

PRODUCT DATASHEET

Indoor Garden Kit 450mm

Indoor Garden KIT 450 WT | LED Grow Light with two cultivation boxes



Areas of application

- Indoor Gardening
- Kitchens
- Living areas

Product benefits

- Specially developed LED spectrum promotes photosynthesis in most plants
- Imitates day/night cycle by automatic timer operation

Product features

- Uses a combination of white full-spectrum LEDs and red LEDs
- Height of lamp head adjustable according to height of the plant



TECHNICAL DATA

Electrical data

Nominal wattage	20.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	180.000 mA
Inrush current	19.7 A
Max. number of luminaires per miniature circuit breaker B16	6
Max. number of luminaires per miniature circuit breaker C10	7
Max. number of luminaires per miniature circuit breaker C16	11
Power factor λ	0.50
Protection class	II
Operating mode	Mains voltage

Photometrical data

Luminous flux	1350 lm
Luminous efficacy	67 lm/W
Color temperature	3550 K
Light color (designation)	Neutral White
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdc _m
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	110 °

Dimensions & Weight

Length	189.00 mm
Width	453.00 mm
Height	476.00 mm
Product weight	2200.00 g

INDOOR GARDEN KIT 450 WT

Materials & Colors

Product color	White
Housing color	White
Body material	Plastic stainless steel
Cover material	Polycarbonate (PC)
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-20...+70 °C
Type of connection	Plug type C (EU)
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Standing
Mounting location	All surfaces
Application environment	Indoor
Adjustable	Yes
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	25000 h ¹⁾
Number of switching cycles	15000

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Emergency lighting

Luminous flux in maintained operation mode	-
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Certificates & Standards

Standards	CE
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EQUIPMENT / ACCESSORIES

– Including cultivation boxes with water level indication

DOWNLOAD DATA

Documents and certificates	Document name
 User Instruction	INDOOR GARDEN KIT
 Declarations of conformity	EC_Indoor Garden KIT 450 WT

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075576131	Folding box 1	197 mm x 487 mm x 142 mm	2471.00 g	13.62 dm ³
4058075576148	Shipping box 4	508 mm x 418 mm x 331 mm	10917.00 g	70.29 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.