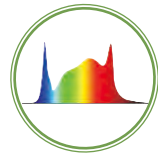
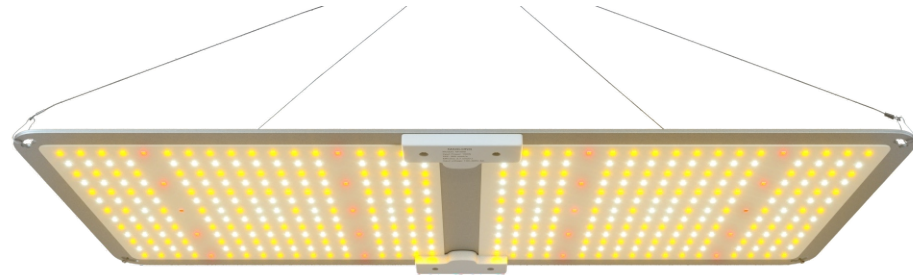


LED Grow Light Panel



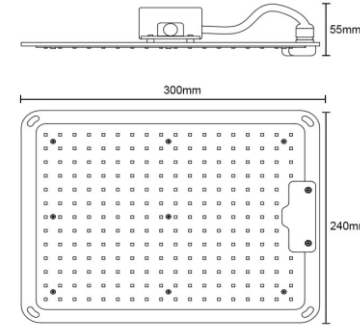
2.7 $\mu\text{mol}/\text{J}$



DIMENSIONS

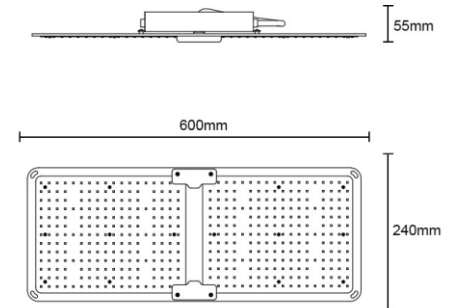
Model:CH-Grow-01-xy

Single package size:30cm Lx24cm Wx5.5cm H
Outer Carton Size:36.8cm Lx29.7cm Wx8.7cm H



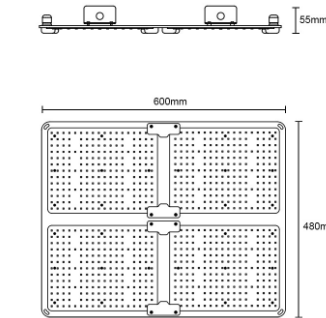
Model:CH-Grow-02-xy

Single package size:60cm Lx24cm Wx5.5cm H
Outer Carton Size:67cm Lx28.9cm Wx8.7cm H



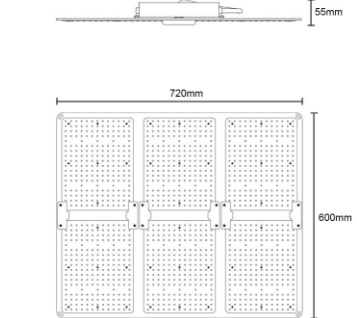
Model:CH-Grow-03-xy

Single package size:60cm Lx48cm Wx5.5cm H
Outer Carton Size:67cm Lx52.9cm Wx8.7cm H



Model:CH-Grow-04-xy

Single package size:72cm Lx60cm Wx5.5cm H
Outer Carton Size:72cm Lx65cm Wx10cm H

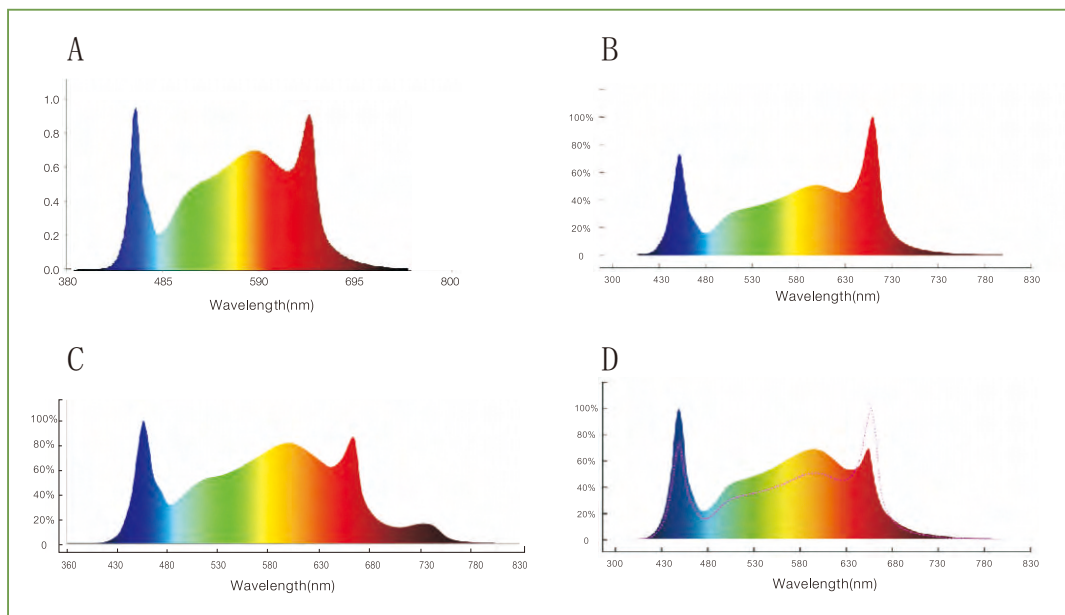


Components	Traditional HPS Light	Old LED Grow Light	Our LED Grow Light
IR	✗	✗	✓
PPF	1.8 $\mu\text{mol}/\text{J}$	1.8 $\mu\text{mol}/\text{J}$	2.7 $\mu\text{mol}/\text{J}$
Fan	NO fan, Zero Noise	With fan and noise	NO Fan, Zero Noise
Dimmable	✗	✗	✓
WaterProof	✗	✗	IP65
Full Spectrum			

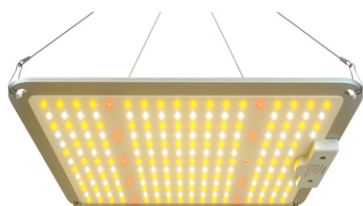
PARAMETER

Model	CH-Grow-01-xy	CH-Grow-02-xy	CH-Grow-03-xy	CH-Grow-04-xy
Input Power	100 \pm 5% W	220 \pm 5% W	450 \pm 5% W	650 \pm 5% W
PPF	270 \pm 5% $\mu\text{mol}/\text{s}$	600 \pm 5% $\mu\text{mol}/\text{s}$	1240 \pm 5% $\mu\text{mol}/\text{s}$	1650 \pm 5% $\mu\text{mol}/\text{s}$
Efficacy	2.7 $\mu\text{mol}/\text{J}$	2.7 $\mu\text{mol}/\text{J}$	2.7 $\mu\text{mol}/\text{J}$	2.7 $\mu\text{mol}/\text{J}$
Input voltage	100-305V AC	100-305V AC	100-305V AC	100-305V AC
Weight	1.8kg 3.8lbs	3.5kg 7.1lbs	6.5kg 13.8lbs	10kg 20.9lbs
Light Distribution	120°	120°	120°	120°
Certifications	Ip65	Ip65	Ip65	Ip65
Power Factor	\geq 0.98	\geq 0.98	\geq 0.98	\geq 0.98
Lifetime L90	>54,000hrs	>54,000hrs	>54,000hrs	>54,000hrs
Warranty	5years	5years	5years	5years

SPECTRA

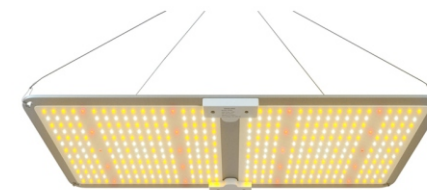


PPFD DISTRIBUTION



Test in a 24"x24" Grow Tent

				Height: 12"				
	337	436	411	364				
	430	641	630	439				
	503	615	612	416				
	301	373	357	302				
				Height: 14"				
24"	290	351	342	318				
18"	391	521	537	428				
12"	380	489	496	409				
6"	285	335	325	300				
0"								
				Height: 18"				
	289	321	315	292				
	351	374	363	329				
	355	341	350	322				
	284	304	282	238				
0"								



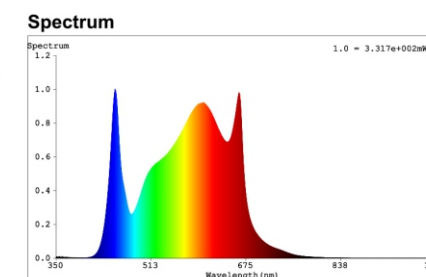
Test in a 48"x24" Grow Tent

								Height: 12"								Height: 18"										
	176	275	461	582	610	483	335	198		209	312	425	475	485	423	336	253		209	312	425	475	485	423	336	253
	190	375	719	981	994	853	464	242		254	349	490	576	592	514	390	292		254	349	490	576	592	514	390	292
	189	364	678	906	935	761	443	231		214	327	446	537	564	504	388	307		214	327	446	537	564	504	388	307
	150	295	449	564	589	484	335	214		186	265	335	440	448	422	331	275		186	265	335	440	448	422	331	275
								Height: 22"								Height: 24"										
24"	213	291	363	423	412	382	332	278		216	290	338	376	384	352	322	274		216	290	338	376	384	352	322	274
18"	227	300	377	443	463	403	342	290		246	284	340	389	399	362	315	291		246	284	340	389	399	362	315	291
12"	231	287	349	402	425	387	324	319		241	270	323	366	368	348	307	317		241	270	323	366	368	348	307	317
6"	202	251	306	361	372	333	299	279		206	242	280	327	331	302	283	287		206	242	280	327	331	302	283	287
0"																										

Higher Reflectivity More Light Output PPFD



Increase Yield by
30% ↑



- Warm White Light : (3000K)
- White Light : (5000K)
- RED Light : (660nm)
- IR Light : (760nm)

LED GROW LIGHT INSTRUCTIONS

Matters needing attention:

Thank you for purchasing our products.

1. Please turn off power before installation in case the risk of fire and electric shock.
2. Please always use product within safe working load.
3. Always use manufacturer supplied cables.
4. DO NOT use this product dynamically, as this is designed for statically use.
5. DO NOT walk or stand on the product.
6. DO NOT use lubricant oil to the fastener or any other part of the product.

APPLICATION



Installation steps:



1 Clip the panel with 4pcs stainless steel ropes.

2 Clip the stainless steel ropes to the adjustable fiber rope which can adjust hanging height to match the plants needs.



3 Adjust the output power with the Dimmer.

4 Healthy growth of plants.



US Plug



Euro Plug



UK Plug



Aus Plug



Chile Plug

Come with US, UK, AU and EU plug

Please directly plug in when finish light installation to keep wiring clean.