

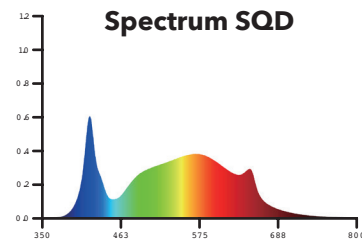


400W LED



400W LED test environments:

1. Coverage Area: 1.2m x1.2m=1.44m²
2. LED fixture is installed in darkroom, the distance from the light to the canopy:
20cm/30cm/40cm/50cm/60cm
3. Test Instrument: EVERFINE Specialized Plant Spectrum Analyzer PLA-20



PPFD($\mu\text{mol}/\text{m}^2/\text{s}$)---Height 0.2m(0.66')---Input Power 400W

284	457	516	537	543	539	500	303
332	540	613	636	640	629	571	368
354	570	643	671	676	662	597	382
365	608	680	710	717	702	628	391
369	600	676	708	718	701	636	393
357	572	642	671	678	664	596	352
348	543	615	644	652	637	576	369
294	457	520	526	532	522	490	307

Illumination (K Lx)---Height 0.2m(0.66')---input Power 400W

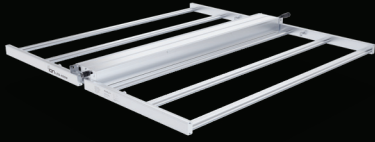
19	31	34	36	36	36	33	20
22	36	41	42	43	42	38	25
24	38	43	45	45	44	40	25
24	40	45	47	48	47	42	26
25	40	46	47	48	47	42	26
24	38	43	45	45	44	40	24
23	36	41	43	44	43	38	25
20	31	35	35	36	35	33	21

PPFD($\mu\text{mol}/\text{m}^2/\text{s}$)---Height 0.3m(0.98')---Input Power 400W

242	357	415	440	446	433	387	260
304	451	525	553	551	526	459	317
332	488	573	610	616	591	512	356
344	507	596	633	638	612	530	359
334	508	595	632	640	611	526	355
338	494	575	611	620	594	513	345
315	449	523	551	565	547	477	324
259	367	423	450	445	430	365	257

Illumination (K Lx)---Height 0.3m(0.98')---Input Power 400W

16	24	28	29	30	29	26	17
20	30	35	37	37	35	31	21
22	32	38	41	41	39	34	24
23	34	40	42	42	41	35	24
22	34	40	42	43	41	35	24
23	33	38	41	41	40	34	23
21	30	35	37	38	37	32	22
17	25	28	30	30	29	24	17



400W LED

PPFD($\mu\text{mol}/\text{m}^2/\text{s}$)--Height 0.4m(1.31')--Input Power 400W

220	300	349	380	384	369	316	228
269	373	445	472	480	457	392	280
297	416	496	534	536	508	436	319
314	437	518	557	561	531	457	330
311	429	515	555	561	532	459	338
307	419	493	529	535	508	441	321
280	380	447	476	481	458	390	288
225	309	360	380	386	372	311	233

Illumination (K Lx)--Height 0.4m(1.31')--Input Power 400W

15	20	23	25	26	25	21	15
18	25	30	32	32	30	26	19
20	28	33	36	36	34	29	21
21	29	35	37	37	35	30	22
21	29	34	37	37	36	31	23
21	28	33	35	36	34	29	21
19	25	30	32	32	31	26	19
15	21	24	25	26	25	21	16

PPFD($\mu\text{mol}/\text{m}^2/\text{s}$)---Height 0.5m(1.64')--Input Power 400W

204	257	303	338	334	322	281	216
244	320	381	405	410	387	337	263
271	360	421	454	459	431	369	283
284	375	445	480	483	456	389	297
289	379	444	481	484	457	394	304
275	360	420	454	460	436	378	288
256	328	377	406	413	387	337	261
202	265	313	331	337	320	275	215

Illumination (K Lx)---Height 0.5m(1.64')--Input Power 400W

14	17	20	23	22	21	19	14
16	21	25	27	27	26	23	17
18	24	28	30	31	29	25	19
19	25	30	32	32	30	26	20
19	25	30	32	32	31	26	20
18	24	28	30	31	29	25	19
17	22	25	27	28	26	23	17
13	18	21	22	22	21	18	14

PPFD($\mu\text{mol}/\text{m}^2/\text{s}$)---Height 0.6m(1.96')--Input Power 400W

187	232	274	296	297	280	245	197
221	280	328	351	354	334	294	236
243	314	366	392	391	368	322	256
258	332	383	411	414	392	340	269
252	328	381	410	412	393	342	275
249	311	360	388	394	372	326	260
222	277	320	345	349	329	287	229
188	227	261	283	282	270	238	191

Illumination (K Lx)---Height 0.6m(1.96')--Input Power 400W

12	16	18	20	20	19	16	13
15	19	22	23	24	22	20	16
16	21	24	26	26	25	21	17
17	22	26	27	28	26	23	18
17	22	25	27	28	26	23	18
17	21	24	26	26	25	22	17
15	19	21	23	23	22	19	15
13	15	17	19	19	18	16	13