










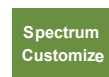
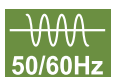
1650
Umol/s



2.5
μmol/J

OSRAM LEDs, LM-80
ETL, LM-79, CE certification

-  Fanless Design.
-  IP65 Waterproof.
-  Dimmable: 0-10V with integrated dimming knob.
-  Slim design, small, compact and easy to install with 180 degree foldable system.
-  Covering all growing stages including: Genetics, Propagation, Vegetation and Flowering
-  Quick connector for faster installation and quick daisy chain connector.
-  5 years warranty.

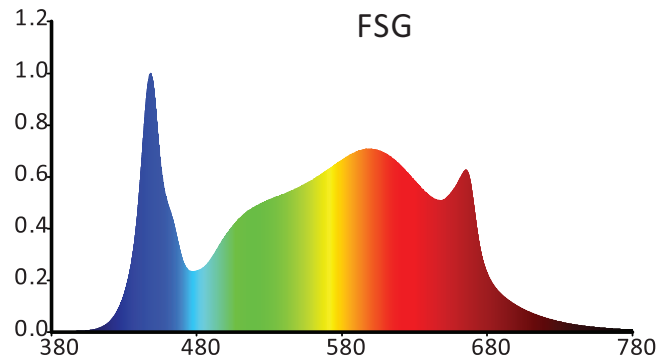


SPECIFICATIONS

MODEL	FM3		FM4	
Power Consumption (incl. driver)	240W		320W	
Spectrum	FSG		FSG	
PPF(μmol/s)	600	648	800	864
Efficacy (μmol/J)	2.5	2.7	2.5	2.7
Dimensions (L*W*H)	47*18*2.4inch (1193*458*62mm)		47*21.1*2.4inch (1193*458*62mm)	
Weight	11.9lbs (5.4kg)		14.6lbs (6.6kg)	
Heat Output (BTU/h)	816 BTU/h		1088 BTU/h	

MODEL	FM6		FM8	
Power Consumption (incl. driver)	480W		660W	
Spectrum	FSG		FSG	
PPF(μmol/s)	1200	1296	1650	1782
Efficacy (μmol/J)	2.5	2.7	2.5	2.7
Dimensions (L*W*H)	42*42.4*2.4inch (1067*1077*62mm)		42*42.4*2.4inch (1067*1077*62mm)	
Weight	24lbs (10.9kg)		30lbs (13.6kg)	
Heat Output (BTU/h)	1632 BTU/h		2244 BTU/h	

Intensity(a.u.)



PHOTON FLUX DISTRIBUTION

660W MH8 PPFD Distribution^{1,2} FSG 2.5umol/s

189	293	306	333	294	302	246	146
614	1107	1143	1226	1174	1151	999	594
664	1293	1367	1396	1387	1387	1266	716
692	1211	1309	1322	1332	1310	1208	714
735	1235	1314	1351	1349	1318	1216	706
758	1271	1373	1426	1404	1363	1271	769
638	1147	1226	1262	1249	1167	1083	664
175	283	303	321	308	325	296	173

6"/152mm Height

301	363	407	418	418	389	341	277
396	480	541	567	562	525	459	368
470	574	650	686	679	631	545	432
508	623	703	743	741	696	605	466
511	616	701	740	737	693	599	466
467	572	640	680	676	641	551	433
398	478	541	569	561	534	462	356
308	362	404	424	422	394	348	276

24"/610mm Height

290	402	455	468	470	464	391	246
495	741	822	860	839	815	702	473
624	920	1036	1083	1071	1032	905	605
656	980	1104	1138	1137	1100	953	611
667	972	1086	1133	1137	1099	954	622
619	922	1038	1083	1075	1035	908	578
478	714	819	846	835	795	701	446
270	380	439	451	451	421	378	251

12"/305mm Height

290	329	356	372	369	345	305	261
362	408	447	463	462	433	388	323
412	473	523	548	542	504	447	367
433	499	554	582	579	546	479	392
433	500	554	584	580	546	481	390
405	468	518	547	541	505	447	363
355	410	453	469	461	435	392	322
286	328	358	372	371	352	315	261

30"/762mm Height

282	366	423	447	460	440	388	295
440	578	646	678	677	633	548	401
541	716	858	857	847	802	665	495
576	771	885	1138	1137	1100	953	611
581	765	876	926	928	876	742	537
538	703	810	851	853	808	697	499
440	567	648	690	684	642	560	405
296	384	445	461	470	447	380	284

18"/457mm Height

268	296	315	328	325	312	280	248
316	356	383	397	394	371	337	292
360	402	435	451	447	425	380	325
372	422	458	476	474	451	402	337
376	421	455	473	470	447	398	333
357	397	429	445	445	422	377	321
317	352	386	397	397	373	338	284
267	302	322	329	328	312	284	246

36"/914mm Height

660W MH8 PPFD Distribution^{1,2} FSG 2.7umol/s

197	305	318	346	306	314	256	152
639	1151	1189	1275	1221	1197	1039	618
711	1345	1422	1452	1442	1442	1317	745
719	1259	1361	1375	1385	1363	1256	743
765	1285	1366	1405	1403	1371	1264	734
789	1322	1426	1483	1460	1417	1322	800
664	1193	1275	1313	1299	1214	1127	691
182	294	315	334	320	338	307	180

6"/152mm Height

313	377	423	435	435	404	355	288
412	500	563	590	585	546	477	383
488	597	676	713	706	656	567	449
528	648	731	773	770	726	629	484
532	640	729	769	767	721	623	484
486	595	665	707	703	667	573	450
414	497	562	592	584	555	480	370
320	376	420	441	438	409	361	287

24"/610mm Height

302	418	473	486	488	482	407	256
514	771	854	894	872	848	730	492
649	957	1077	1126	1113	1073	941	630
682	1019	1148	1183	1183	1144	991	636
694	1011	1140	1179	1182	1143	992	647
643	959	1079	1126	1118	1076	944	601
498	743	851	880	869	827	729	464
281	396	456	469	469	438	393	261

12"/305mm Height

302	342	370	386	384	359	317	271
377	425	465	481	481	451	403	336
428	492	544	570	564	524	465	382
450	519	576	605	602	568	498	408
450	520	576	607	603	567	500	405
421	486	539	569	563	525	464	377
370	426	471	488	479	453	407	334
297	341	372	386	386	368	327	271

30"/762mm Height

293	380	440	465	479	458	403	307
457	598	671	705	704	658	570	417
563	744	864	891	881	834	700	515
599	801	920	1184	1182	1144	991	635
604	795	913	963	965	913	771	558
560	731	843	885	887	841	725	519
457	589	674	718	711	668	582	421
308	399	463	480	488	465	395	295

18"/457mm Height

279	310	328	341	338	325	292	257
329	370	398	413	410	386	350	310
374	418	452	469	465	442	395	338
387	439	477	495	493	469	418	351
391	438	474	492	489	465	414	347
371	413	446	463	463	439	392	334
329	366	401	413	413	391	352	295
278	314	335	342	341	324	296	256

36"/914mm Height

DIMENSIONS

