

Description:

GH5035 sightseeing agriculture(visiting agriculture, agri-tourism), home cultivation ornamental plant lights, high quality to ensure the cultivation effect, Just one lamp can also grow crops, Patented product patent number 201620887642, unique lens structure-high-efficient spotlight, uniform spectral radiation, directional irradiation, higher light utilization, compared to non-lens products, PPF increased by 65%, suitable for leafy vegetables, strawberries, succulents, Venus Flytrap and other high-light ornamental plants.



1. Very effective plant lights, Exhibition viewing, more beautiful shooting
2. T-bolt, easy to hang and install, Easy to combine array lights
3. 3 in 1 dimming (0~10Vdc or 10V PWM signal or resistance, dim-to-off)
4. Beam angle: 100°, 60°, 90° for choice, Applicable to different application scenarios, hanging height, coverage, plant lighting PPF.
5. Built-in power supply, plug and play, Waterproof grade IP65
6. Input voltage: AC 100~277V PF >0.9, power 65W
7. Meet the global certification requirements CE RoHS FCC

Model	Dimension LxWxH	Spectral Wavelength	Photon PPF $\mu\text{mol}/\text{m}^2/\text{s}$	PPF	Power Input AC230V	Comment
GH5035 100D	1182x50x38mm	V2	430 μmol @0.2m	170 $\mu\text{mol}/\text{s}$	65W PF >0.9	Beam angle 100° 2.6 $\mu\text{mol}/\text{J}$
			270 μmol @0.3m			
			155 μmol @0.5m			
GH5035 90D	1182x50x45mm	V2	500 μmol @0.2m	156 $\mu\text{mol}/\text{s}$	65W PF >0.9	Beam angle 90° 2.4 $\mu\text{mol}/\text{J}$
			330 μmol @0.3m			
			195 μmol @0.5m			
GH5035 60D	1182x50x53mm	V2	735 μmol @0.2m	156 $\mu\text{mol}/\text{s}$	65W PF >0.9	Beam angle 60° 2.4 $\mu\text{mol}/\text{J}$
			480 μmol @0.3m			
			265 μmol @0.5m			

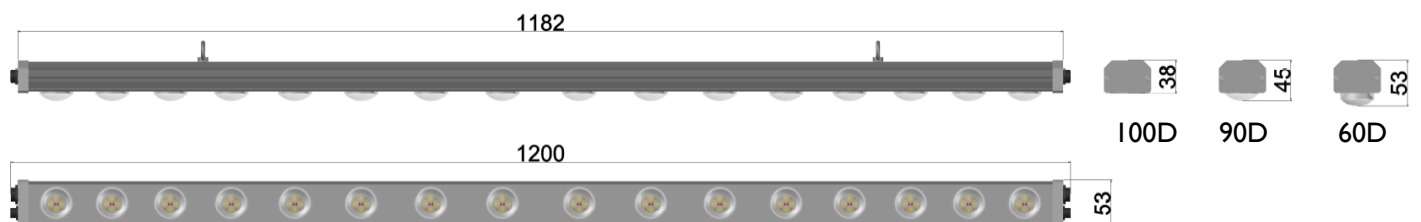
Operating temperature:-30°C~35°C,Lifespan: 50,000 hours (Note:Ta 25°C)

Tolerance range for optical and electrical data: $\pm 10\%$.

The spectrum you need can be customized, please contact Koray for consultation

(Total PAR output: It is calculated by a single LED module) The above data is for reference only!

Dimension:

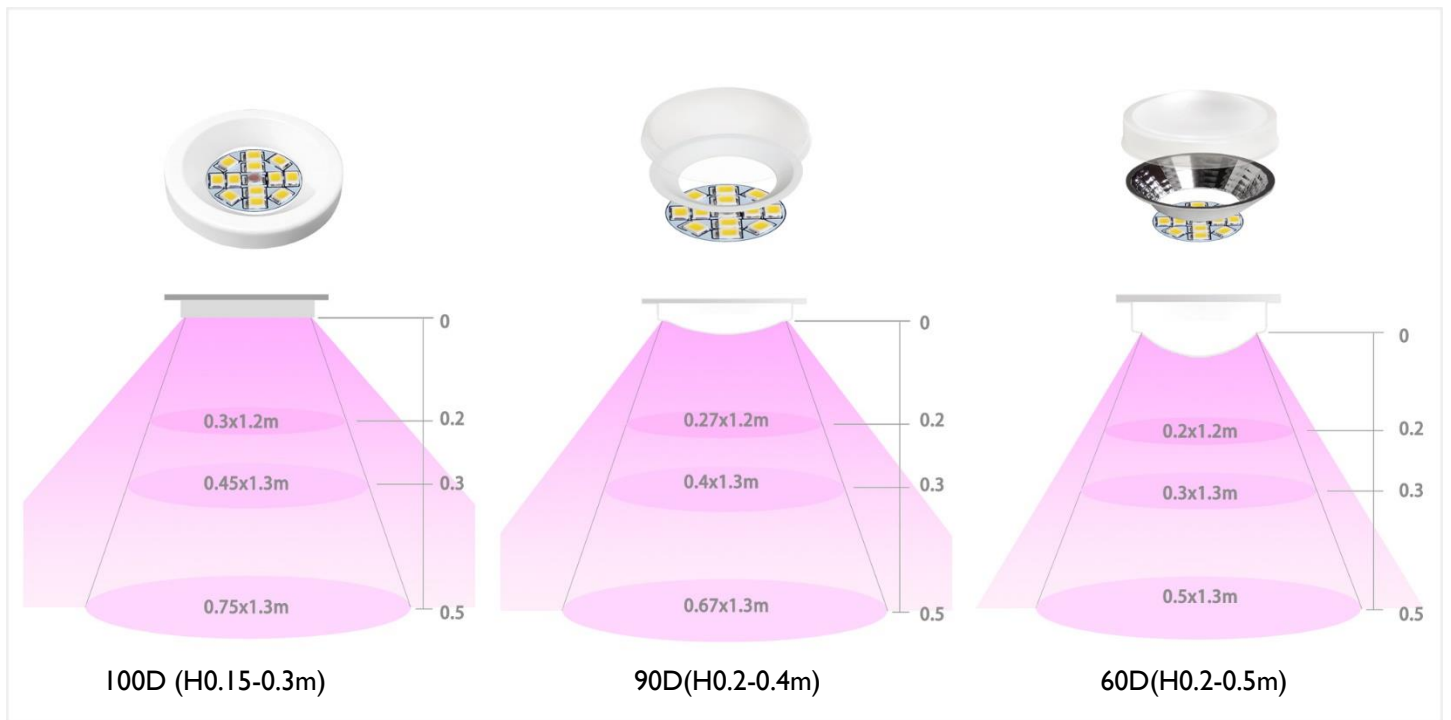


UNIT: mm

Plant factory, indoor sightseeing agriculture, exhibition viewing, more beautiful shooting, years of actual planting, to ensure effective plant growth, plant your beautiful plants



Three secondary optical luminous angles can be selected



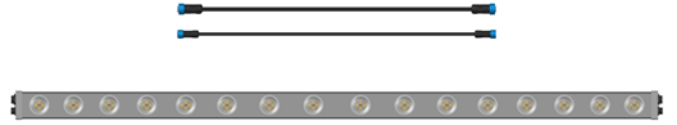
Covering area edge, which is 50% of center PPFD

H = recommended hanging height, distance from plant canopy

Connection Wire Type:



TYPE P AC Plug wire and DM35 Dimmer Plug and Play

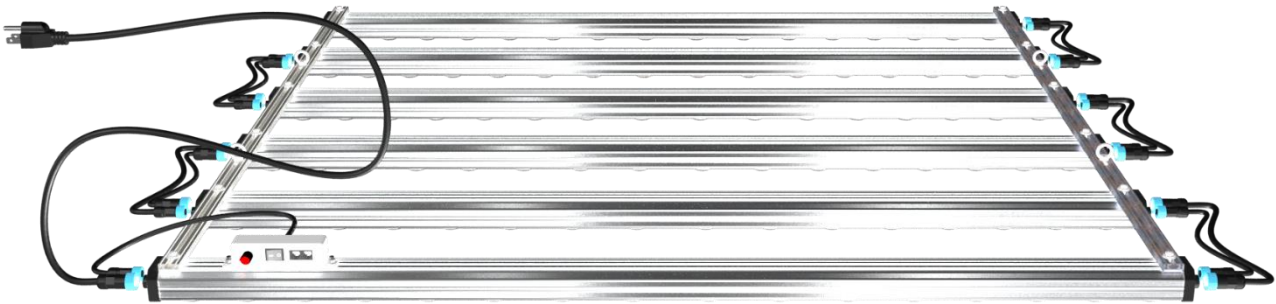


TYPE B Double-ended waterproof plug



Series connection of TYPE P and TYPE B

Compatible with EU20 profile T-bolts, easy to hang and install, and can easily form array lights



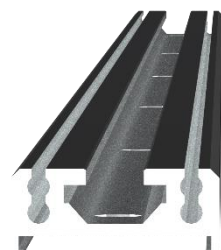
Array of T-bolts and aluminum profiles
 6-strip combination array, strip-to-strip spacing 0.2m,
 90D PPF_D up to 600 $\mu\text{mol}/\text{m}^2/\text{s}$ (0.3m plant canopy spacing)
 60D PPF_D up to 1000 $\mu\text{mol}/\text{m}^2/\text{s}$ (0.3m plant canopy spacing)



T-bolt 12set

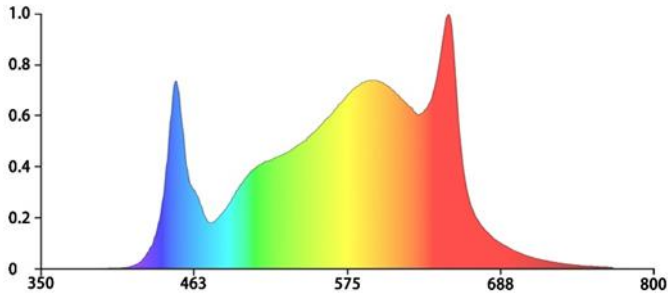


Lifting Eye Nut Ring 4set

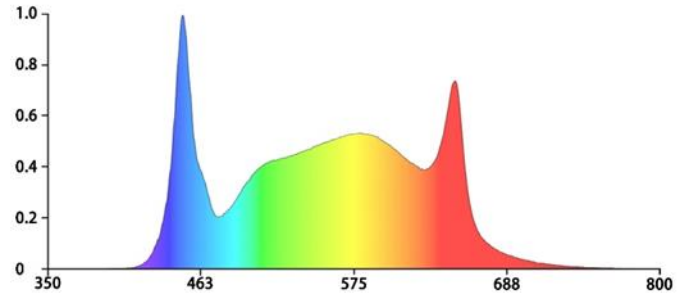


Drilling hole aluminum profiles 2pcs

Selectable Spectra: V2 and V5

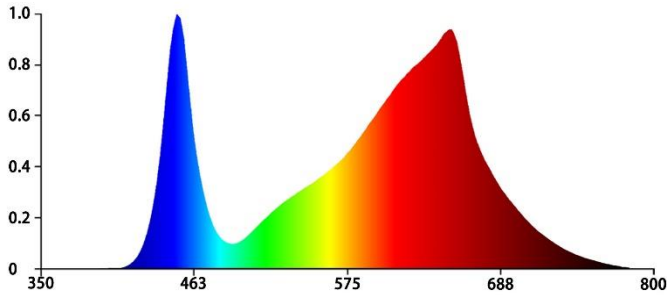


V2 universal spectrum, The preferred full spectrum, Suitable for the full cycle growth of most crops

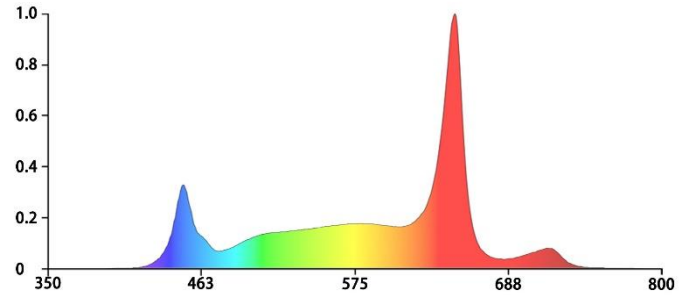


V5 Multi-Blue Light is suitable for seedlings and vegetative growth

Can customize your spectrum



K6A Spectrum, Customizable Spectrum (Succulents, Venus flytraps, and ornamentals)



F153 spectrum, spectrum of flowers and flowering crops

Comparative test, test height 0.3m(12inch), cover area 0.3x1.2m(12x47inch); Koray lens reflector cup structure grow lights, Compared with of no reflector lens LED grow light, PPFD increased by 123 $\mu\text{mol}/\text{m}^2/\text{s}$ and efficiency increased by 65%

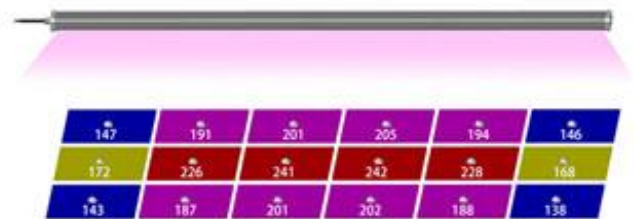
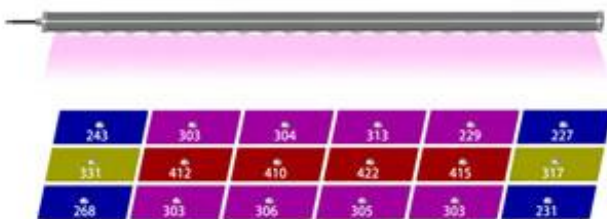


Irradiation coverage area 0.3x1.2m (12x47inch)
18 Point Test PPFD average **313** $\mu\text{mol}/\text{m}^2/\text{s}$ @0.3m 12inch



Irradiation coverage area 0.3x1.2m (12x47inch)
18 Point Test PPFD average **190** $\mu\text{mol}/\text{m}^2/\text{s}$ @0.3m 12inch

VS



Irradiation height 0.3m: PPFD efficiency increased by **65%**

Suspension installation



1. The wire rope passes through the beam and is fixed by the Double hole wire rope lock (Cable Looping Gripper)



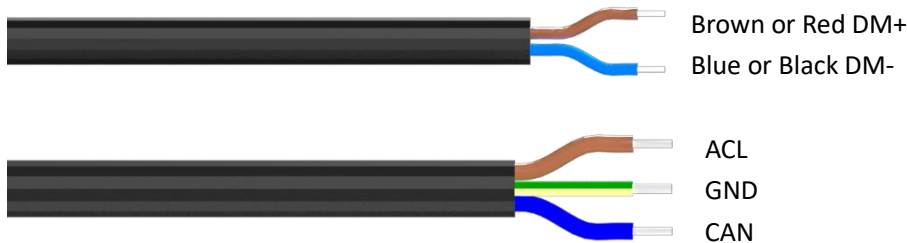
2. Rotate Fixed Side Exit Grippers to cable suspension bolts, Wire rope inserted into Side Exit Grippers



3. Hanging installation completed

Electronic installation instructions

When open the package, please check whether the inside is including product, accessory, label, certificate quality. And please assure that the light is perfect without any damage.



Attention

1. In order to make sure the light can work safety and stability, the ground line should be connected the earth.
2. When connecting the wires please turn off the power, and check whether the wires are connected correctly. Never connect the wires in opposite way, or the power should not be turned on.
3. Please keeping the trip bolt being fastening and reliable, in case of the light fall down of looseness.
4. When finishing connect the wires, please use the insulation gummed tape to convolve the wires, confirm the insulation and solve the waterproof problem.