BBIER®
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Project Name_____
Product Code_____
SKU No. _____
Memo._____
Data _____

LED PLANT GROWTH LIGHT

LIMITED WARRANTY **5** YEAR · CE COMPLIANCE · RoHS COMPLIANCE · WET LOCATION · MOTION SENSOR · SAA APPROVALS® · ISO 9001 QUALITY ASSURED FIRM SGS
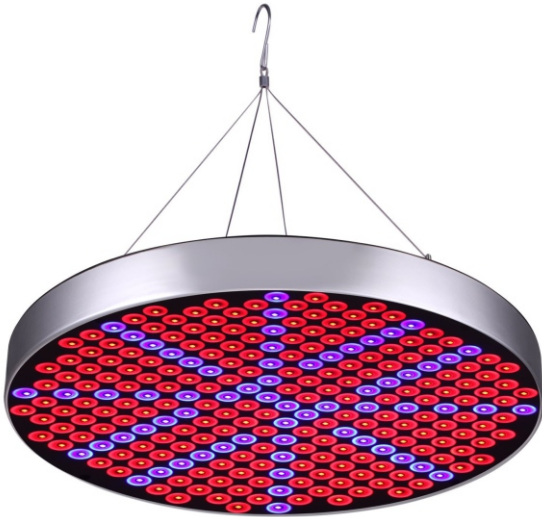
Power Cord with Switch

Easy Installation

BB-GKD-50W-G9

PRODUCT DESCRIPTION

The Plant growth light series has the high-performance solution for the most demanding applications within a unique design. It can be used in many applications such as greenhouse,farm,anywhere planting Flowers,Succulents,Fruits.

FEATURE

1.High efficiency white light Quantum Boards used top Epistar smd led.
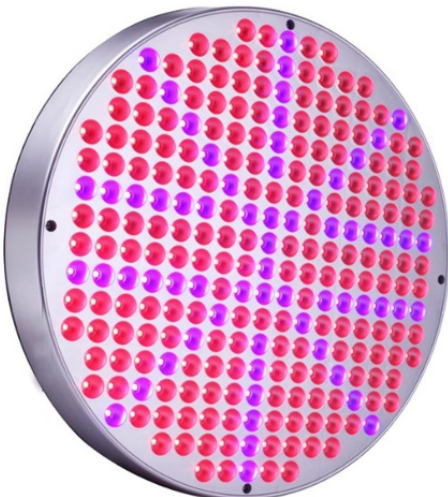3.White Light Full Spectrum for better results.
4.Hanging Mounting.

PERFORMANCE DATA

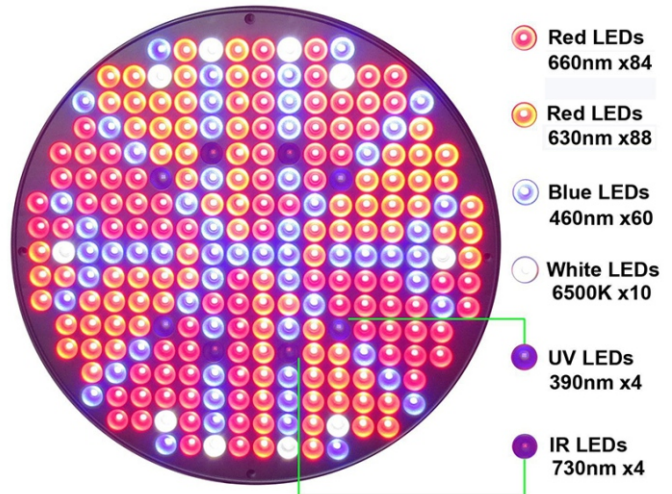|	
Power	50W
Model	BB-GKD-50W-G9
Replacement	HPS 150W
Dimensions	330*330*30mm(12.99*12.99*1.88in)
System Efficiency	90lm/w
Spectrum	Full spectrum.Default: Red(650nn-660nm) + Blue(460nm-470nm); Optional: Red(650nn-660nm) + Blue(460nm-470nm) + White(6500k) + UV(395-400nm) + IR(725-735nm) + Orange(620-630nm)
Mounting	Hanging Mounting
Light Source	2835 SMD LED
Operation Temp.	-40 to +45℃
Life Span	50,000 hours at 25℃
Voltage	85-265VAC,50-60Hz
Hang Height	0.5 m~2m
Irradiation Area	2 Square meter
Beam Angle	120°
Material	ABS plastic+PC
Color	Silver
IP	40
PF	>0.95
Warranty	2Years

PROJECTS

Full Spectrum LED Grow Light 2-bands

● Red LEDs 660nm   ● Blue LEDs 460nm

Default

Full Spectrum LED Grow Light 6-bands

● Red LEDs 660nm x84

● Red LEDs 630nm x88

● Blue LEDs 460nm x60

○ White LEDs 6500K x10

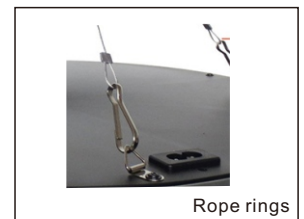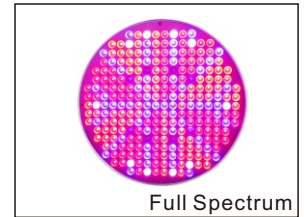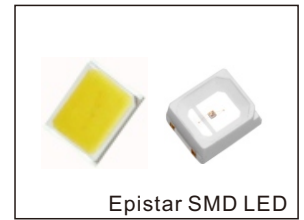● UV LEDs 390nm x4

● IR LEDs 730nm x4

Note: UV & IR LEDs look dim. Don't worry about it.

Optional

DETAILS

1. Top unique design 3.0/W conductivity, 2OZ copper thickness.

2. White Light Full Spectrum for better results.

3. Safe and reliable, long life.

4. 60 degree condenser cup, suite surface with high temperature
   and spraying silver oil;

5. Green, energy saving, long and reliable life of 50,000 hours.

6. No RF interference, No IR/UV radiation ,no mercury pollution.

7. Shell back used 2.5mm paper plate, surface spraying black
   waterproof oil paint with high temperature resistant.

8. Small, Exquisite, Light, easy to transport, install. Safe,
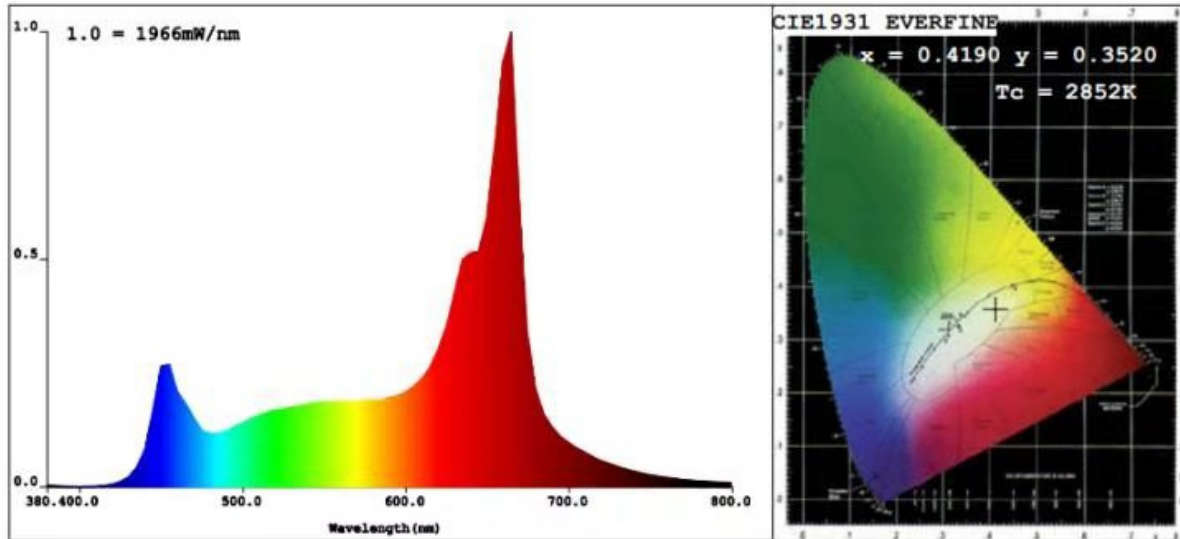   Environmental, not include pollution and harmful substances.

Epistar SMD LED

Full Spectrum

Rope rings

APPLICATION

- Greenhouse
- Farm
- Container Farm
- Hydroponic Growing
- Vertical Farm
- Mini Garden

1 - 3 ft

Coverage
4x4 ft

WAVELENGTH-SPECTRUM

CIE Color Parameters:

Chromaticity Coordinate:x=0.4190 y=0.3520/u'=0.2624 v'=0.4961(duv=-1.99e-02)

CCT:Tc= 2852K   Prcp WaveL: d=595.7nm Purity=31.4%

Peak WaveL: λp=665nm   Half Width: Δλ=37.0nm Ratio:R=29.4% G=66.1% B=4.5%

Average Wave: 630nm   CLASS: OUT

Rendering Index:Ra=71.5   Ra'=64.2

R1 =66   R2 =79   R3 =96   R4 =69   R5 =64   R6 =74   R7 =84   R8 =42

PACKING INFO

Inner Box

Outer Carton

Model	Packaging	Carton Size(mm) (L*W*H)	N.W	G.W	Volume weight
50W	1pc/box	380*340*45mm	1.0kg	1.5kg	2.0kg
	10pcs/CTN	450*390*360mm	10.5kg	11.5kg	15.0kg