2,7  
**Light color** 3700 K  
**Light angle** 120°  
**Weight** 2,3 kg  
**Dimensions**  
1205mm (L) x 48 mm (W) x 20 mm (H)  
**Growth area** 0,66 m<sup>2</sup>  
**Lifetime** > 50 000 hours  
**Warranty** 2 years  
**IP class** 67  
**Certifications** CE

## INDOOR PLANTS

Item No SE: 3 804 0058



EAN 7350067690748



## PLANT LIGHT FOR MOUNTING ON DANISH TROLLEYS

Plant light with full spectrum light. Specially designed LED chip wavelengths which stimulate photosynthesis and chlorophyll formation. Used for cultivation of plants or indoor gardening where there is no additional sunlight. The luminaires are made to fit the standard "Danish trolley", but it can also be fitted under any suitable shelf with the supplied suspension clips.



# **DRIVER**

## **DRIVER FOR 8 PFL-S**

### **(4 PKG 3 804 0058)**

**Power** 320W  
**Weight** 3 kg  
**Dimensions**  
351mm (L) x 154 mm (W) x 77 mm (H)  
**Growth area** 0,66 m<sup>2</sup>  
**Lifetime** > 50 000 hours  
**Warranty** 2 years  
**IP class** 20  
**Certifications** CE



#### **INDOOR PLANTS**

Item No SE: 3 804 0066



EAN 7350067690762

#### **DRIVER FOR TROLLEY KIT 320W**

Used for a system with 8pcs of PFL-s trolley kit lights.

# **DRIVER**

## **DRIVER FOR 2 PFL-S**

### **(1 PKG 3 804 0058)**

**Power** 100W  
**Weight** 1,9 kg  
**Dimensions**  
351mm (L) x 154 mm (W) x 77 mm (H)  
**Growth area** 0,66 m<sup>2</sup>  
**Lifetime** > 50 000 hours  
**Warranty** 2 years  
**IP class** 20  
**Certifications** CE



#### **INDOOR PLANTS**

Item No SE: 3 804 0068



EAN 7350067690755

#### **DRIVER FOR TROLLEY KIT 100W**

Used for a system with 2pcs of PFL-s trolley kit lights.  
It comes with a suspension cord for easy mounting. The luminaire connects to a grounded outlet.



# GOOD TO KNOW

As a manufacturer of high-quality LED grow lights, our goal is to provide you with the best possible support in selecting the right lighting for your plants. In the world of LED grow lights, there are many technical details and metrics to consider to ensure your plants receive the optimal amount and quality of light for their growth.

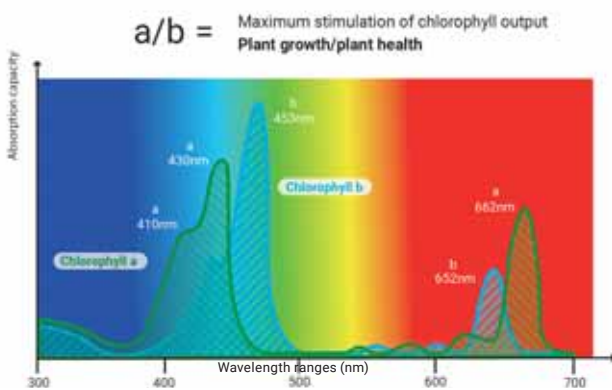
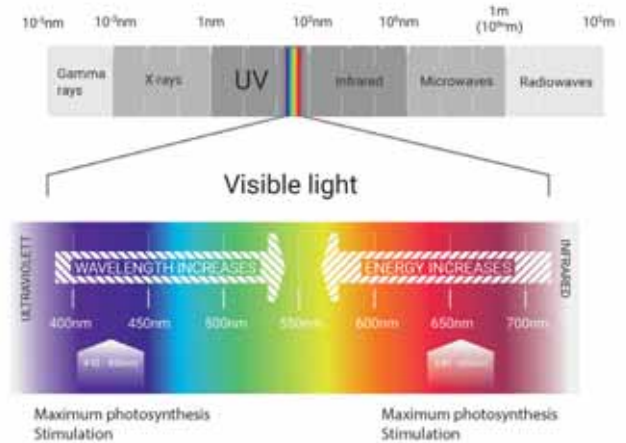


#25 GOOD TO KNOW

**USEFUL INFO,  
KEY METRICS &  
BACKGROUND  
KNOWLEDGE  
ABOUT LED  
GROW LIGHTS**

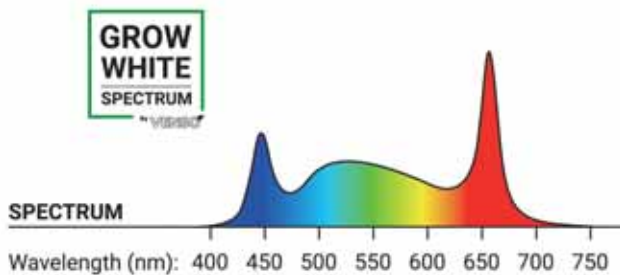
# Visible light spectrum

Contrary to many preconceptions, LED plant lamps are not UV lamps. All Venso LEDs work exclusively with wavelengths of visible light and therefore do not contain UV and infrared radiation. Therefore, all our LEDs are also all classified in laser protection class 1 and thus harmless to humans and animals. The graphic below shows the wavelength ranges of light visible to humans:



## Absorption spectra of chlorophyll

Two different types of chlorophyll are present in a plant (a+b). The output of both chlorophyll types is particularly stimulated at wavelengths between 410-450nm (blue) and 640-660nm (red). This results in a particularly high photosynthetic activity. The ideal plant lamp spectrum can also be derived from this.



## Our GrowWhite spectrum

The spectrum derived from the above knowledge would have a reddish/pink glow (often familiar from previous generations of plant lamps). To produce an ideal spectrum for residential use, we also add yellow and green wavelength ranges. This mixture creates a pleasant neutral white light with high color rendering.

## Color rendering index/ CRI index

An important key figure for evaluating LED plant lamps is the color rendering index (CRI). Conventional plant lamps with a reddish glow have very poor color rendering and are not particularly suitable for illuminating indoor greenery. Our special GrowWhite spectrum has a particularly high CRI and, in addition to vital plant growth, also ensures excellent color rendering of the greenery. All plant lamps presented here range in output light colors from 4000 to 5000 Kelvin.

CRI-VALUE  
**HIGH**



CRI-VALUE  
**LOW**

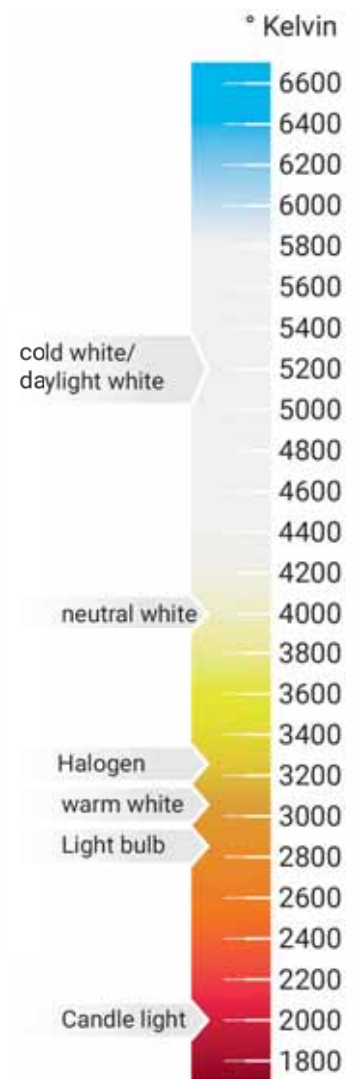
## Lux & Lumen

Lux and lumens are very widely used values to describe the brightness of lamps. However, they are not suitable for evaluating plant lamps. Lux and lumens measure the brightness of the entire spectrum, especially the white luminous green and yellow wavelengths, but these do not contribute to plant growth.

Thus, lux and lumens say nothing about how well the plant can use the wavelengths. What is important, however, is a measurement value that preferably measures the red and blue wavelengths: the so-called photon flux density.



**PPF!**  
**PPFD!**



## Photon flux density

Photon flux density (PPFD) measures the number of photons per square meter and second that are usable for plant photosynthesis - thus especially the blue and red wavelength ranges between 410-450nm and 640-660nm. Here, the absorption spectra of chlorophyll are stimulated in the best possible way.

The PPFD value is given in the unit micromole per second and square meter ( $\mu\text{mol/s/m}^2$ ). To keep indoor greenery vital and healthy, at least  $30 \mu\text{mol/s/m}^2$  should arrive on the plant.



GERMANY

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Venso Germany



Venso Germany