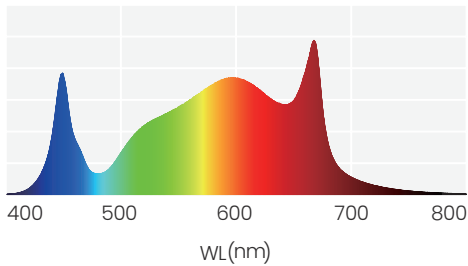


## LEDzx F720

LEDzx F720 test environments:

1. Coverage Area: 1.2m x 1.2m = 1.44m<sup>2</sup>
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

### Spectrum SQD



PPFD(umol/m <sup>2</sup> /s) --- Height 0.2m(0.66') --- Input Power 720 W							
428	536	556	577	626	606	531	458
805	1015	1045	1095	1124	1064	1005	836
932	1170	1249	1295	1288	1221	1167	952
991	1200	1284	1349	1321	1268	1214	973
946	1186	1264	1304	1290	1240	1164	976
897	1120	1199	1245	1238	1174	1117	914
760	975	995	1045	1074	1014	955	786
386	488	536	527	576	586	490	408

Illumination (K Lx) --- Height 0.2m(0.66') --- Input Power 720 W							
28	35	36	38	41	41	35	30
52	66	68	71	73	69	65	55
61	76	81	84	84	79	76	62
65	79	84	88	86	83	79	64
62	78	83	85	84	81	76	64
59	72	76	80	79	75	71	60
50	61	64	66	68	64	60	50
26	32	35	35	36	36	33	25

PPFD(umol/m <sup>2</sup> /s) --- Height 0.3m(0.98') --- Input Power 720 W							
401	530	584	598	594	572	509	413
630	819	903	907	919	894	818	635
743	978	1087	1127	1117	1073	977	755
793	1032	1143	1185	1175	1141	1019	793
768	1011	1121	1160	1156	1117	1022	787
731	947	1042	1077	1067	1023	934	705
596	769	853	858	875	844	768	585
374	480	534	548	544	522	469	369

Illumination (K Lx) --- Height 0.3m(0.98') --- Input Power 720 W							
26	35	38	39	39	37	33	27
41	53	59	59	60	58	53	41
48	64	71	73	73	70	64	49
52	67	75	77	77	74	67	52
50	66	73	76	76	73	67	52
48	62	69	70	69	67	61	46
39	50	54	56	57	54	50	38
25	31	34	35	35	34	31	25



Horticultural Lighting  
If Nanolux doesn't make it  
You don't need it

## LEDzx F720

PPFD( $\mu\text{mol}/\text{m}^2/\text{s}$ ) -- Height 0.4m(1.31') -- Input Power 720 W							
376	477	540	564	574	545	482	378
523	671	766	754	795	765	670	530
637	822	919	954	954	921	812	640
689	872	982	1026	1023	981	871	683
670	868	961	1016	1008	969	864	672
614	790	869	914	910	875	783	621
506	634	716	742	748	715	645	500
342	433	490	514	524	495	444	348

Illumination (K Lx) -- Height 0.4m(1.31') -- Input Power 720 W							
24	31	35	37	37	35	31	25
34	44	50	49	52	50	44	35
42	54	60	62	62	60	53	42
45	57	64	67	67	64	57	45
44	57	63	66	66	63	56	44
40	52	57	60	59	57	51	41
33	42	47	49	49	47	42	33
23	29	32	34	34	32	29	23

PPFD( $\mu\text{mol}/\text{m}^2/\text{s}$ ) -- Height 0.5m(1.64') -- Input Power 720 W							
359	440	482	505	523	497	441	353
467	583	653	689	695	661	594	469
557	692	779	824	827	783	686	546
601	751	842	882	878	843	742	586
595	737	827	868	868	844	734	584
533	667	739	787	781	749	664	529
446	548	619	641	645	617	553	442
325	398	449	469	473	447	405	326

Illumination (K Lx) -- Height 0.5m(1.64') -- Input Power 720 W							
23	29	31	33	34	32	29	23
30	38	42	45	45	43	39	31
36	45	51	54	54	51	45	36
39	49	55	57	57	55	48	38
39	48	54	57	57	54	48	38
35	44	48	52	51	49	43	35
29	36	41	42	42	41	36	29
21	26	30	31	31	29	27	22

PPFD( $\mu\text{mol}/\text{m}^2/\text{s}$ ) -- Height 0.6m(1.96') -- Input Power 720 W							
330	396	446	478	458	444	393	327
414	496	561	604	598	569	511	418
477	594	658	697	703	655	592	481
520	628	713	753	749	711	637	512
505	624	701	741	744	706	630	524
467	566	642	676	676	649	581	476
391	478	527	570	571	543	487	396
302	367	418	440	427	419	370	315

Illumination (K Lx) -- Height 0.6m(1.96') -- Input Power 720 W							
21	26	29	31	30	29	25	21
27	32	36	39	39	37	33	27
31	39	43	45	46	43	39	31
34	41	46	49	49	46	42	33
33	41	46	48	49	46	41	34
31	37	42	44	44	42	38	31
26	31	35	37	38	36	32	26
20	24	28	29	28	28	24	21