



# Maestro

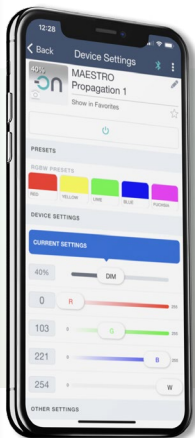
Smart LED Grow Light  
Full Spectrum Tunable  
(MAESTRO-FC-240-84-1-80-SM-1)

## SPECIFICATION SHEET

The Tune Maestro is a smart tunable high-intensity light for greenhouse or indoor horticulture. Tune customizes light layouts, spectrum recipes, lenses to meet "craft" or "value" budgets, PPFD requirements, and to maximize rebates and ROI by significantly eliminating heat from flower cultivation.

**One light. Any spectrum. Any PPFD.  
Any growth stage. Any Budget.**

Optimize plant performance and health by programming light intensity and changing color spectrum at different stages of grow with the Tune Maestro. Adjust light output and color spectra to consistently grow higher quality flower and greater biomass in shorter time.



Tune's proprietary four-channel LED driver controls color wavelengths, individually, making it easy to replicate any spectrum color combination; sunrise, sunset or the high intensity color spectrum and output of noon day sun in fall or spring. Programmable color spectrum and 0-250 dimming has proven to improve vegetative plant health, reduce grow periods, and significantly reduce tons of BTU/hr. that leading HPS and LED lights create.

POWER	BTU-h	W-h	PPF	PPE	Light Spacing	24"		25.5"		27"		28.5"		30"		31.5"		33"		34.5"	
					Above Canopy	36"	24"	36"	24"	36"	24"	36"	24"	36"	24"	36"	24"	36"	24"	36"	24"
70%	274	80	384	2.29	Max PPFD	1275	1292	1141	1157	1019	1056	920	974	836	914	762	858	707	820	655	784
					Min PPFD	593	583	573	575	369	334	750	762	472	461	332	353	542	529	462	467
					AVG PPFD	1192	1205	1064	1079	937	951	882	889	792	800	702	713	664	670	604	611
75%	331	97	436	2.22	Max PPFD	1445	1464	1293	1312	1155	1197	1043	1104	947	1036	864	973	802	930	742	888
					Min PPFD	673	661	650	651	418	378	850	863	535	522	376	400	614	599	523	530
					AVG PPFD	1351	1366	1206	1223	1062	1077	999	1008	897	907	796	808	752	759	685	692
80%	361	106	460	2.18	Max PPFD	1524	1544	1363	1384	1218	1262	1100	1165	999	1093	911	1026	846	980	783	937
					Min PPFD	710	697	686	687	441	399	896	911	564	551	397	421	648	632	522	559
					AVG PPFD	1425	1441	1272	1290	1120	1136	1054	1063	946	956	839	852	794	801	722	730
85%	396	116	486	2.15	Max PPFD	1613	1634	1443	1464	1289	1336	1164	1233	1057	1157	964	1086	895	1037	830	988
					Min PPFD	751	737	725	727	467	422	948	964	597	583	420	446	686	669	587	592
					AVG PPFD	1508	1525	1346	1365	1185	1202	1115	1125	1001	1012	888	902	840	847	768	777
90%	415	122	499	2.13	Max PPFD	1656	1678	1482	1503	1324	1372	1195	1266	1086	1188	990	1115	919	1065	852	1015
					Min PPFD	771	757	745	747	479	433	974	989	613	598	431	458	704	687	604	608
					AVG PPFD	1548	1566	1382	1401	1217	1235	1145	1156	1028	1039	912	926	862	870	788	798
Sea of Green Layout (36"x46") Flower Canopy																					
Min PPFD at outer edge of sliding benches						1400-1600		1300-1400		1100-1200		900-11100		800-900		700-800					
Proprietary 40/60 Lens																					

TUNE ENTERPRISES, INC.

TuneGrowLights.com  
P: (415) 725-6505

2115 South Standard Avenue  
Santa Ana, CA 92707 USA



# Maestro

Smart LED Grow Light  
Full Spectrum Tunable  
(MAESTRO-FC-240-84-1-80-SM-1)

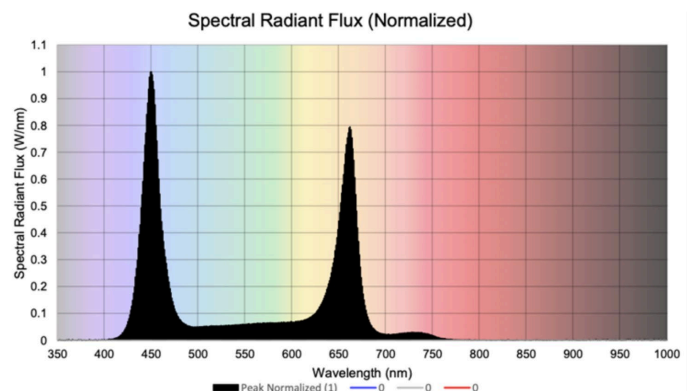
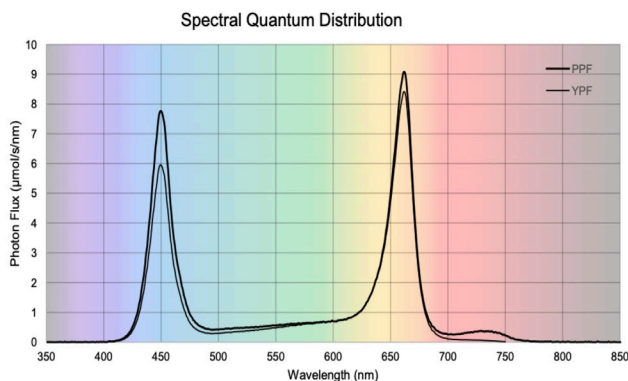
## SPECIFICATION SHEET

### INSTALLATION AND OPERATION:

- 100 - 300 VAC
- 13" tall x 7.5" diameter with AC power supply
- 12 lbs. with AC power supply. 9 lbs. DC.
- Wirelessly control 1000s of lights through the cloud or smart phone with 0 - 250 dimming
- Self-cooling fans create vertical air flow
- 10 year 100,00 hrs. 90% Performance Guarantee - Light
- 5 Year, 50,000 hrs. - Power Supply
- TUV, DLC, IP 67, UL 1376, and DLC 5.0 - Cybersecurity

### ENERGY DATA:

- 240W / Smart Networked Maestro
- **PPE:** (Efficacy): 2.21 Umols
- **PPF:** 2625 Umol/s (5, 240W Maestros 4'x4', 5'x5', 6'x6')
- **PPFD:** Choose from 775-2000 @ 100% power
- **BTU/Hr:** 1400-2000 per 5'x5' @ 70% - 100% power
- Patented Efficient Thermal Management
- Removes 9-16 Tons BTU/hr. / 1K Canopy Sq. ft.
- **Diodes:** Samsung 5K white, blue, red and far red



TUNE ENTERPRISES, INC.

TuneGrowLights.com  
P: (415) 725-6505

2115 South Standard Avenue  
Santa Ana, CA 92707 USA