

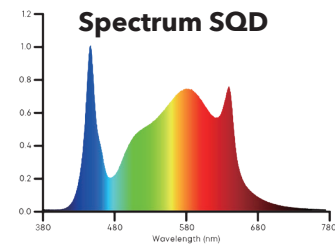


630W LED



630W 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(umol/m²/s)---Height 0.2m(0.66')--Input Power 630W

544	633	636	594	620	679	675	588
755	862	878	864	875	905	890	784
811	933	955	932	940	971	944	819
838	962	983	967	966	988	966	854
823	952	972	960	956	975	951	842
777	910	932	917	912	931	905	808
713	841	861	841	833	862	847	742
557	639	657	626	598	636	632	545

Illumination (K Lx)---Height 0.2m(0.66')--input Power 630W

35	41	41	39	40	44	44	38
49	56	57	56	57	59	58	51
53	61	62	61	61	63	61	53
55	63	64	63	63	64	63	56
53	62	63	62	62	63	62	55
50	59	61	60	59	61	59	53
46	55	56	55	54	56	55	48
36	42	43	41	39	41	41	35

PPFD(umol/m²/s)---Height 0.3m(0.98')--Input Power 630W

455	517	537	534	552	580	551	499
611	733	763	760	764	775	749	633
671	817	857	857	861	870	837	706
734	858	899	897	899	903	865	777
776	848	893	892	896	896	858	820
678	814	851	849	852	853	815	696
596	717	754	750	751	757	733	624
497	560	567	559	556	561	524	541

Illumination (K Lx)---Height 0.3m(0.98')--Input Power 630W

30	34	35	35	36	38	36	32
40	48	50	49	50	50	49	41
44	53	56	56	56	57	54	46
48	56	58	58	58	59	56	51
50	55	58	58	58	58	56	53
44	53	55	55	55	55	53	45
39	47	49	49	49	49	48	41
32	36	37	36	36	36	34	35



630W LED

PPFD($\mu\text{mol}/\text{m}^2/\text{s}$)--Height 0.4m(1.31')--Input Power 630W

375	434	477	494	504	513	477	396
504	604	654	670	676	666	624	520
564	690	750	763	765	758	705	590
597	724	786	803	805	794	741	619
591	723	782	796	795	784	734	621
564	685	737	752	752	740	690	573
482	597	645	656	659	650	599	501
379	457	494	504	501	489	451	385

Illumination (K Lx)--Height 0.4m(1.31')--Input Power 630W

24	28	31	32	33	33	31	26
33	39	42	44	44	43	41	34
37	45	49	50	50	49	46	38
39	47	51	52	52	52	48	40
38	47	51	52	52	51	48	40
37	45	48	49	49	48	45	37
31	39	42	43	43	42	39	33
25	30	32	33	33	32	29	25

PPFD($\mu\text{mol}/\text{m}^2/\text{s}$)---Height 0.5m(1.64')--Input Power 630W

317	382	416	440	445	446	405	346
422	505	553	572	574	551	520	447
477	570	635	658	664	649	601	503
415	583	638	697	697	675	627	458
458	540	595	668	691	638	583	502
477	569	633	650	653	635	589	521
410	498	550	569	569	553	510	428
326	402	445	454	456	447	403	331

Illumination (K Lx)---Height 0.5m(1.64')--Input Power 630W

21	25	27	29	29	29	26	22
27	33	36	37	37	36	34	29
31	37	41	43	43	42	39	33
27	38	41	45	45	44	41	30
30	35	39	43	45	41	38	33
31	37	41	42	42	41	38	34
27	32	36	37	37	36	33	28
21	26	29	30	30	29	26	22

PPFD($\mu\text{mol}/\text{m}^2/\text{s}$)---Height 0.6m(1.96')--Input Power 630W

320	365	395	418	426	413	372	320
389	454	504	523	525	507	468	392
436	518	567	590	589	567	519	434
457	542	598	621	620	597	546	461
458	540	595	615	614	591	540	452
430	506	555	574	573	551	502	430
379	445	488	509	510	490	449	381
350	364	402	419	417	397	360	306

Illumination (K Lx)---Height 0.6m(1.96')--Input Power 630W

21	24	26	27	28	27	24	21
25	30	33	34	34	33	30	25
28	34	37	38	38	37	34	28
30	35	39	40	40	39	35	30
30	35	39	40	40	38	35	29
28	33	36	37	37	36	33	28
25	29	32	33	33	32	29	25
23	24	26	27	27	26	23	20