LED GROW LIGHT SPECIFICATION

AN-GL630W-A/B
Over 2.5μmol/s/w

AOK®
Quality, Honesty, Service and Innovation

APPLICATIONS

High efficiency supplemental lighting for indoor and outdoor plant growth. Suitable for tomatoes, cucumbers, peppers, cannabis, roses and other plants.

SPECIFICATION FEATURES

1. Powerful and energy-efficient: Lower energy operating cost compared to metal-halide and sodium lamps.
2. Evenly distributed light, great for maximizing coverage.
3. Cool operating temperature for easy management of ambient air temperature control.
4. Made with Aluminum PCB with high thermal conductivity to disperse heat.
5. Passive cooling so no extra noise.
6. With full spectrum Cree chip, red/blue ration 0/10, 87.5/12.5, 85/15, 80/20 optional. (mimics sunlight)**
7. High performance and high efficiency over 2.5μmol/J
8. APP Intelligent Control.

wifi

smart phone remote control

ETL LISTED

SPECIFICATION FEATURES
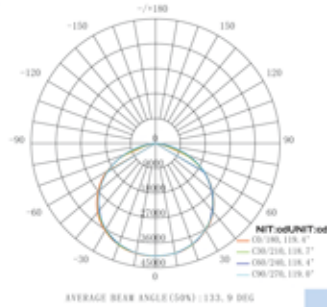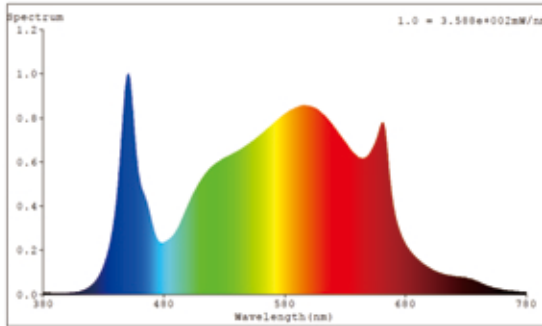
PAR TABLE OF DIFFERENT INSTALLATION HEIGHT

AN-GL630W-A/B

number	12ft	16ft	20ft	24ft	28ft	32ft	36ft	39ft
1	182	211	200	187	184	179	170	157
2	421	369	299	294	270	249	236	205
3	450	411	383	341	306	299	250	222
4	424	382	344	309	284	258	228	203
5	229	224	220	212	199	188	166	155
6	323	336	303	273	259	238	219	195
7	713	597	517	437	382	336	296	259
8	763	665	565	496	432	380	324	284
9	722	613	519	458	399	346	297	262
10	327	358	329	316	277	251	218	196
11	365	350	328	301	280	254	235	211
12	738	643	562	484	424	370	322	278
13	808	716	628	547	477	411	349	306
14	775	662	578	407	437	376	319	285
15	410	366	361	333	315	258	231	200
16	327	350	278	259	250	221	206	181
17	687	643	494	431	371	331	298	253
18	748	716	561	491	428	372	318	282
19	717	662	512	450	395	339	293	261
20	410	366	331	310	278	249	219	206
21	174	299	176	176	153	160	147	130
22	372	586	303	288	255	239	213	184
23	410	658	342	335	304	271	235	215
24	385	603	312	306	276	251	223	208
25	217	371	201	213	190	183	171	160
合计PAR	12097	12157	9646	8654	7825	7009	6158	5521
平均PAR	483.88	486.28	385.84	346.16	313	280.36	246.32	220.84
PAR效率	19.20159	19.29683	15.31111	13.73651	12.42063	11.1254	9.774603	8.763492

Coverage area PAR map (4X4ft / 3X3ft / 2X2ft)

PARAMETER TABLE

Item Description	AN-GL630W-A	AN-GL630W-B
Input voltage [Vac]	100-277Vac	
Driver	Isolated	Non-isolated
Input current [A]	2.86@220v	
Input wattage [W]	630±10%	
Input frequency [Hz]	50/60	
Power factor	≥0.96@220v	
Voltage [V]	108v	
Current (Reference) [A]	5.4	
Wattage (Reference) [W]	580±10%	
Luminous flux [lm]	84528	
CCT [K]	3800K	2700K
CRI [Ra]	87	
Flux of emitted phothons [μmol/s]	1600	
PPFD [PAR]	484(H30cm)	
Beam angle [L, V]	120D	65D
LED chip	Dacol chip	CREE chip 3030
Average life [h]	50,000+	
Color	R20%, G76.5%, B3.5% @ 3800K	
Environment	Wet	
Storage Environment	-40℃~85℃ RH10%-95%	
Ambient temperature	-25℃~40℃	
Function	Zigbee Dimming	

DIMENSIONS

INSTALLATION

Leveling screw

Fig. 1   Fig. 2   Fig. 3
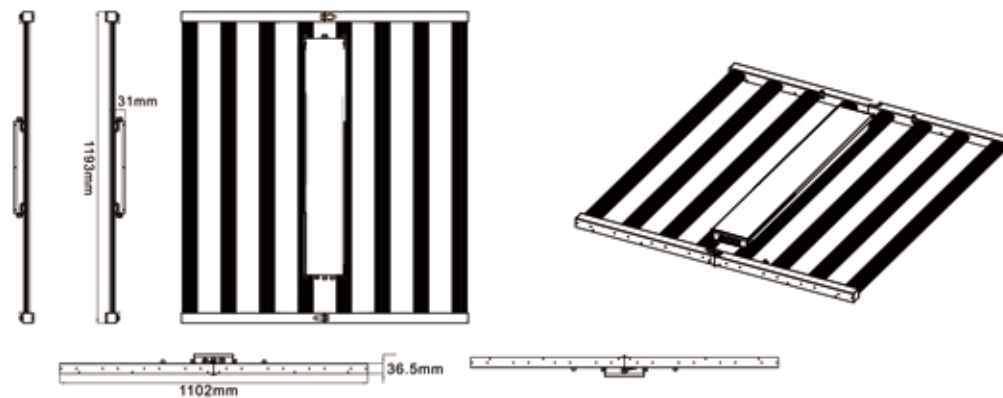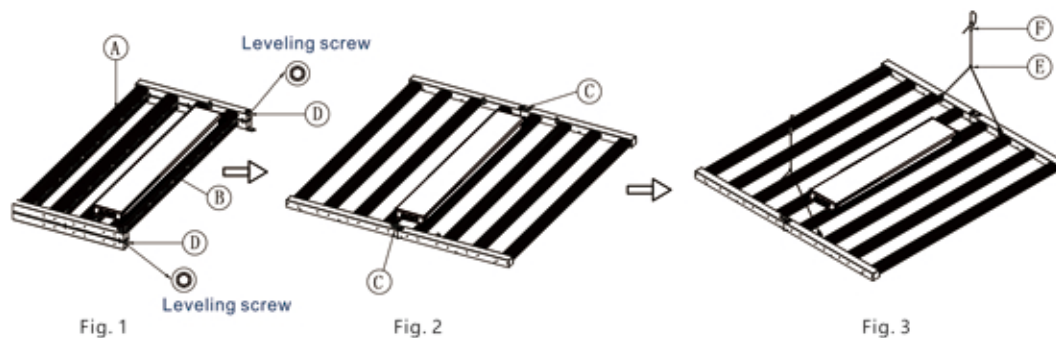
Step 1:Take out the whole light and hanging rope(2pcs).(Fig. 1)

Step 2:Open and keep it on a clean surface,use Ⓓ to make both sides basically straight
and then fastened the clasp.(Fig.2)

Step 3:Replace the electronic box in the middle,fasten the bolt.

Step 4:Fasten hanging rope E to the holes at the both sides of light,and fix installatio end
to the load-bearing body,then adjust installation height through F.(Fig.3)