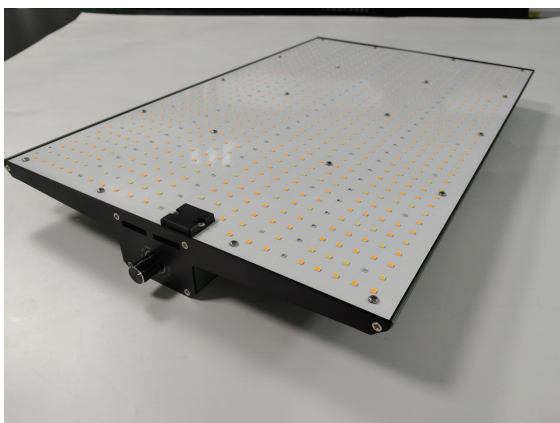
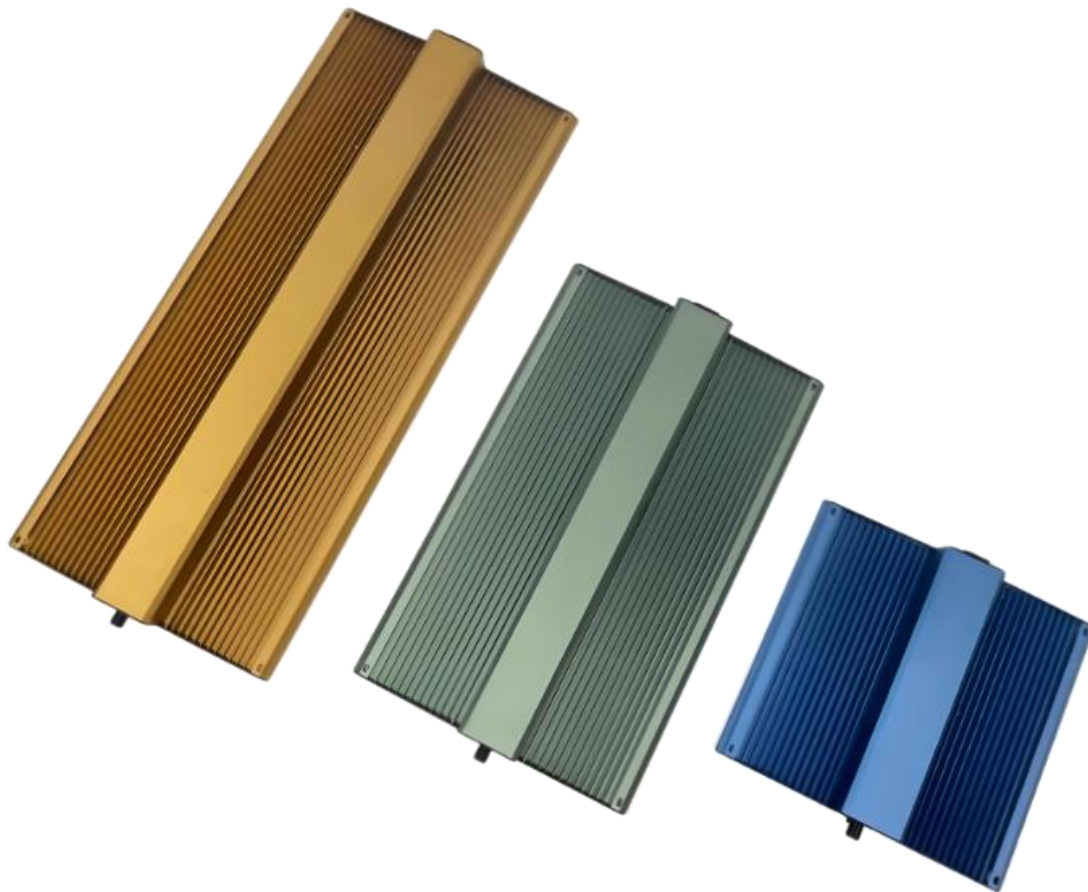


Product Specifications

Quantum Board Grow Light

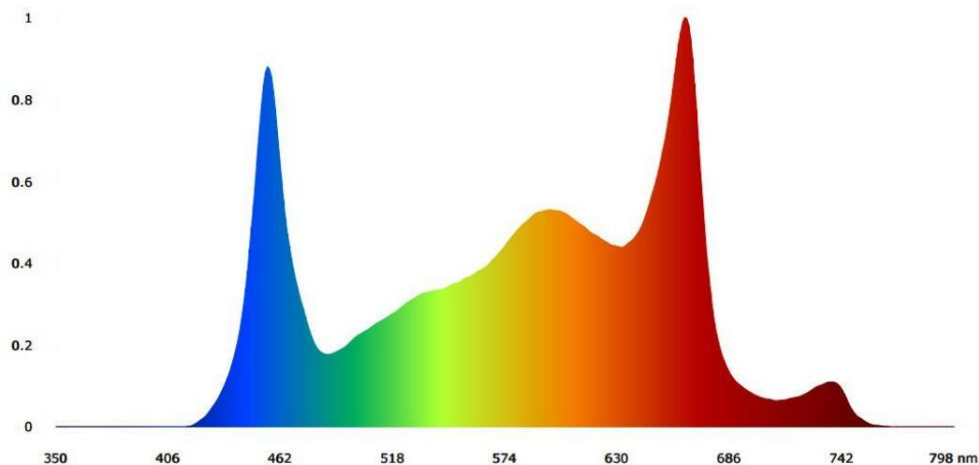


SPECIFICATIONS

Model	JT1-100-QB	JT1-200-QB	JT1-400-QB
Description Name	Quantum Board Grow Light		
Light source	Samsung LED	Samsung LED	Samsung LED
PPF	350 umol/S	700 umol/S	1400 umol/S
PPE	2.9 umol/J	2.9 umol/J	2.9 umol/J
Output power	100W	200W	400W
Input Voltage	AC100~277V/180-528V	AC100~277V/180-528V	AC100~277V/180-528V
Dimming signal	dimming 0-10%	dimming 0-10%	dimming 0-10%
Fixture dimensions	L304*W325*H55.5mm	L504*W325*H55.5mm	L754*W325*H55.5mm
Packing size	L365*W355*H85mm	L575*W365*H85mm	L815*W355*H85mm
Weight	1.75kg	3.25kg	5kg
Gross weight	2.1kg/1pcs 11.5kg/5pcs	3.8kg/1pcs 16.5kg/4pcs	5.7kg/1pcs 12.6kg/2pcs
Beam angle	120°	120°	120°
Cooling method	passive cooling	passive cooling	passive cooling
Max.Ambient temp.	104°F/40°C,max	104°F/40°C,max	104°F/40°C,max
CRI	85	85	85
Lifetime	>50,000H	>50,000H	>50,000H
Warranty	3 year	3 year	3 year



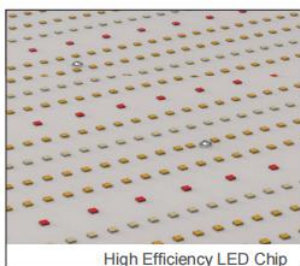
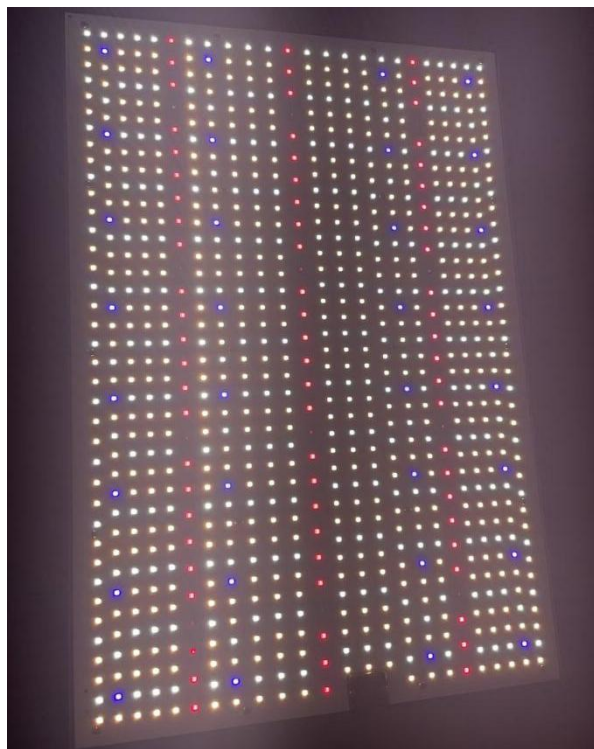
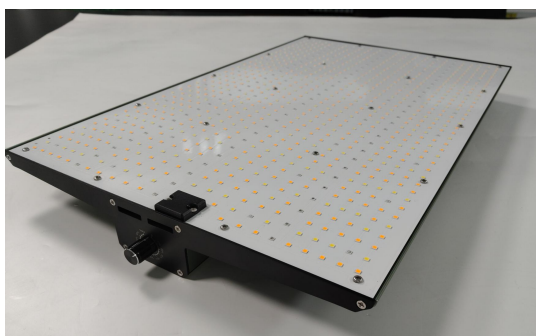
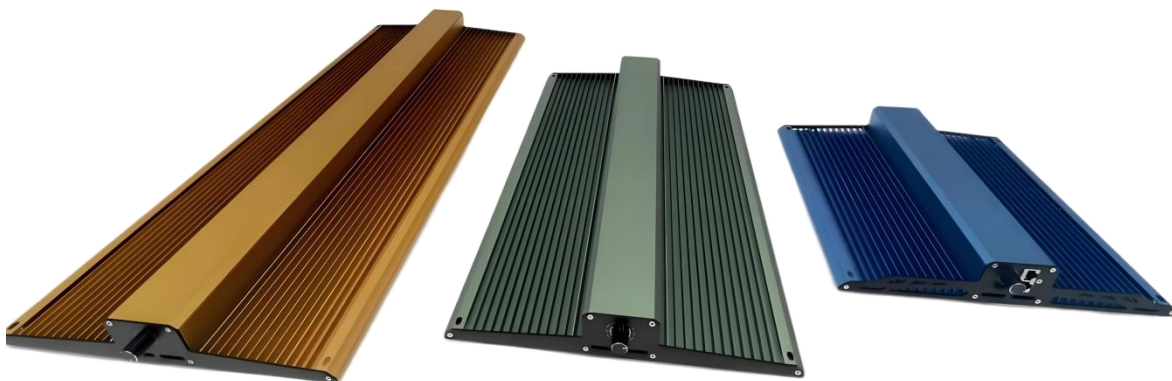
SPECTRUM



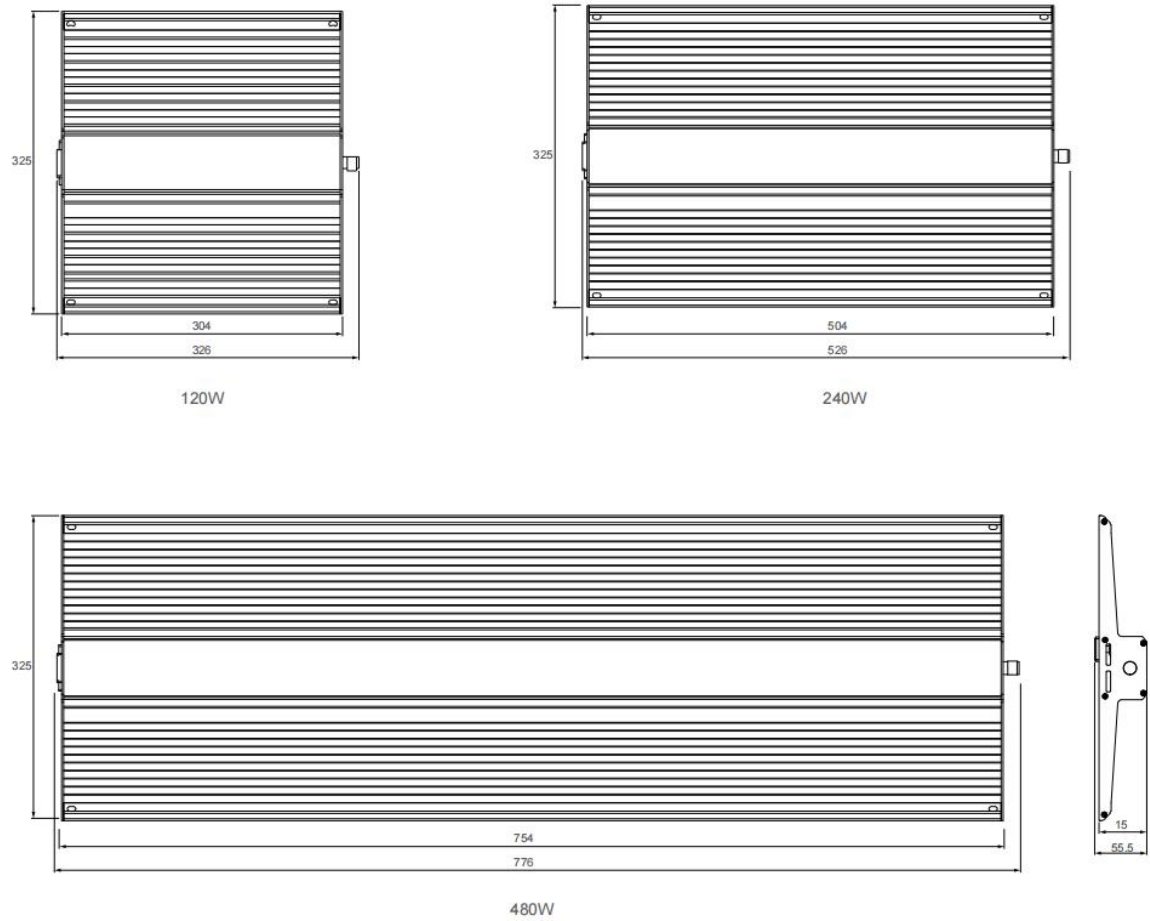
FEATURE

- * Good heat dissipation effect and high cost-effectiveness;
- * Simple, light and stylish design;
- * Suitable for customers who pursue personalized planting
- * PPE can reach up to 2.9 $\mu\text{mol/J}$

PRODUCT DISPLAY



DIMENSIONS (unit:mm)



PACKING DETAILS

Product Size	Packing size	N.W/PCS	Unit/Carton	BOX	G.W/CTN
L304*W325*H55.5mm	L365*W355*H85mm	1.7kg	5	L445*W355*H85mm	11.5kg
L504*W325*H55.5mm	L575*W365*H85mm	3.25kg	4	L375*W360*H590mm	16.5kg
L754*W325*H55.5mm	L815*W355*H85mm	5kg	2	L830*W365*H190mm	12.6kg

PPFD CHART

120W 30cm(12") Height PPFD Test

Test area: 1200x1200mm

143	158	174	192	207	198	192	174	165	151
155	184	222	261	276	277	262	227	189	163
171	227	278	375	422	443	390	302	228	182
193	255	370	522	610	600	532	395	274	206
214	285	402	584	730	731	628	457	315	216
205	278	410	585	716	730	602	448	304	219
192	239	362	478	568	672	494	351	252	196
170	215	272	346	402	395	335	278	216	179
163	173	209	247	285	266	245	211	175	156
141	156	182	192	190	199	177	167	154	148

120W 40cm(16") Height PPFD Test

Test area: 1200x1200mm

171	187	206	217	225	221	211	198	185	170
186	209	245	271	270	273	261	236	208	182
202	243	292	348	377	373	338	289	239	196
215	272	343	411	459	452	424	351	267	204
228	289	366	450	506	501	463	372	286	221
231	280	356	445	497	495	458	371	285	223
209	263	324	396	441	437	406	338	259	207
195	237	281	341	368	377	333	275	226	186
177	193	226	255	265	263	258	231	197	167
168	172	195	207	216	219	208	192	173	165

120W 60cm(24") Height PPFD Test

Test area: 1200x1200mm

183	198	205	212	215	214	212	202	198	187
192	205	219	234	232	234	231	222	203	191
201	219	240	259	274	275	261	255	221	205
208	232	258	282	296	297	288	268	239	210
209	237	265	295	309	311	304	280	246	215
214	239	274	292	307	310	300	278	244	213
206	230	253	275	290	293	286	255	227	206
199	216	240	257	264	276	257	249	212	205
185	197	217	229	233	230	227	219	195	184
173	194	202	210	214	213	209	203	195	179

240W 30cm(12") Height PPFD Test

Test area: 1200x1200mm

207	246	277	312	323	321	307	273	245	213
250	319	382	455	485	489	439	384	306	237
305	381	555	651	722	715	636	537	392	310
354	512	719	875	998	983	882	703	500	335
392	573	806	1015	1148	1140	1023	810	565	377
388	559	795	1033	1134	1145	1012	793	562	396
344	495	704	867	995	997	879	698	496	348
304	383	543	648	719	703	664	551	373	307
239	307	375	448	472	465	459	381	298	241
206	230	262	307	316	311	304	267	231	199

240W 40cm(16") Height PPFD Test

Test area: 1200x1200mm

255	285	317	345	353	351	339	314	285	253
268	328	382	392	449	443	383	377	316	259
320	399	483	543	592	586	529	475	392	313
362	469	565	668	724	720	669	557	452	343
381	484	629	736	803	798	732	619	476	365
379	494	611	729	786	795	717	623	469	374
352	452	542	670	717	728	657	548	462	363
315	381	462	535	580	588	434	479	393	297
267	318	379	372	437	441	377	368	331	277
242	278	327	332	349	335	329	331	282	256

240W 60cm(24") Height PPFD Test

Test area: 1200x1200mm

297	328	340	357	365	364	358	342	311	295
305	345	370	394	410	411	393	359	331	288
328	364	412	451	469	466	451	413	361	319
342	392	448	486	509	511	465	446	393	347
345	401	448	506	530	528	503	460	407	336
340	394	450	491	522	529	494	446	392	336
330	373	435	460	495	503	473	444	382	344
313	363	406	447	465	468	460	409	359	325
292	335	368	384	415	406	378	365	334	291
281	318	352	345	360	364	363	343	324	287