

# StarLink-1000S

## LED Grow Light

**The StarLink-1000S dimmable LED grow light is a high-intensity, full-spectrum fixture that is designed to cover a 4' x 6' space for full-cycle growth. With the unique design of quadra fold LED grow light, it's cost-effective in shipping and packaging and is an efficient product in the market.**

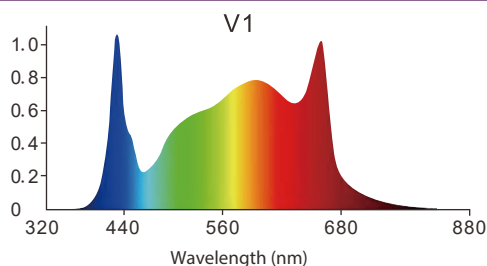
## FEATURES

- Compatible with our controller TSC-2, TSC-1 and 0-10 V dimming controller;
- Wireless connection with controller TSC-2, up to 200 light fixtures can be connected and controlled by one controller TSC-2;
- With the unique design of quadra fold LED grow light, each of the 4 uniform parts can be folded 180°, it's more than 50% cost-effective in shipping and packaging;
- Low power consumption & high energy efficiency, StarLink-1000S LED grow light is composed of the highest output chips, the PPE up to 2.7  $\mu\text{mol}/\text{J}$ , and the PPF up to 2700  $\mu\text{mol}/\text{s}$ ;
- Popular bar-lighting design, evenly covers an area of 6'x4', focused on distributing more light as even as possible across the plant canopy;
- Endless dimming from 20% to 100% that meet the needs of different luminous efficiency output in different growth cycles;
- 180° foldable design, easy to install, just plug & play.

## SPECIFICATIONS

Model	StarLink-1000S
AC Power	1000 W
PPF (Light output)	2700 $\mu\text{mol}/\text{s}$
Efficacy	2.7 $\mu\text{mol}/\text{J}$ @ 277 V AC
Spectrum	V1
Coverage	6'x4'
Dimensions	68.50" x 43.31" x 2.36" L-1740 x W-1100 x H-60 mm
Net Weight	14.85 kg / 32.74 lbs
Input Current	9.5 A ( @ 120 V AC ) 4.9 A ( @ 240 V AC ) 4.1 A ( @277 V AC )
AC Input Voltage	120-277 V AC, 50/60 Hz
Power Factor	> 0.9
Max Operating Temperature	104 °F / 40 °C
Thermal Management	Passive
Dimming	Stepless Dimming from 20% to 100%
Total Harmonic Distortion (THD)	$\leq$ 25%
Lifespan   Warranty	> 50,000 hours   5-Year Standard Warranty

## SPECTRUM



# CONTROL METHOD

## Wireless Connection

It's the best group solution for StarLink-1000S and Master Controller TSC-2. One controller controls 200 light fixtures by wireless and automatic networking.



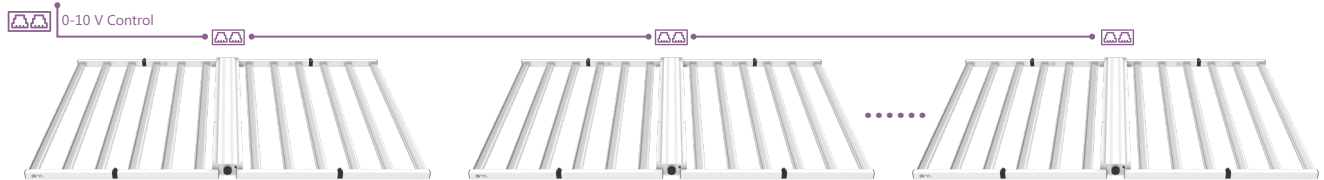
Master Controller TSC-2

## Wired Connection

Our master controller TSC-2 is an ideal recommendation in wired connection.



Master Controller TSC-2



Max 100 Pcs StarLink-1000S

# PPFD (PAR CHART)

1.83M x 1.2M / 6FT x 4FT

919	958	992	997	964	917	941	1017	1065	1041	981	930
1083	1147	1147	1151	1109	1049	1066	1156	1183	1166	1093	1046
1180	1262	1277	1263	1220	1146	1154	1234	1270	1262	1222	1140
1191	1277	1307	1306	1269	1193	1176	1245	1297	1305	1281	1208
1188	1253	1297	1309	1267	1191	1165	1222	1275	1297	1299	1247
1128	1190	1239	1264	1239	1156	1111	1162	1213	1244	1266	1237
1008	1059	1098	1132	1113	1036	984	1046	1049	1099	1141	1121
856	860	915	952	966	913	882	922	947	1004	1022	1001

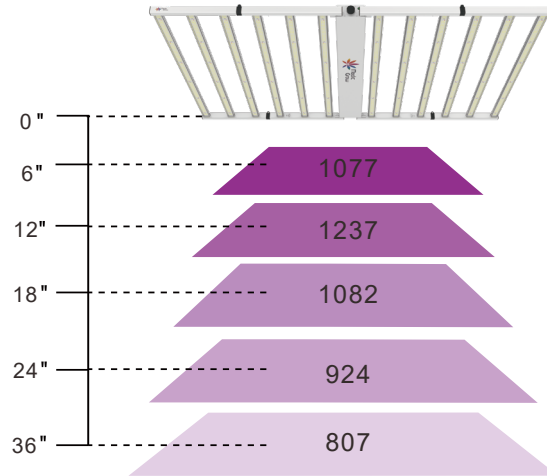
Height=12" / 305 mm  
StarLink-1000S V1 2.7 μmol/J

1.83M x 1.2M / 6FT x 4FT

840	888	933	947	906	881	882	906	914	907	861	811
888	956	984	1003	991	969	977	990	1000	995	948	913
917	993	1034	1054	1052	1041	1042	1050	1054	1044	999	935
950	1015	1060	1087	1085	1077	1078	1084	1085	1074	1030	951
915	1005	1052	1085	1088	1080	1078	1083	1088	1077	1046	856
867	956	1003	1011	1045	1054	1052	1052	1059	1051	1027	956
815	885	936	968	962	983	979	999	998	996	973	904
802	821	865	870	880	888	901	931	955	941	910	856

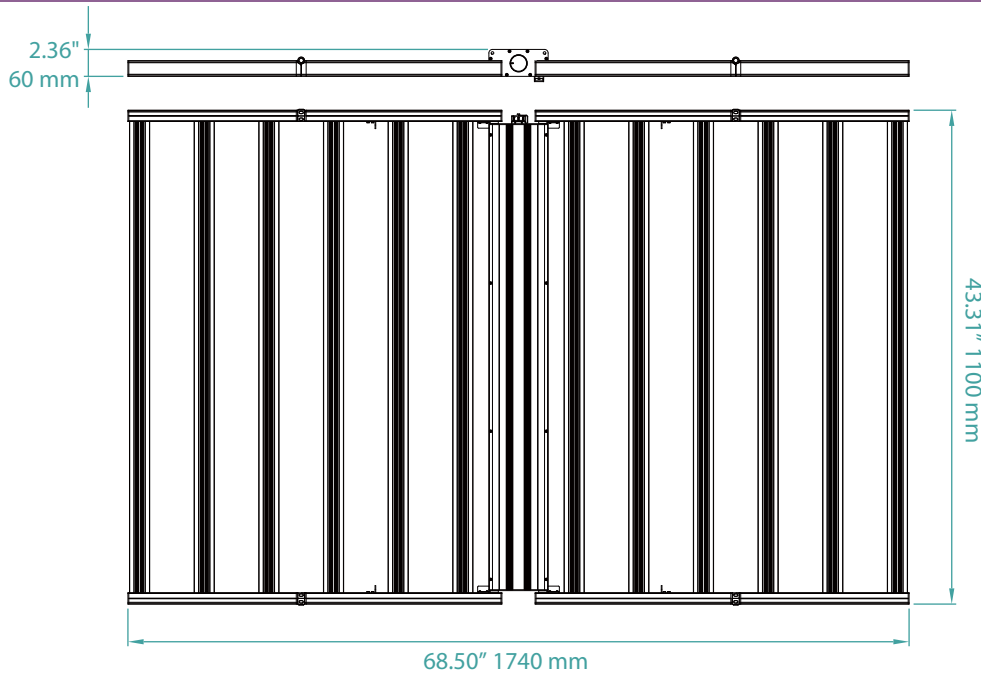
Height=24" / 609 mm  
StarLink-1000S F1 2.7 μmol/J

## PAR VALUE ( $\mu\text{mol}/\text{m}^2/\text{s}$ )



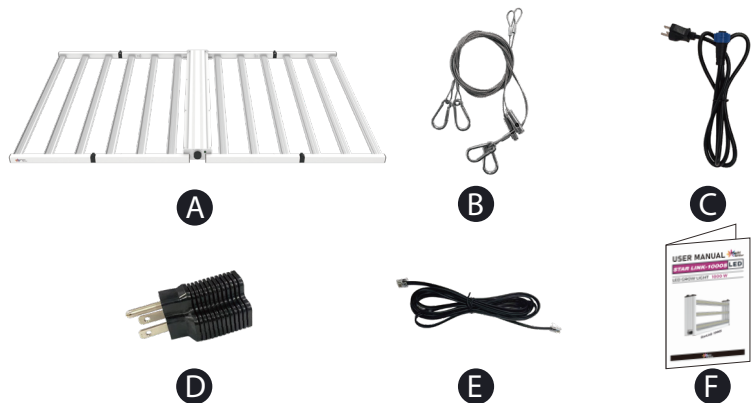
**StarLink-1000S V1 2.7  $\mu\text{mol}/\text{J}$**

## DIMENSIONS & PACKAGING



### CONTENTS

- A. 1 LED Grow Light
- B. 2 Stainless Steel Hanging Kits
- C. 1 Power Cord (6 ft / 180 cm)
- D. 1 Power Adapter
- E. 1 RJ Cord
- F. 1 User Manual



Model	Master carton	G.W
StarLink-1000S	47.24" x 7.68" x 22.24" L-1200 x W-195 x H-565 mm	19.8 kg 43.65 lbs