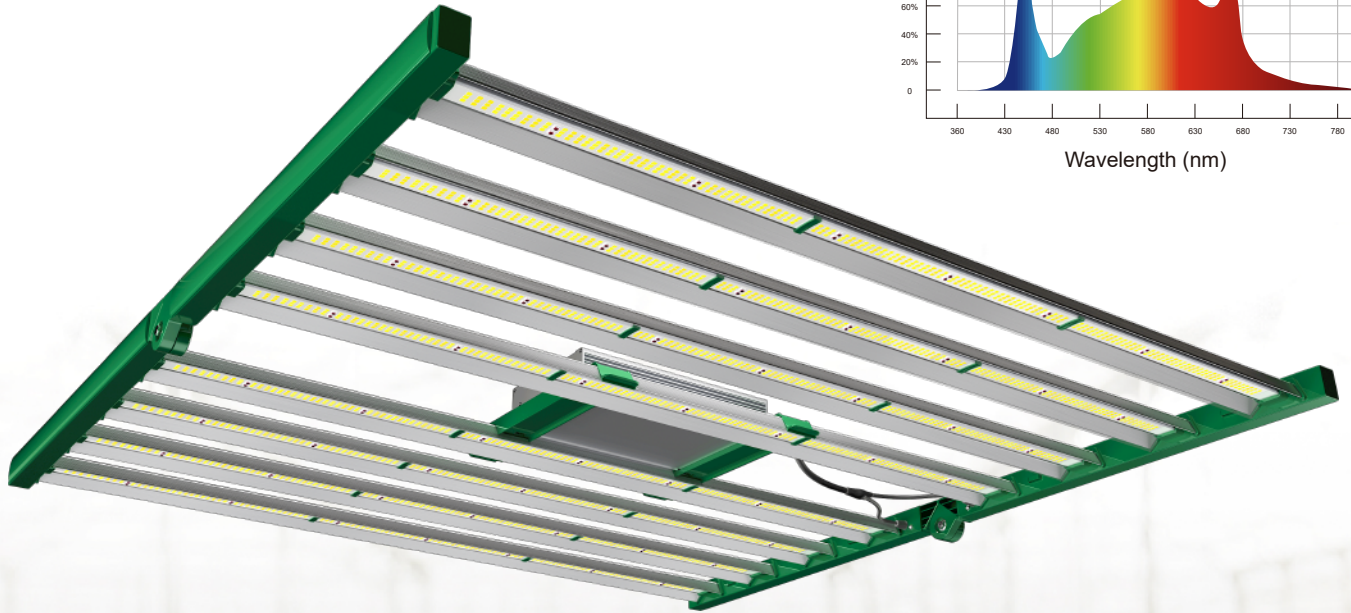
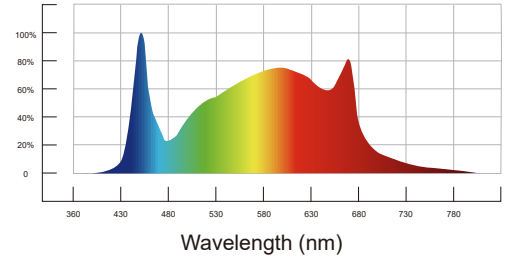


# 1000W LED GROW LIGHT

Model:LZD1000B19



## UDWELLS HORTICULTURAL LIGHTING GOLDEN LED FIXTURE

### PPFD

269	365	466	640	788	1224	788	640	466	365	269
540	1098	1410	1588	1707	1828	1707	1588	1410	1098	540
640	1537	1798	1953	2061	2190	2061	1953	1798	1537	640
732	1774	2164	2254	2342	2380	2342	2254	2164	1774	732
1142	1858	2285	2372	2422	2503	2422	2372	2285	1858	1142
1406	1925	2353	2440	2509	2569	2509	2440	2353	1925	1406
1142	1858	2285	2372	2422	2503	2422	2372	2285	1858	1142
732	1774	2164	2254	2342	2380	2342	2254	2164	1774	732
640	1537	1798	1953	2061	2190	2061	1953	1798	1537	640
540	1098	1410	1588	1707	1828	1707	1588	1410	1098	540
269	365	466	640	788	1224	788	640	466	365	269

1000W PPFD Value at 6"(15cm) Height at 5'x5' Square Grid

368	431	657	694	745	837	745	694	657	431	368
645	872	1096	1141	1190	1294	1190	1141	1096	872	645
802	1179	1415	1529	1560	1705	1560	1529	1415	1179	802
885	1355	1695	1852	1882	1982	1882	1852	1695	1355	885
972	1383	1785	1971	2009	2113	2009	1971	1785	1383	972
1028	1449	1824	2026	2087	2156	2087	2026	1824	1449	1028
972	1383	1785	1971	2009	2113	2009	1971	1785	1383	972
885	1355	1695	1852	1882	1982	1882	1852	1695	1355	885
802	1179	1415	1529	1560	1705	1560	1529	1415	1179	802
645	872	1096	1141	1190	1294	1190	1141	1096	872	645
368	431	657	694	745	837	745	694	657	431	368

1000W PPFD Value at 12"(30cm) Height at 5'x5' Square Grid

391	426	610	741	832	872	832	741	610	426	391
592	921	1067	1128	1196	1312	1196	1128	1067	921	592
752	1058	1149	1226	1319	1539	1319	1226	1149	1058	752
853	1124	1340	1473	1550	1691	1550	1473	1340	1124	853
785	1152	1415	1585	1694	1834	1694	1585	1415	1152	785
851	1249	1520	1676	1779	1910	1779	1676	1520	1249	851
785	1152	1415	1585	1694	1834	1694	1585	1415	1152	785
853	1124	1340	1473	1550	1691	1550	1473	1340	1124	853
752	1058	1149	1226	1319	1539	1319	1226	1149	1058	752
592	921	1067	1128	1196	1312	1196	1128	1067	921	592
391	426	610	741	832	872	832	741	610	426	391

1000W PPFD Value at 18"(45cm) Height at 5'x5' Square Grid

444	507	734	777	825	914	825	734	507	444	
701	875	1037	1093	1149	1267	1149	1093	1037	875	701
816	1023	1113	1197	1254	1438	1254	1197	1113	1023	816
869	1086	1236	1345	1410	1560	1410	1345	1236	1086	869
951	1116	1292	1425	1504	1655	1504	1425	1292	1116	951
1005	1175	1324	1473	1571	1697	1571	1473	1324	1175	1005
951	1116	1292	1425	1504	1655	1504	1425	1292	1116	951
869	1086	1236	1345	1410	1560	1410	1345	1236	1086	869
816	1023	1113	1197	1254	1438	1254	1197	1113	1023	816
701	875	1037	1093	1149	1267	1149	1093	1037	875	701
444	507	734	777	825	914	825	734	507	444	

1000W PPFD Value at 24"(60cm) Height at 5'x5' Square Grid

# FEATURES

## LED HORTICULTURAL LIGHTING SERIES

The LED horticultural lighting series product offers a high efficacy system and full flexibility; in addition, adapt our innovative cloud based monitoring system Algro, users could remotely monitor and control the lighting system, it's true intelligent, and will dramatically simplify your daily work loading.

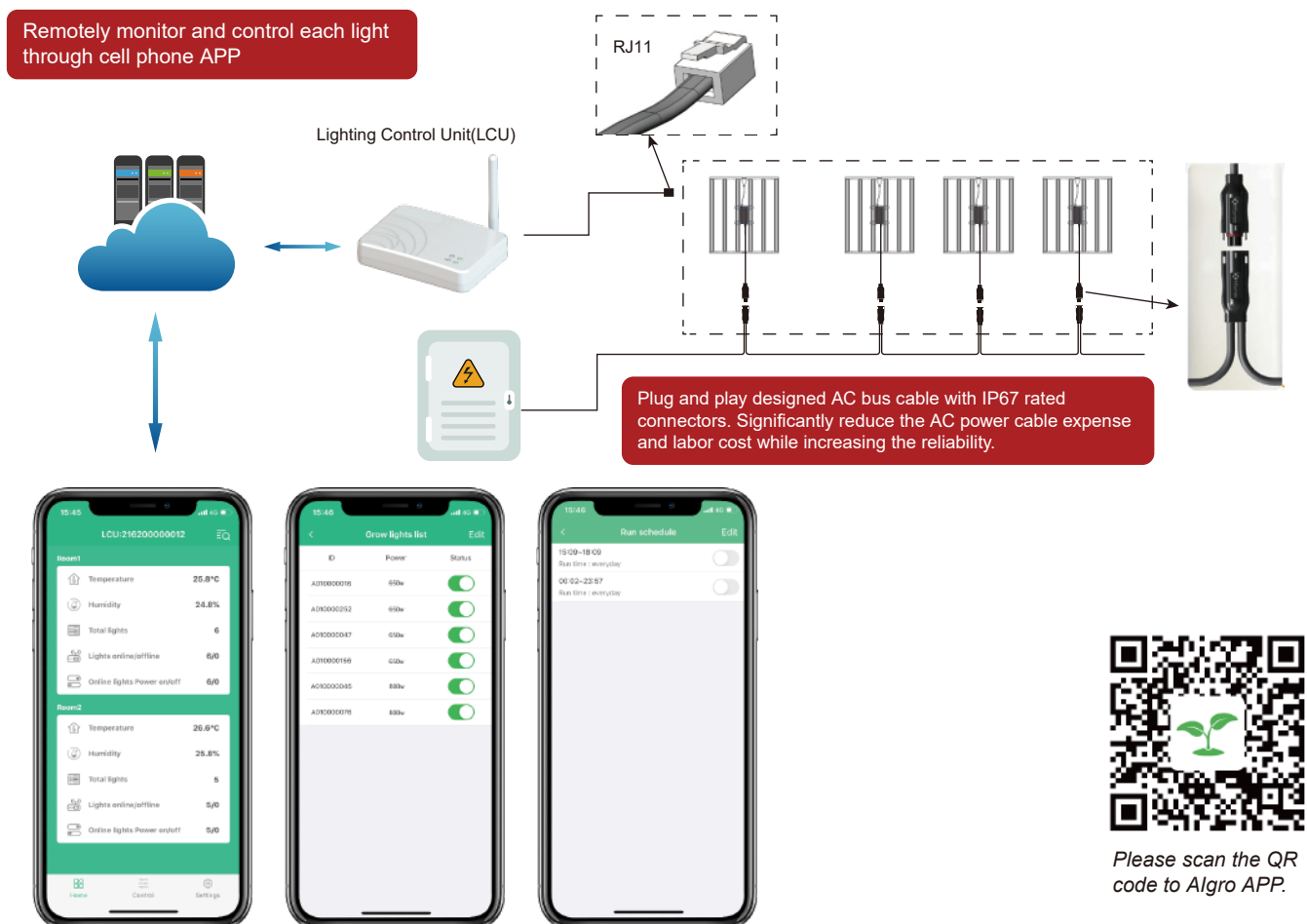
### KEY FEATURES

- With ultra-thin and folding design, easy transportation and installation
- Optimized spectrum proven by growers for veg and flowering
- Scientifically engineered to maximize photosynthesis, growth, and yield
- Superior delivered PPF and PAR and up to 50% energy saving compared to 1000W HPS
- High efficiency and long lifespan
- Innovative cloud based Algro APP to realize remotely monitor and control each single lighting device.
- Innovative AC bus cable designing, plug and play, avoid repetitive AC cabling, reduce the cable cost and simplify the labor while increase reliability

### AGRO CLOUD MONITORING SYSTEM

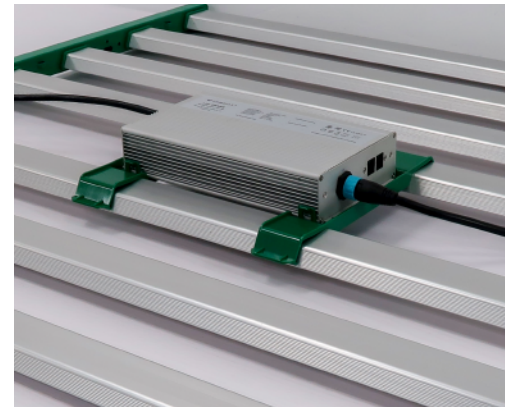
By integrating Power Electrics, IoT and AI technology, our Algro smart agriculture solution is innovative, efficient, and easy to install, helping you achieve higher yields and lower maintenance cost. Algro system provide remote monitor the lights status, one-key power On/Off, dimming, lighting schedule, event alarm, diagnosis and environment sensor functions, Empowering smart agriculture.

## SYSTEM WIRING DIAGRAM

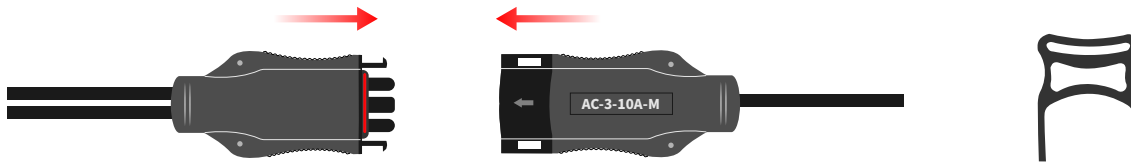


## SPECIFICATIONS

Model	LZD1000B19
Light Source	LED
Spectrum	Full Spectrum
Input Power	1050W
Input Voltage	120-277 VAC
Input Frequency	50/60 Hz
Power Factor	>0.95
Output Power	125W*8 bars
PPF	2900 $\mu\text{mol/s}$
Efficacy	2.9 $\mu\text{mol/J}$
LED Brand	SUMSUNG
Light Distribution	120°
Lifetime	50000Hrs
Operating Temperature	-25°C~45°C/-13~113°F
Remote Monitor and Control	Algro APP
Water Proof Rate	IP66
Dimensions	1250×720×120mm
Weight	15Kg
Warranty	5 Years
Compliance	ANS/CAN/UL8800/DLC/FCC/IC



## BUS CABLE CONNECTORS



Plug and play designed AC bus cable with IP67 rated connectors. Significantly reduce the AC power cable expense and labor cost while increasing the reliability

## PACKAGE

