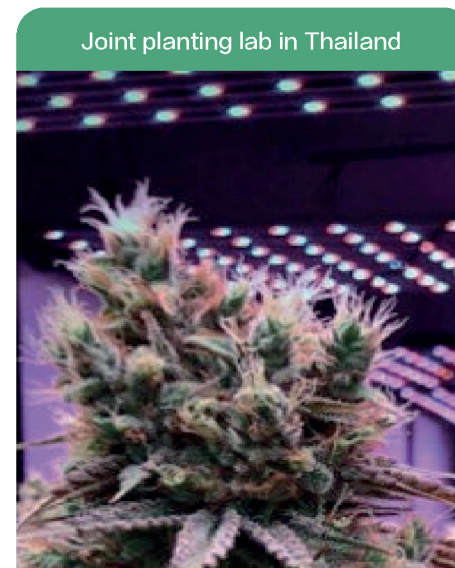
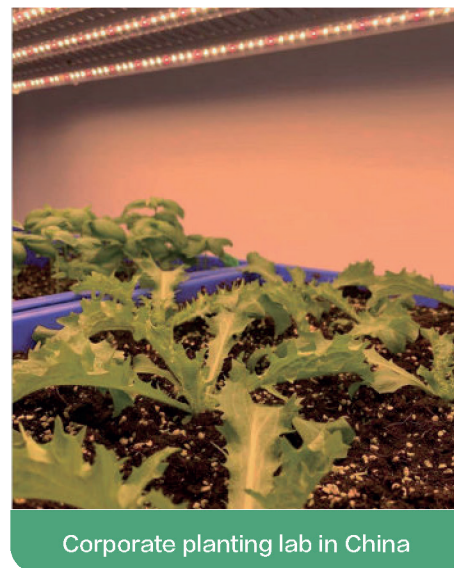




LIGHT
YOUR
LIFE

Product Catalog

Focus on Intelligent + LED Grow Light Tech.

Service Center

Phone:

012 288 9644
050 530 9783
0555 299 690

Mail:

AH.BAKRI@ILF.COM.SA
SALES@ILF.COM.SA

Address:

Jeddah 3rd Industrial city, Saudi Arabia

www.ilf.com.sa





We pay more attention to reliability than clients
In order to increase plant production, our efforts
are not restricted to theories

Verification method of efficiency

- **Theory Evaluation**
For the plant varieties and growth stage, the required light formula, supplemental lamp power, QE and light distribution are evaluated and calculated theoretically.
- **Simulation Test**
PPF, PPFD and uniformity were tested in the simulation test.
- **Laboratory Data**
Based on the cultivation data of the self-owned planting laboratories and the third-party cooperation laboratories, the light formula was optimized.
- **Forefront cultivation effects (practical engineering case)**
Based on the actual cultivation effect of clients of the terminal, the light formula was optimized.

Verification method of reliability

- **Design method of reliability**
Component selection, aging, screening and testing, thermal design, EMC design, product compliance design, circuit design, etc.
- **Reliability Test**
Environment adaptability test, EMC test, appearance test, life test, software test, etc.
- **Strict quality control and management**
Quality management system, staff training, equipment maintenance, etc.

CONTENT

Runway Series	01-03
Cloud Series	04-06
Ginkgo Series	07-08
Lily of the valley Series	09
Peach Series	10
Leaf Series	11-12
Round Tube Clip/Tripod Grow Light	13-14
Rectangle Clip Grow Light	15-16
Bulb Series	17-18
DIY Panel Series	19-20
Rigid Light Bar Series	21-22
LED Grow Strips	23-24

Runway Series

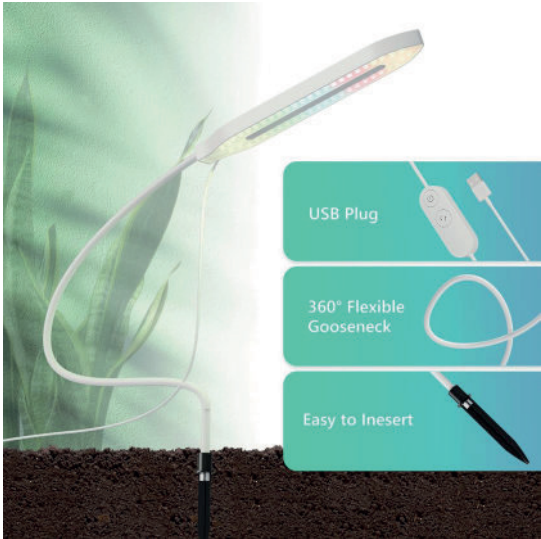
Features

- Unique appearance design, excellent heat dissipation. Very suitable for home and indoor use, perfect match with home decoration
- 360° rotation and detachable · Manual and mobile phone App control
- 10 level brightness, 24 hour timer, 2 lighting modes optional (sunlight mode and growth mode)

Parameters

Model No.	Power	Input Voltage	Led Qty.	Control	Warranty
A-TS1-5W-W	5W	DC5V	18pcs	Button&APP	3 Years

Note: White and green are available, other colors can be customized.



Runway Series

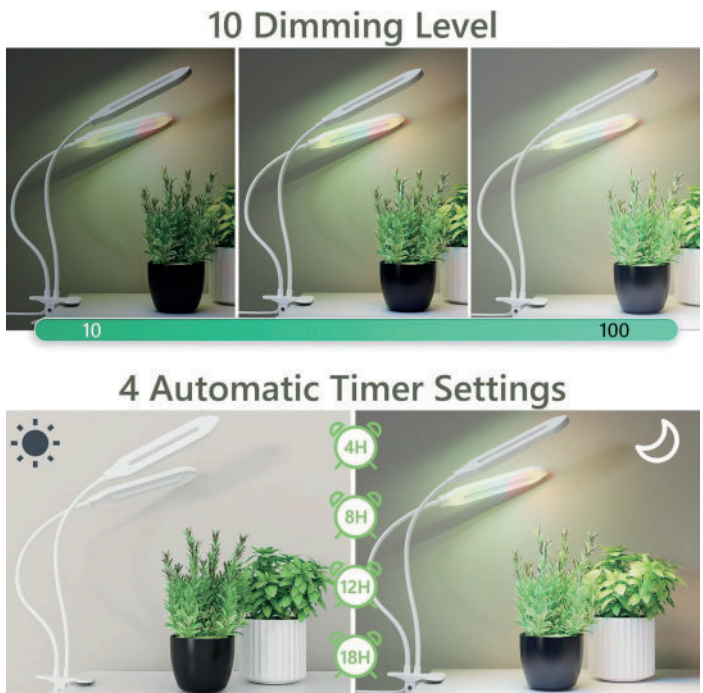
Features

- Unique snake plants design dual head snake plants design with 60 LED chips , and excellent heat dissipation. Ideal for home and indoor use, perfectly fits in with home decor
- 360° spin height adjustable up to 23 inch, help plants absorbing sunlight mode better
- Multiple functions remote attached to the power cord, it is very convenient to operate the on/off, switched between growth and sunlight mode, Brightness and Timer
- Sturdy clip base the non-slip mat design allows the light can be fixed in dark rooms, plant stands, office desks, and more

Parameters

Model No.	Power	Input Voltage	Led Qty.	Control	Warranty
A-TL2-16W-W	16W	DC12V	60	Button	3 Years

Note: White and green are available, other colors can be customized.



Runway Series

Features

- Features a sturdy tripod to keep the grow light stable and wobble-free easily adjusts from 8" to 59"
- 360-degree flexible gooseneck
- The 4-head design allows for a wider coverage of houseplants than the original allowing each plant to receive the full light it needs to survive
- The indoor plant light can provide full-spectrum red and blue light illumination, which can effectively improve the growth speed and quality of seedling

Parameters

Model No.	Power	Input Voltage	Led Qty.	Control	Warranty
AT-TL4-28W-G	28W	DC12V	112	Button	3 Years
AT-TS4-28W-G	28W	DC12V	112	Button&APP	3Years

Note: White and green are available, other colors can be customized.



Cloud Series

Features

- Unique cloud design, more unique artistic atmosphere
- Full spectrum, growth mode accelerates photosynthesis and nutrient synthesis, allowing foliage plants to thrive and maintain the ornamental value of plants.
- Smart Bluetooth remote control (maximum distance 49")
- 10 level brightness, 24 hour timer, 2 lighting modes (sunlight mode and growth mode)

Parameters

Model No.	Power	Input Voltage	Led Qty.	Control	Warranty
A-CS1-5W-W	5W	DC5V	24	Button&APP	3 Years

Note: White and green are available, other colors can be customized.



Cloud Series

Features

- Unique cloud design, more unique artistic atmosphere
- 360-degree flexible gooseneck
- 10 level brightness, 24 hour timer, 2 lighting modes optional (sunlight mode and growth mode)

Parameters

Model No.	Power	Input Voltage	Led Qty.	Control	Warranty
A-CL1-5W-W	5W	DC12V	24	Button&APP	3 Years

Note: White and green are available, other colors can be customized.



Cloud Series

Features

- Unique cloud design, more unique artistic atmosphere
- 10-level dimming and 4-level timing function: adapt to different plant growth stages, effectively supplement the lack of sunlight, and promote the growth of sexual or flowering periods.
- Support timer function, you can choose 4/8/12/18 hours setting, automatic on and off
- Wide Lighting Area: The indoor 2-head grow light for indoor plants is 360° rotatable, which can be manually adjusted to expand the lighting range, and easily adjust the angle distance between the light and the plants as needed
- The anti-skid pad design allows the lamp to be fixed in dark rooms, plant stands, desks, etc

Parameters

Model No.	Power	Input Voltage	Led Qty.	Control	Warranty
A-CL2-16W-W	16W	DC5V	48	Button	3 Years

Note: White and green are available, other colors can be customized.





Easy Control of Multiple Functions

- ± Brightness Adjustment
10-100
- ⚙ Switch Mode
Sunlight Mode and Growth Mode
- 🕒 Timer: 4H 8H 12H 18H
Auto turn on and off cycle timing function
- 🔌 Power Button
Turn ON / Turn OFF



Ginkgo Series

Features

- Detachable base design help you to easily place the lamp in any position you want.Protect your plant's rhizomes from damage
- 10 level brightness, 24 hour timer, 2 lighting modes optional (sunlight mode and growth mode)

Parameters

Model No.	Power	Input Voltage	Led Qty.	Control
A-BS1B-5W-W	5W	DC5V	17	Button & APP

Note: White and green are available, other colors can be customized.



Ginkgo Series

Features

- Unique appearance design, excellent heat dissipation. Very suitable for home and indoor use, perfect match with home decoration
- 360° rotation and detachable
- Manual control
- 10 level brightness, 24 hour timer, 2 lighting modes optional (sunlight mode and growth mode)

Parameters

Model No.	Power	Input Voltage	Led Qty.	Control
A-BS1-5W-W	5W	DC5V	17	Button & APP

Note: White and green are available, other colors can be customized.



Lily of the Valley Series

Features

- Unique appearance design, excellent heat dissipation. Very suitable for home and indoor use, perfect match with home decoration
- 360° rotation and detachable
- Manual control and Bluetooth control (optional)
- 10 level brightness, 24 hour timer, 2 lighting modes optional (sunlight mode and growth mode)

Parameters

Model No.	Power	Input Voltage	Led Qty.	Control	Warranty
A-LL1-5W-W	5W	DC5V	17	Button	3 Yeas
A-LS1-5W-W	5W	DC5V	17	Button+APP	3 Years

Note: White and green are available, other colors can be customized.



Peach Series

Features

- This succulent plant lamp is specially designed for succulents and green plants, with a customized spectrum that includes a UV lamp to meet the growth needs of your succulents
- Height Adjustable & Detachable: Depending on your needs, the plant light can be easily adjusted to the right angle and height(21cm-60cm) to provide the best light effect
- Manual control and Bluetooth control (optional)

Parameters

Model No.	Power	Input Voltage	Led Qty.	Control	Warranty
A-PL1-5W-G	5W	DC5V	20	Button	3 Years
A-PS1-5W-G	5W	DC5V	20	Button+APP	3 Years

Note: White and green are available, other colors can be customized.



Leaf Series

Features

- Unique appearance design, excellent heat dissipation. Very suitable for home and indoor use, perfect match with home decoration
- Height Adjustable & Detachable: Depending on your needs, the plant light can be easily adjusted to the right angle and height(21cm-60cm) to provide the best light effect
- Manual control and Bluetooth control (optional)

Parameters

Model No.	Power	Input Voltage	Led Qty.	Control	Warranty
A-LL1-5W-G	5W	DC5V	17	Button	3 Years
A-LS1-5W-G	5W	DC5V	17	Button+APP	3 Years

Note: White and green are available, other colors can be customized.



Leaf Series

Features

- Unique appearance design, excellent heat dissipation. Very suitable for home and indoor use, perfect match with home decoration
- 360° rotation and detachable
- Manual control and Bluetooth control (optional)

Parameters

Model No.	Power	Input Voltage	Led Qty.	Control	Warranty
A-LL2-5W-G	5W	DC5V	17	Button	3 Years
A-LS2-5W-G	5W	DC5V	17	Button+APP	3 Years

Note: White and green are available, other colors can be customized.



Round Tube Clip Grow Light

Features

- Automatic on/off
- 360 ° rotatable gooseneck
- 8/12/16 hour automatic timing
- 10 level dimming control, 3 lighting modes
- Two control methods are available: wire control and remote control

Parameters

Model No.	Power	Input Voltage	Led Qty.	Control	Warranty
F01-2B	12W	100-240VAC	W+R/R+B	Button+Remote	3 Years

Note: White and green are available, other colors can be customized.



Max.5.9cm
最大5.9cm



360°



Round Tube Tripod Grow Light

Features

- Automatic on/off
- 360 ° rotatable gooseneck
- 8/12/16 hour automatic timing
- 10 level dimming control, 3 lighting modes
- Two control methods are available: wire control and remote control

Parameters

Model No.	Power	Input Voltage	Led Qty.	Control	Warranty
F02-4B	24W	100-240VAC	W+R/R+B	Button+Remote	3 Years

Note: White and green are available, other colors can be customized.



24W



Rectangle Clip Grow Light

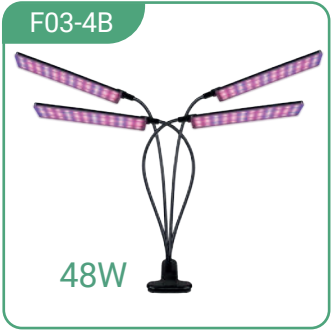
Features

- Automatic switch
- 360 ° rotatable grooseneck
- 8/12/16 hour automatic timing
- 4-level dimming control, 3 lighting modes
- wire control, remote control with 2 optional control methods

Parameters

Model No.	Power	Input Voltage	Led Qty.	Control	Warranty
F03-2B	24W	100-240VAC	W+R/R+B	Button+Remote	3 Years

Note: White and green are available, other colors can be customized.



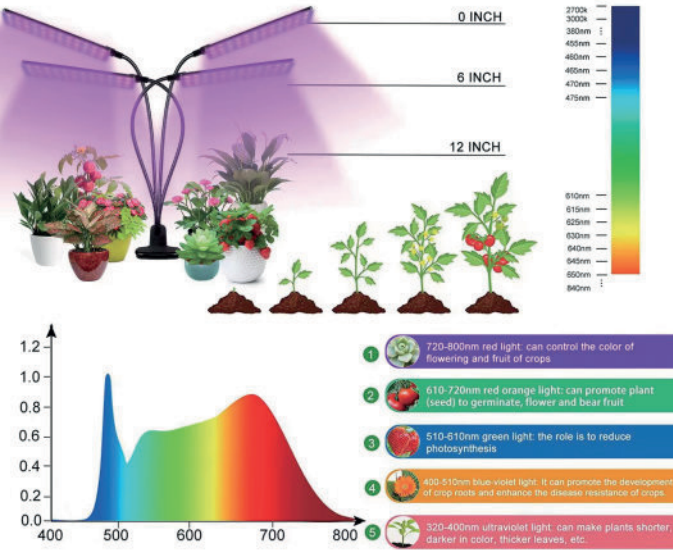
Max.5.9cm
最大5.9cm

360°

3 Spectrum Modes



10 Levels of Brightness



Rectangle Clip Grow Light

Features

- Automatic switch
- 360 ° rotatable grooseneck
- 8/12/16 hour automatic timing
- 4-speed dimming control, 3 lighting modes
- wire control, remote control with 2 optional control methods

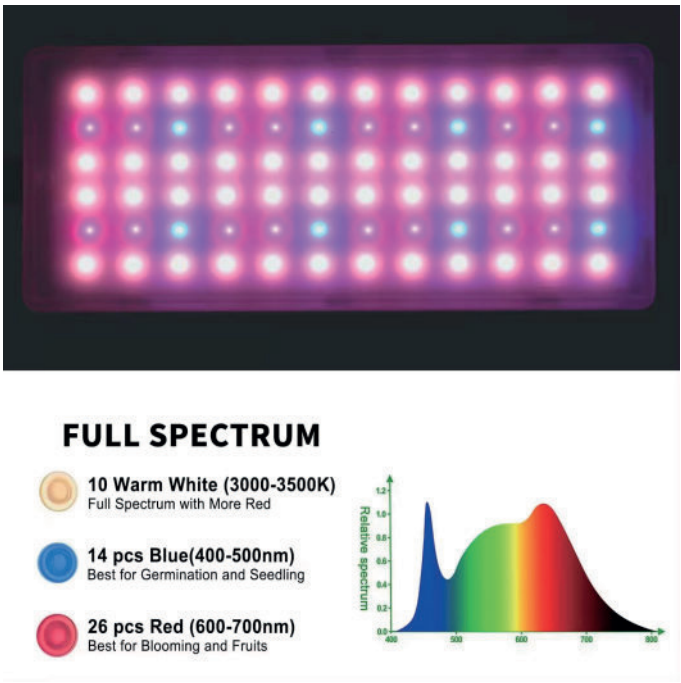
Parameters

Model No.	Power	Input Voltage	Color	Control	Warranty
F04-4B	48W	100-240VAC	W+R/R+B	Button+Remote	3 Years

Note: White and green are available, other colors can be customized.



48W



3 Color Bulb Series

Features

- Three adjustable colors to suit different plant growth needs
- The switch can be customized to different colors
- Excellent energy efficiency and cost savings: This LED bulb consumes only 9 watts of power while providing the same light effect as a 100-watt traditional bulb

Parameters

Power	Voltage	Frequency	Color	Efficacy	Ra	Lifetime	Warranty
9W	AC220-240V	50/60Hz	5000K/ 5000K+660nm(1:1)	90 LM/W	95	15000Hrs	3 Years



Monochrome UFO Series

Features

- Red and blue emission spectrum that has a beneficial effect on the health and growth rate of seedlings
- Helps strengthen sprouts
- The shape of the lamp is round and the light output covers a wide range

Parameters

Power	Voltage	Frequency	Size	Efficacy	Led Qty.	Beam angle	Warranty
16W	AC170-265V	50/60Hz	Φ15*7.8cm	0.55-0.6	90	120°	2 Years



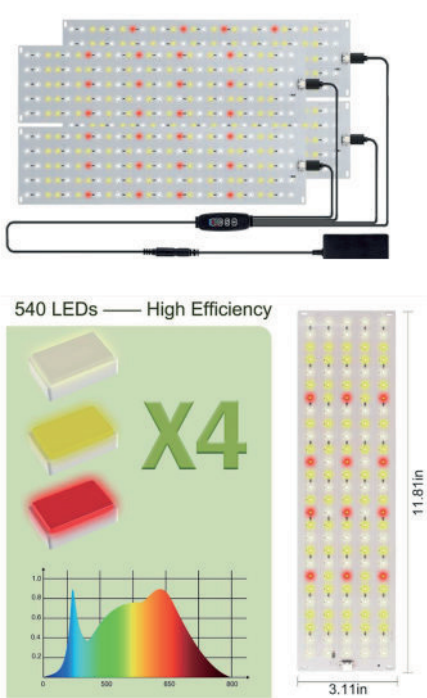
DIY Panel Series

Features

- 9 levels of brightness adjustment, from 10%–100%
- 3 switching modes suitable for different growth stages of plants
- Timing function 6–9–12 automatic timing

Parameters

Power	Voltage	Color Temperature	Material	Lifetime	IP Rating	Warranty
36W	AC100–240V	Pink+3000K+6500K	Aluminum Alloy	15000Hrs	IP20	3 Years



Low Voltage Rigid Light Bar Series

Features

- Red and blue spectrum design. Promote photosynthesis for plant growth, germination, flowering and fruiting
- Timing function, can be set to 6–9–12H
- Two installation methods: screws or cable ties
- 3 lighting modes and 10–level dimmer
- Suitable for a variety of scenes and indoor plants

Parameters

Power	Voltage	Frequency	Dimensions	Power Factor	Beam angle	Lifetime	Warranty
24W	AC85–265V	50/60Hz	38*14cm	0.9	120°	15000Hrs	3 Years



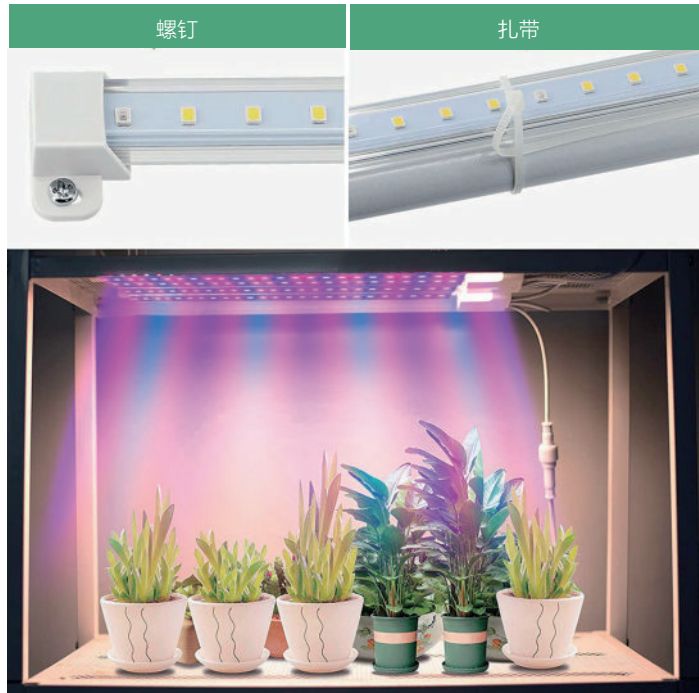
High Voltage Rigid Light Bar Series

Features

- Widely used plant lights: suitable for indoor plants, vegetable cultivation, and various flowers grown in home or office hydroponic greenhouses
- Low heat generation: LED has low energy consumption and long service life
- Two installation methods: screws or cable ties

Parameters

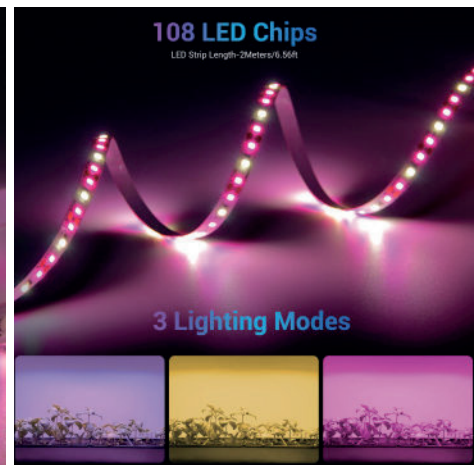
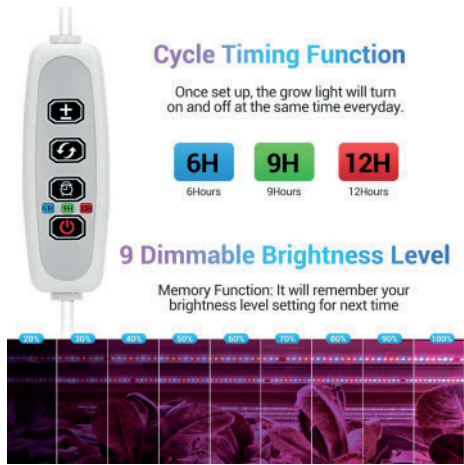
Power	Voltage	Frequency	Dimensions	Power Factor	Beam angle	Lifetime	Warranty
24W	AC100–240V	50/60Hz	38*14cm	0.9	120°	15000Hrs	3 Years



LED Grow Strips

Features

- Automatic on/off
- 6, 9, 12 hours autocycle timer function
- A variety of customized spectrums
- 3 lighting modes
- Low consumption, saving energy and power



Parameters

Model No.	FS-18W-01	FS-24W-02	FS-36W-01	FS-48W-02	FS-54W-01	FS-72W-02
Input Power	18W	24W	36W	48W	54W	72W
Picture						
Input Voltage	100-240VAC	100-240VAC	100-240VAC	100-240VAC	100-240VAC	100-240VAC
Adapter	DC12V,1.5A	DC12V,2A	DC12V,3A	DC12V,4A	DC12V,5A	DC24V,3A
Input Frequency	50-60Hz					
Power Factor	>0.9 / >0.5					
IP Rating	IP20 / IP65					
Size	2000*8mm(1roll)	2000*8mm(1roll)	2000*8mm(2roll)	2000*8mm(2roll)	2000*8mm(3roll)	2000*8mm(3roll)
Light Distribution	115°					
Warranty y y	3 years warranty					
Spectrum	Optional					

User's Guide

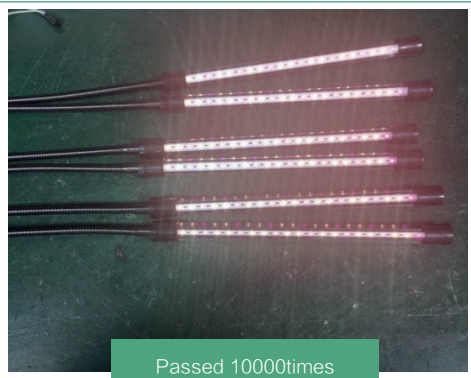
Germination	Vegetative growth	Flowering and fruiting
Photoperiod : 16H-ON/ 8H-OFF	Photoperiod : 16H-ON/ 8H-OFF	Photoperiod : 12H-ON/ 12H-OFF
		
Note: a. Photoperiod =Artificial light + Sun light b. The Plant Growth will be also effected by the environmental factors,such as moisture,temperature,nutrient etc. c. Coverage area/6W=15cm*15cm		

The Installation Height above the Plants

Recommended height:10-15cm



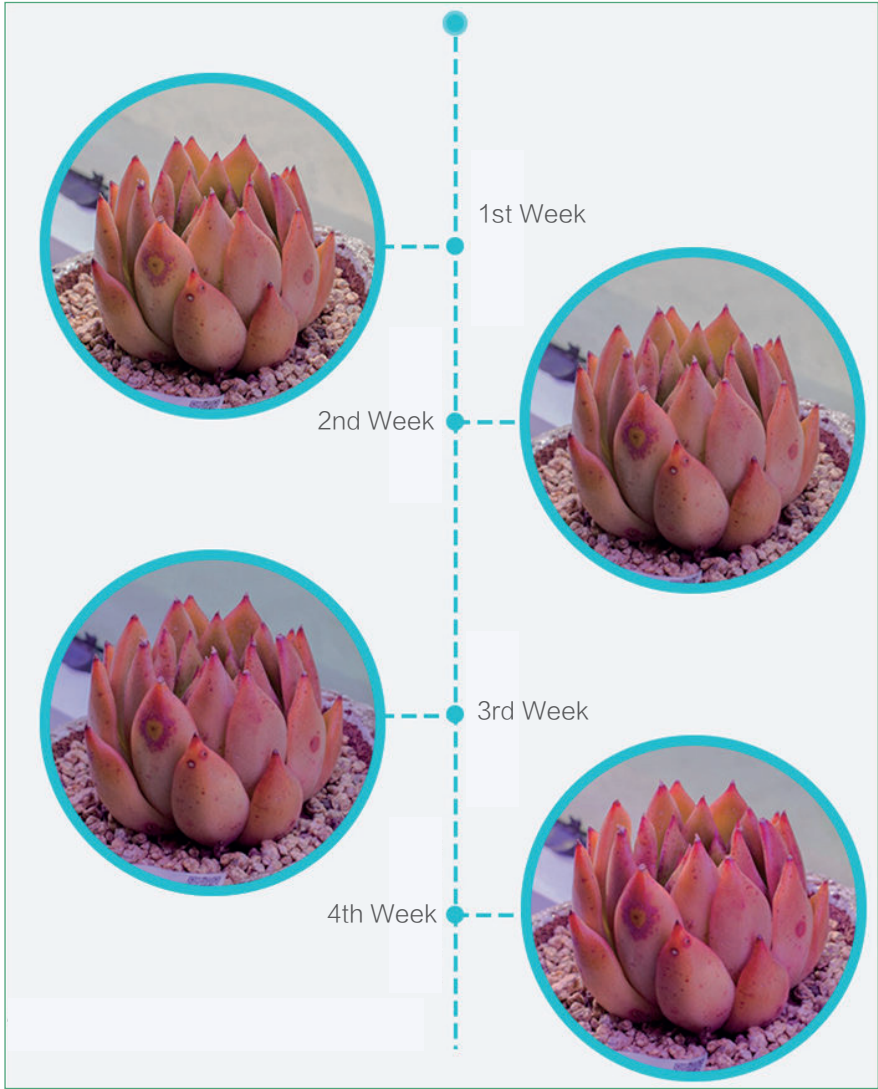
Product reliability testing



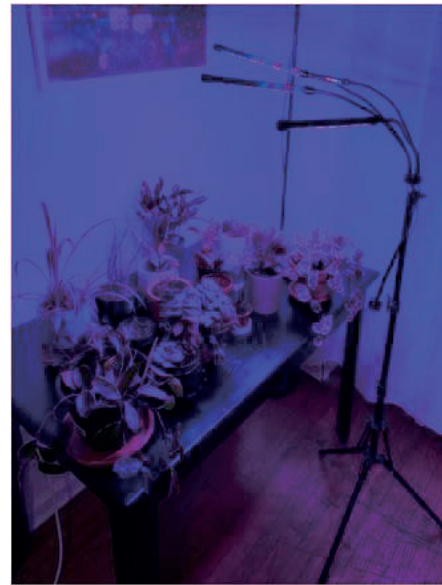
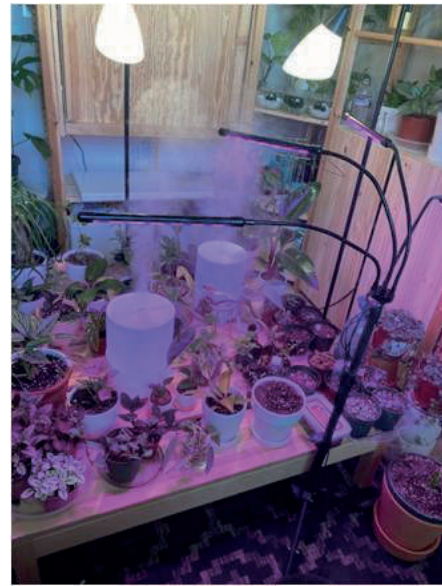
Packaging



Actual effect



Application



Retail terminal display

