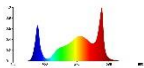
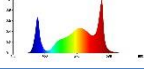
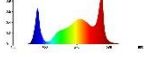


**Description:**

G45 high-power series DC input three-dimensional planting plant lights, using Samsung LM301H EVO lamp beads, blue light peak 435nm-440nm, suitable for leafy vegetables such as lettuce, basil, etc., recommended for plant factories with high-density shelf structure. It is an ideal choice for container hydroponic vegetables, display cabinet cultivation, and sightseeing agriculture.



1. High ornamental, sightseeing agriculture, plant light for showcase cultivation, used for shelf structure plant factory, home indoor plant farm.
2. Samsung LM301H EVO GEN2 grow light spectrum, Osram Horticultural LED, high efficiency and more effective grow light spectrum.
3. 60D and 90D unique lens structure, uniform spectral radiation, lens + reflector, directional illumination, higher light utilization.
4. Waterproof grade IP67, suitable for harsh environments.
5. The 100D type adopts the reflector method, and the PPF efficiency is as high as 3umol/J
6. 3 years warranty.
7. CE RoHS FCC.

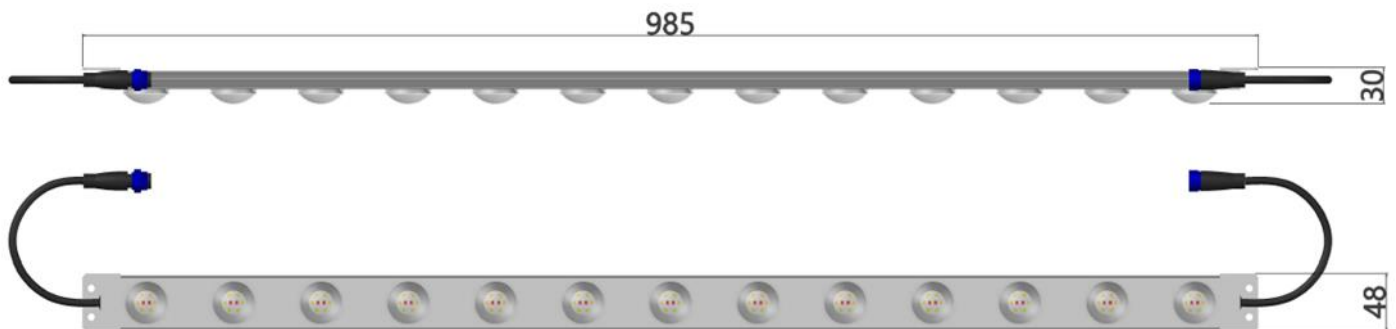
Model	Dimension LxWxH	Spectral Wavelength	Photon PPF $\mu\text{mol}/\text{m}^2/\text{s}$	PPF PAR Output	Power Input	Comment
G45-LM301H-60D	1205×48×30mm	 GEN2	680 $\mu\text{mol}$ @0.2m	105 $\mu\text{mol}/\text{s}$	1A @41.7V	60D lens reflector
			480 $\mu\text{mol}$ @0.2m	165 $\mu\text{mol}/\text{s}$	1.5A @42.6V	
G45-LM301H-90D	1205×48×21mm	 GEN2	480 $\mu\text{mol}$ @0.2m	110 $\mu\text{mol}/\text{s}$	1A @41.7V	90D lens reflector
			700 $\mu\text{mol}$ @0.2m	170 $\mu\text{mol}/\text{s}$	1.5A @42.6V	
G45-LM301H-100D	1205×48×18mm	 GEN2	330 $\mu\text{mol}$ @0.2m	125 $\mu\text{mol}/\text{s}$	1A @41.7V	100D reflector 3.0umol/J
			480 $\mu\text{mol}$ @0.2m	183 $\mu\text{mol}/\text{s}$	1.5A @42.6V	

Operating temperature: -30°C ~ 40°C, Lifespan: 50,000 hrs (Note: Ta ≤ 25°C)

Tolerance range for optical and electrical data: ± 10%.

Custom plant light spectrum (Light recipe) please contact Koray

**Dimension:**



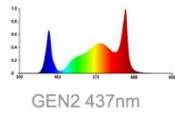
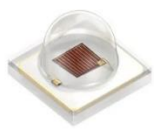
G45 series 60D lens reflector

Vertical agricultural gardening LED for shelf structure plant factories, home indoor plant farms

GW45 LM301H Vegetable and fruit cultivation Horticultural LED Grow Lights



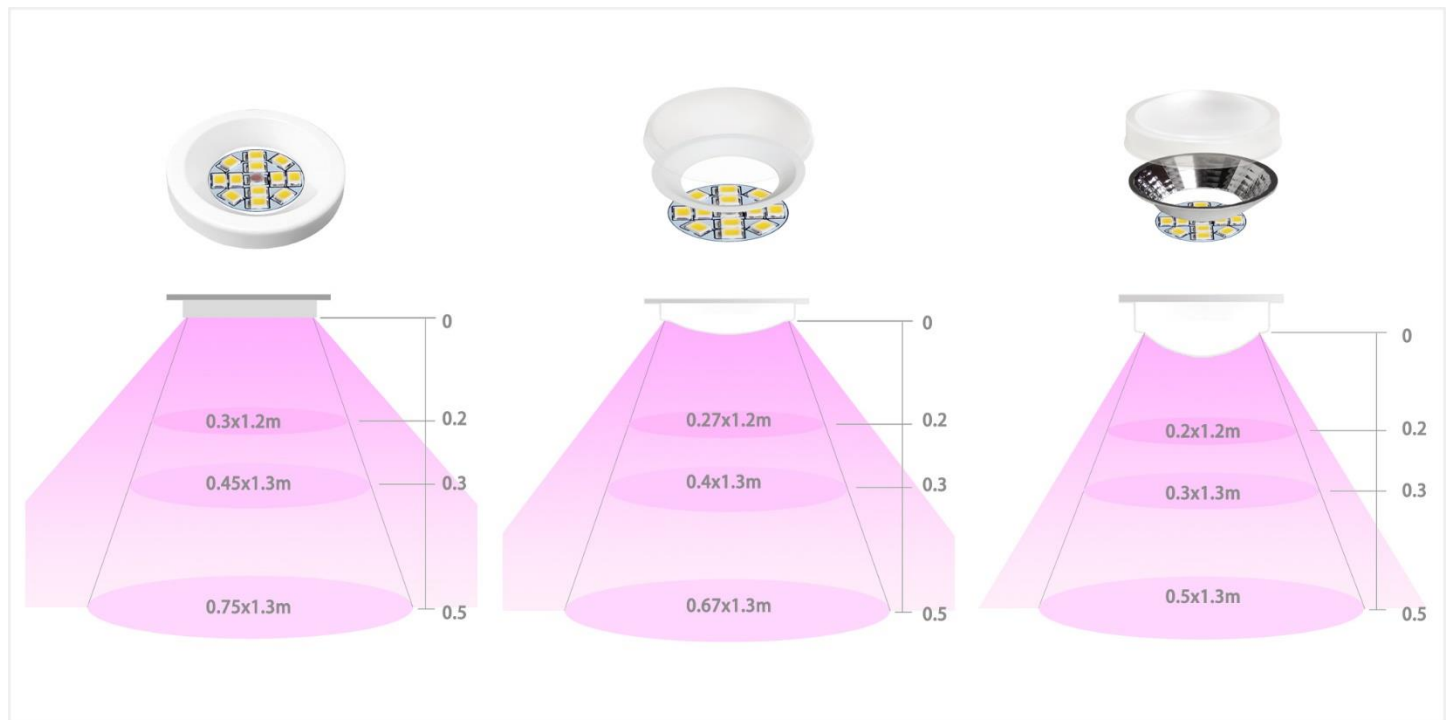
Effective Beautiful Grow light  
Only This Can Match Your Aesthetic Taste  
Share your planting pleasures (Photos and videos)



Samsung LM301H and Osram LED

Energy saving 50%  
Compared with Ruixian old  
Lens + reflector cup Improve PPFD  
Patent No: 201620887642

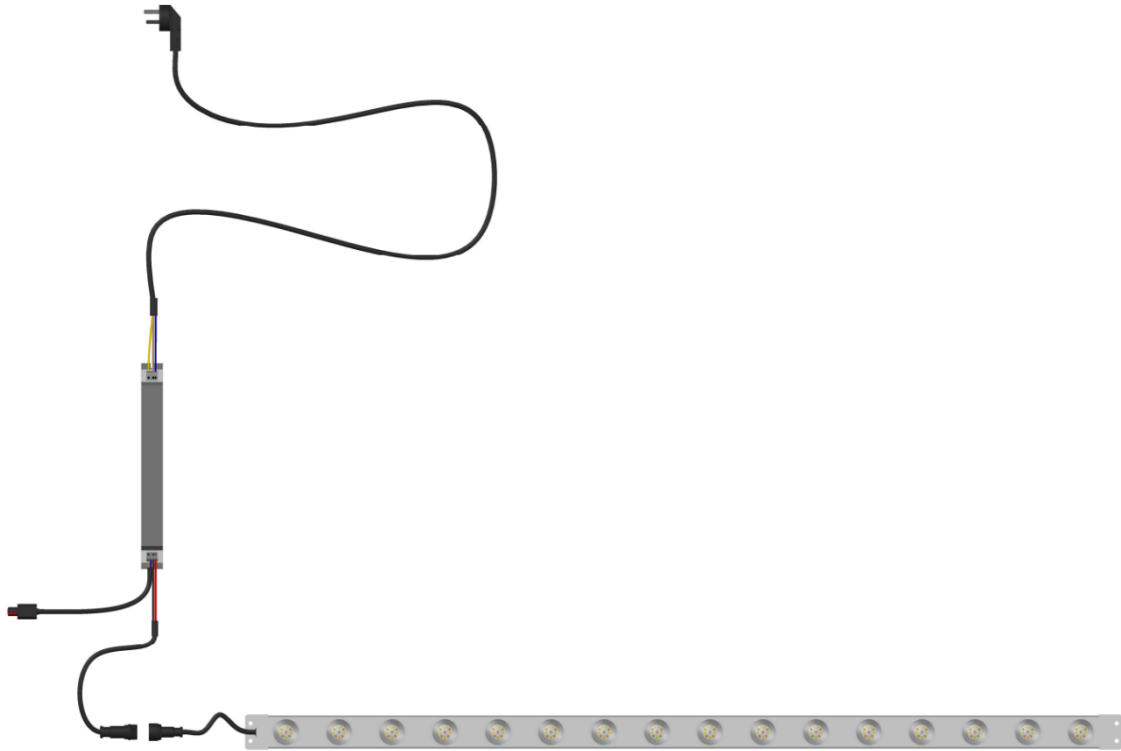
Three light-emitting angles can be selected, and the appropriate lens can be selected according to the hanging height. It is recommended to use 60D



Covering area edge, which is 50% of center PPFD

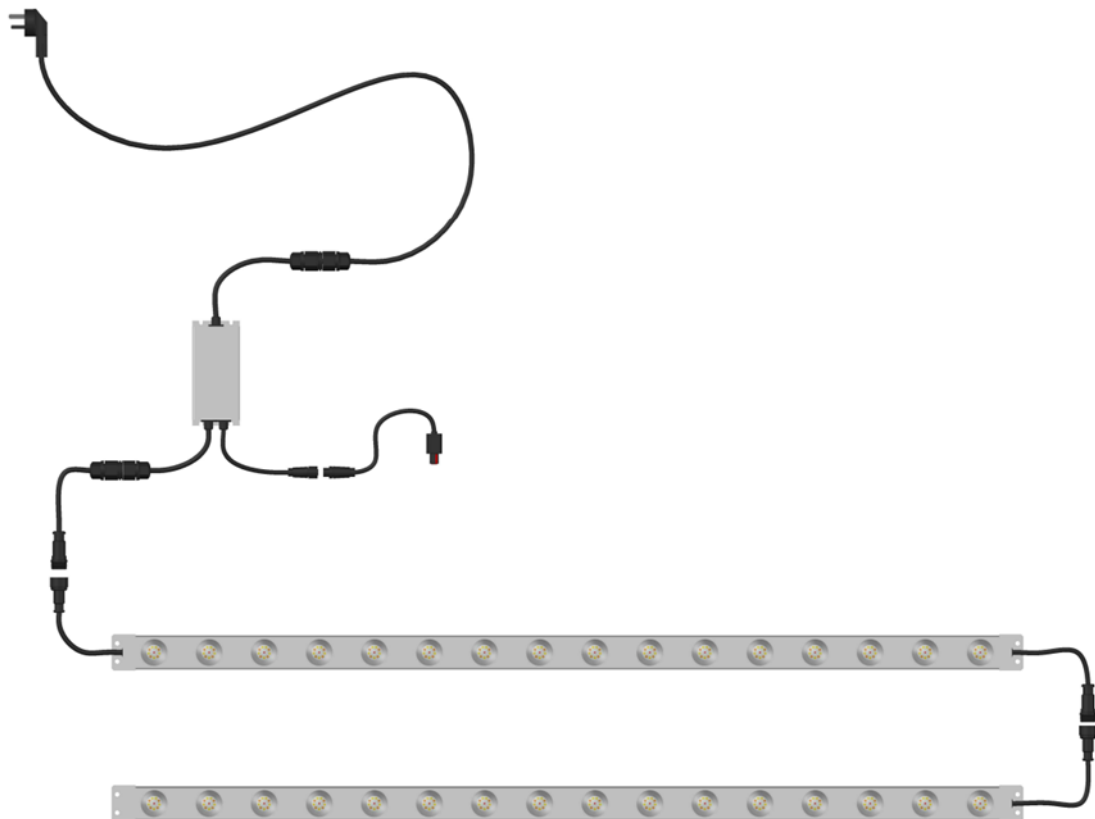
H = recommended hanging height, distance from plant canopy

Connection diagram, MEANWELL power supply is recommended



0.9-1.5A Constant current power supply (DC40-45V)

Serial connection diagram, Maximum serial connection 5pcs



HLG-120H 42AB for 2pcs (HLG-240H-42AB for 4pcs)