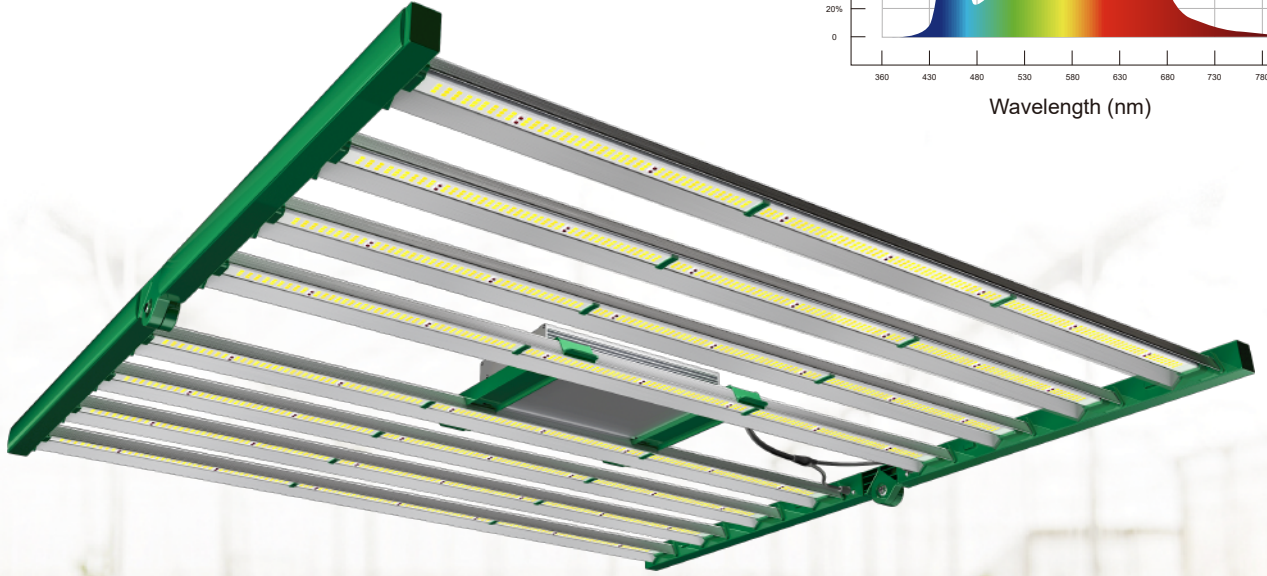
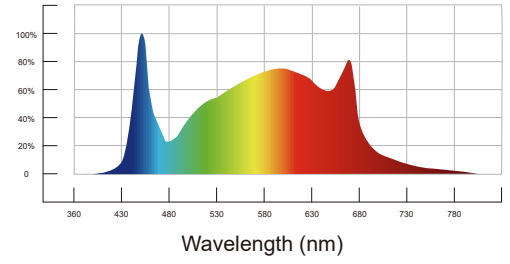


800W LED GROW LIGHTS

Model:LZD0800B19

-  120-277V
-  No Flicker
-  Full Spectrum
-  Dimmable Option
-  50000h
-  For Indoor
-  120°



This LED has a full spectrum array specifically engineered for vegetative and flower cycles.

PPFD

150	263	386	564	675	718	675	564	386	263	150
382	883	972	1014	1114	1173	1114	1014	972	883	382
655	1186	1267	1385	1466	1581	1466	1385	1267	1186	655
846	1345	1667	1726	1782	1868	1782	1726	1667	1345	846
1021	1390	1760	1837	1907	1999	1907	1837	1760	1390	1021
1051	1467	1806	1901	1974	2047	1974	1901	1806	1467	1051
1021	1390	1760	1837	1907	1999	1907	1837	1760	1390	1021
846	1345	1667	1726	1782	1868	1782	1726	1667	1345	846
655	1186	1267	1385	1466	1581	1466	1385	1267	1186	655
382	883	972	1014	1114	1173	1114	1014	972	883	382
150	263	386	564	675	718	675	564	386	263	150

800W PPFD Value at 6"(15cm) Height at 5'x5' Square Grid

119	179	246	279	288	307	288	279	246	179	119
218	337	561	606	655	759	655	606	561	337	218
340	644	881	994	1025	1170	1025	994	881	644	340
423	820	1161	1317	1347	1448	1347	1317	1161	820	423
463	848	1250	1436	1474	1578	1474	1436	1250	848	463
493	914	1289	1491	1553	1621	1553	1491	1289	914	493
463	848	1250	1436	1474	1578	1474	1436	1250	848	463
423	820	1161	1317	1347	1448	1347	1317	1161	820	423
340	644	881	994	1025	1170	1025	994	881	644	340
218	337	561	606	655	759	655	606	561	337	218
119	179	246	279	288	307	288	279	246	179	119

800W PPFD Value at 12"(30cm) Height at 5'x5' Square Grid

81	139	207	260	302	323	302	260	207	139	81
88	154	245	340	370	447	370	340	245	154	88
249	468	557	589	708	874	708	589	557	468	249
336	647	843	914	1014	1137	1014	914	843	647	336
386	696	930	1025	1142	1261	1142	1025	930	696	386
456	760	1009	1096	1198	1294	1198	1096	1009	760	456
386	696	930	1025	1142	1261	1142	1025	930	696	386
336	647	843	914	1014	1137	1014	914	843	647	336
249	468	557	589	708	874	708	589	557	468	249
88	154	245	340	370	447	370	340	245	154	88
81	139	207	260	302	323	302	260	207	139	81

800W PPFD Value at 18"(45cm) Height at 5'x5' Square Grid

92	118	144	279	290	309	290	279	144	118	92
101	132	214	300	330	398	330	300	214	132	101
181	379	466	510	640	806	640	510	466	379	181
281	571	745	792	893	1005	893	792	745	571	281
332	629	799	906	1018	1114	1018	906	799	629	332
412	704	885	972	1075	1154	1075	972	885	704	412
332	629	799	906	1018	1114	1018	906	799	629	332
281	571	745	792	893	1005	893	792	745	571	281
181	379	466	510	640	806	640	510	466	379	181
101	132	214	300	330	398	330	300	214	132	101
92	118	144	279	290	309	290	279	144	118	92

800W 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.

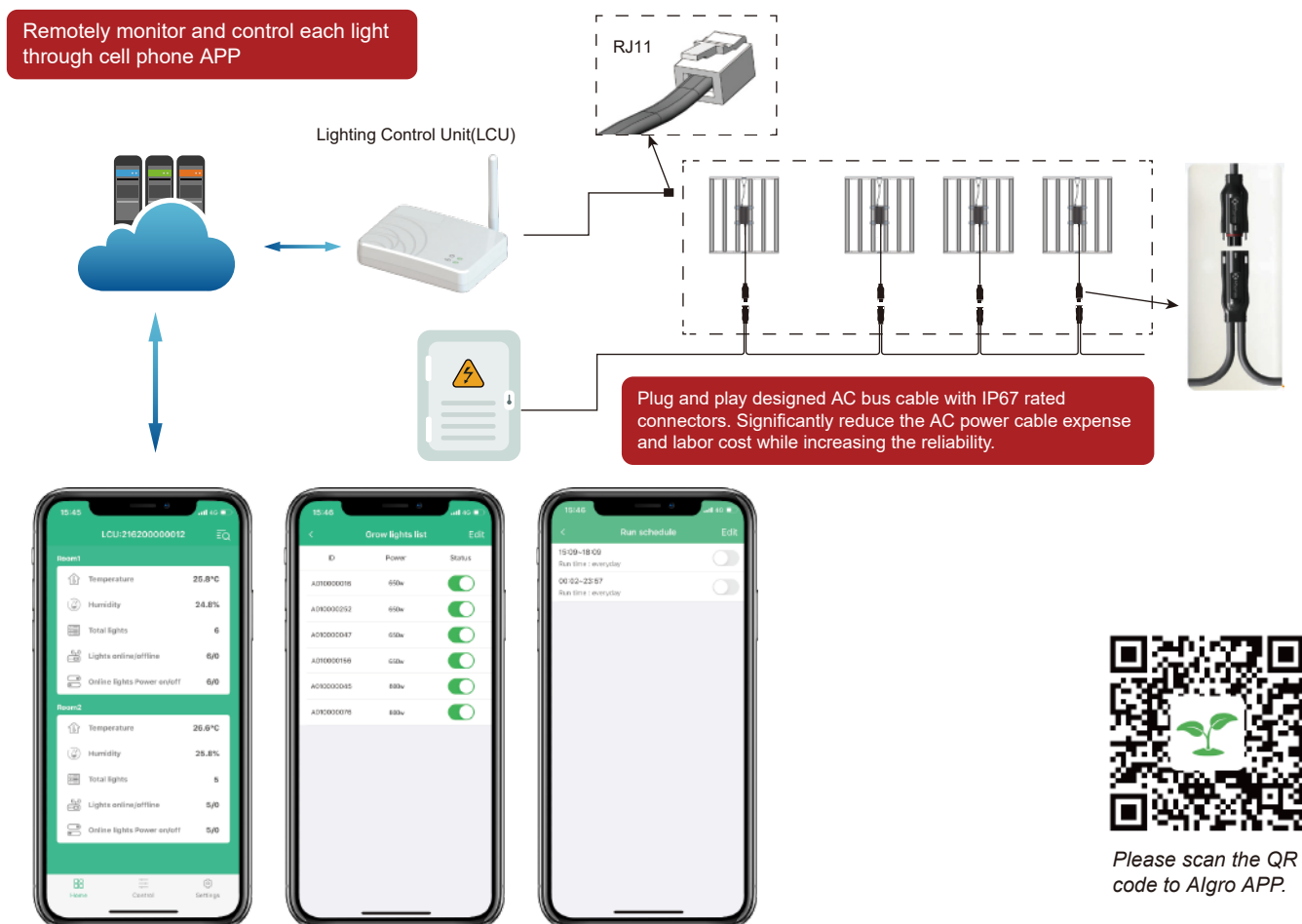
KEY FEATURES

- 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

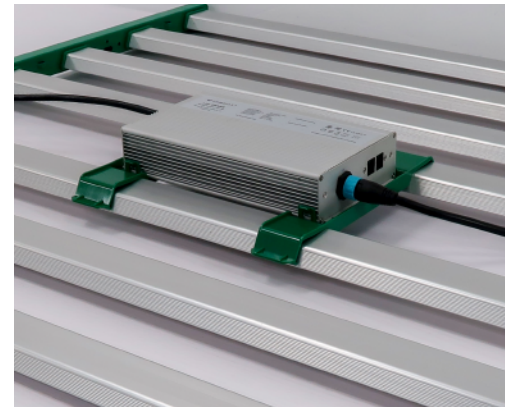
By integrating Power Electrics, IoT and AI technology, our Algro smart agriculture solution is innovative, efficient, and easy to install, helping you achieve higher yields and lower maintenance cost. Algro system provide remote monitor the lights status, one-key power On/Off, dimming, lighting schedule,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

SYSTEM WIRING DIAGRAM

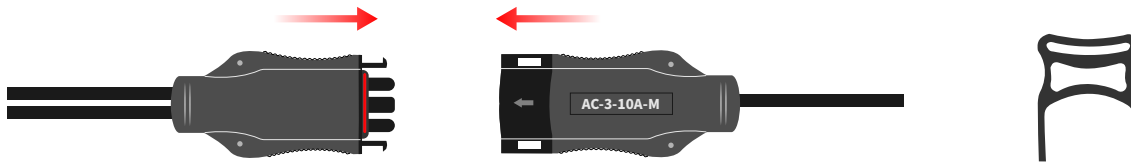


SPECIFICATIONS

Model	LZD0800B19
Light Source	LED
Input Power	Full Spectrum
Input Voltage	800W
Input Frequency	120-277 VAC
Power Factor	50/60 Hz
Output Power	>0.95
PPF	100W*8 bars
Efficacy	2320 $\mu\text{mol/s}$
Spectrum	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

