光盉 GUANG HE

Greenhouse 50W Grow Light



MODLE: GHGKSZ50

The lamp body is made of high quality aviation aluminum, which is stable and safe.The product has the advantages of long life, low light decay, no radiation, low energy consumption and so on, and can replace high pressure sodium lamp.Easy to install, safer to use, waterproof grade up to IP65.It can be widely used in agricultural production to improve the income of farmers.

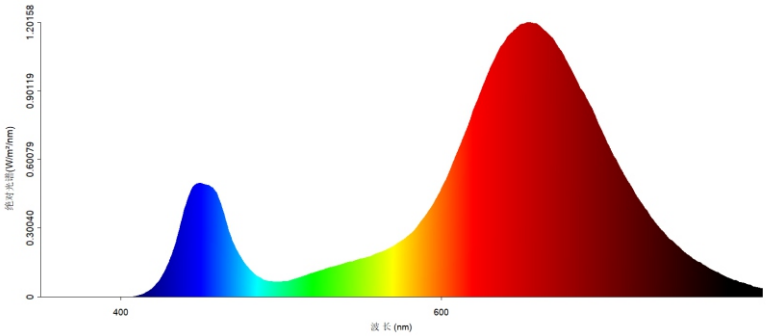
Main feature

- Phosphor technology adjusts the spectrum to meet the needs of crops in different growth stages.
- Safety, high waterproof performance, easy installation, remarkable heat dissipation effect, strong durability.
- Can be customized according to customer planting crops needs.

Application area

- High-end gardening
- laboratory
- High-end greenhouse
- Winter warm greenhouse
- Glass greenhouse

Absolute spectral curve



Applicable crops

- Cherry planting
- Grapes grow
- Pitaya cultivation
- High-end fruit crop
- All kinds of vegetables
- Hemp Plantation

Plant lamp parameter

Power	Lamp bead amount	Irradiated area	Weight	Size	Color
50W	75PCS	16-20㎡	0.63Kg	22*36cm	Red

Greenhouses
50W Grow Light

www.7-colorful.com

Technical specification

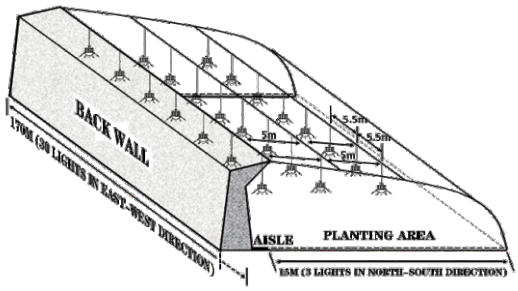
Input voltage	85-265V
Working current	1200mA
Lamp bead types	3030
The chip brand	Taiwan wafer
Red & blue proportion	4-7:1
Peak wavelength	Blue:440-470,Red:630-670
Shell material	Aluminum
Installation height	2-2.5 meter/6.56-8.20 ft
Power factor	0.9
Working frequency	50-60hz
Wire	Gold wire
Color temperature	1700K
Light Angle	120°
Work environment	-20°C~60°C

Standard configuration

- **Plant lamp body**
- **Hoisting snap ring**

We can provide customized products according to customer requirements

Installation diagram



Test parameter:

R15= 70
E= 3862.6 lx

CIE x= 0.4307
CIE y= 0.2617
CIE u'=0.3264
CIE v'=0.4461
Tc=1790 K
Lp=653.0 nm
HW=106.8 nm
Ld=700.0 nm
Lc=---
Pur=29.7 %
Ratio_R=44.6 %
Ratio_G=52.4 %
Ratio_B=3.0 %

S/P=1.32
Ra=74.6
R1= 78
R2= 69
R3= 74
R4= 91
R5= 71
R6= 48
R7= 73
R8= 92
R9= 65
R10= 40
R11= 86
R12=-15
R13= 70
R14= 89

SDCM= 0.3()
White Class:OUT

E1(400-700nm)=23.098 W/m²
E2(380-780nm)=27.254 W/m²
Ech-A=6.1393 W/m²
Ech-B=4.9006 W/m²
Ef=3.7849 W/m²
Eb=4.2072 W/m²
Ey=3.5946 W/m²
Er=15.305 W/m²
Ep=20.992 Wphyto/m²
Erb_Ratio=3.6379
PPFDf=2.3010E+001 μmol/(m²·s)
PPFD(Eq)=115.96 μmol/(m²·s)