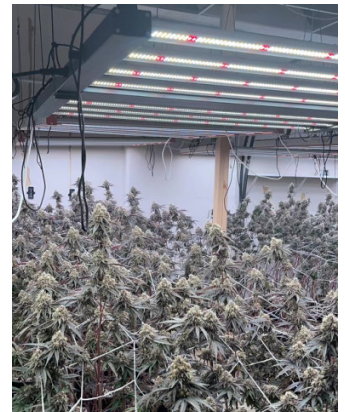# 1000W LED GROW LIGHT-FOLDABLE

4X6FT

● Features:

- **SLT PRIVATE MOULD**
- Color: Full spectrum white light+ 660nm Red light + 460nm Blue light +730nm Red light, mainly for cannabis/hemp lighting.
- High quality SOSEN Driver
- Wide input voltage AC100-277V dimmable
- Best heat sink to get the best heat dissipation
- Easy to install and operate
- Energy saving, Instant start, NO flickering, NO humming, long service life, increase hemp output.
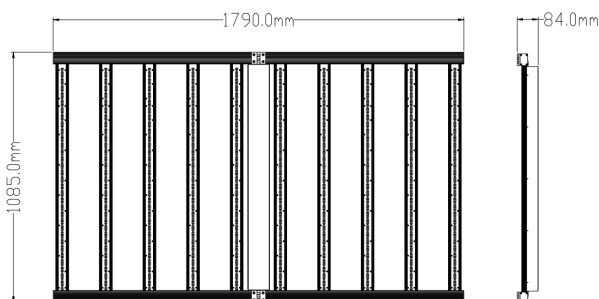- 3 years warranty

Applications:
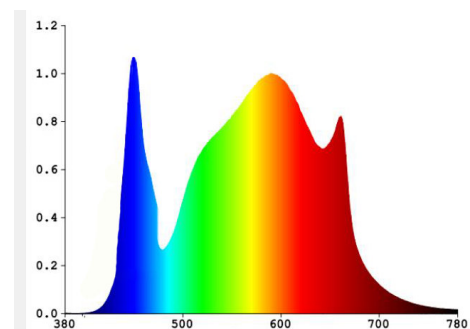● Mainly used for indoor hemp/Cannabis/Marijuana lightings.

LED GROW LIGHT

● Product Specifications:

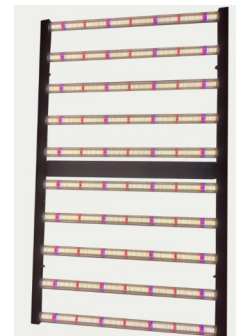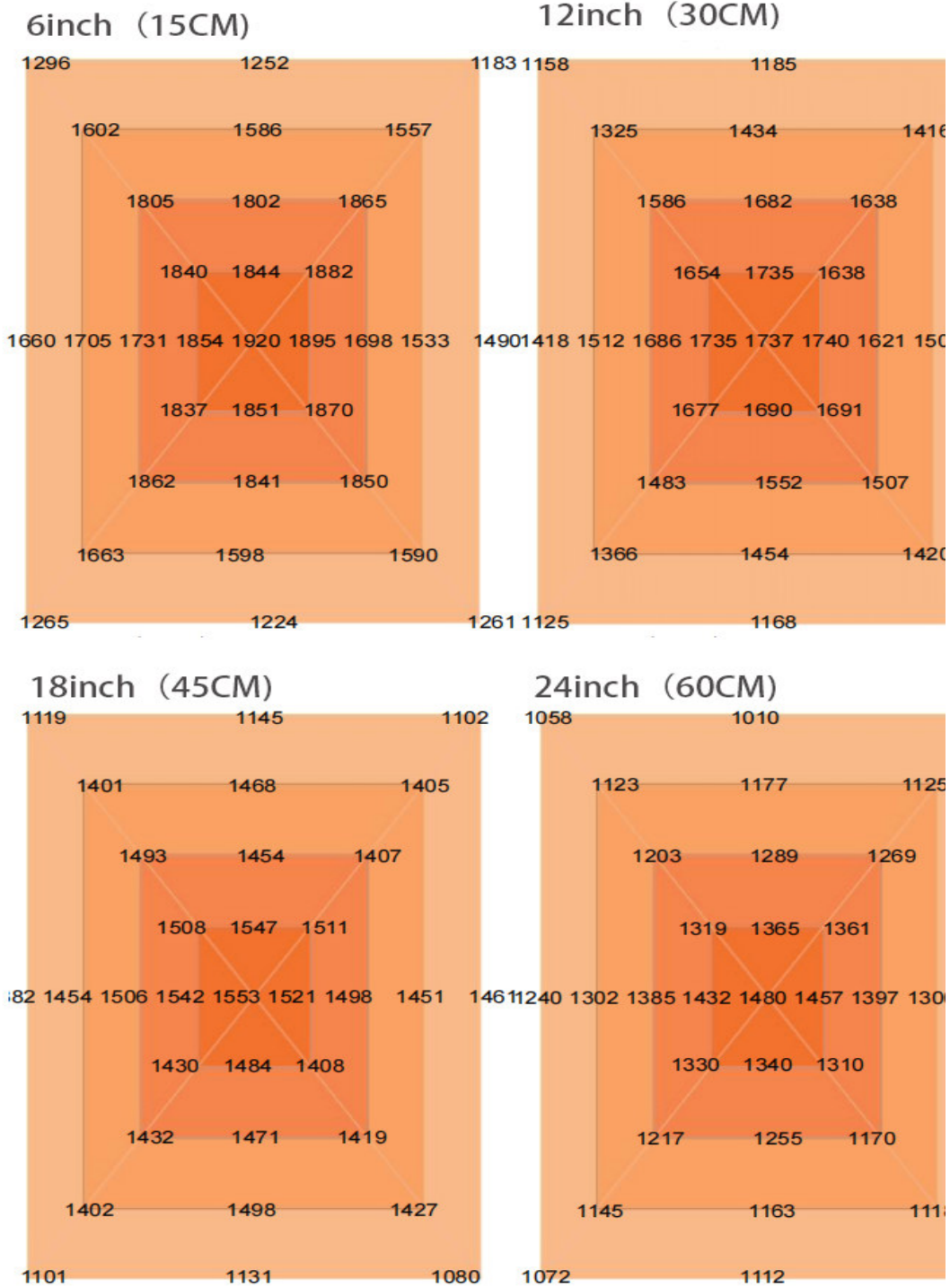| Product Name	1000W LED Grow Light			
Model number	**STG-1000W-D-D3**			
Power	1000W			
Input voltage	100-277VAC 50/60Hz			
LED Brand	Samsung chip (540pcs per bar) & 10bars			
LED Driver	High quality SOSEN UL/CUL Driver			
Lumen	160,000LM			
Lumen efficiency	160LM/W			
CRI	>75			
PPF (380-780nm)	2900µmol/S			
EFF	2.9µmol/J			
Color	Full spectrum white light+ 660nm Red light + 460nm Blue light +730nm Red light			
Coverage	6ft×10ft			
Mounting height	≥ 6" (15.2cm) Above canopy			
Supplementation time	12-16H/day			
Protection level	>0.95			
Lamp size	1085*1790*84mm			
Housing color	Black, with 2M USA plug			
Material	Aluminum			
IP	IP54 (Indoor using)			
Lifespan	>50,000H			
Working Temperature	-37°C~+55°C			
Operating Humidity	<95%			
Storage Temperature	-40°C~+80°C			
G.W	22.8kg/pc			
Package	114*13*98.6 cm			
Input voltage:	120 Volt	208 Volt	220 Volt	240 Volt	277 Volt
Input current at 100%:	8.333Amps	4.807Amps	4.545Amps	4.166Amps	3.610Amps
Input power at 100%:	1000 W	1000 W	1000 W	1000 W	1000 W

● Dimension(mm)

● Spectrum

PPFD Distribution:

6inch（15CM）

1296	1252	
1602	1586	1557
1805	1802	1865
1840	1844	1882
1660 1705 1731 1854	1920 1895	1698 1533
1837	1851	1870
1862	1841	1850
1663	1598	1590
1265	1224	

12inch（30CM）

1183 1158	1185	
1325	1434	1416
1586	1682	1638
1654	1735	1638
1490 1418 1512 1686	1735 1737	1740 1621 150
1677	1690	1691
1483	1552	1507
1366	1454	1420
1261 1125	1168	

18inch（45CM）

1119	1145	1102
1401	1468	1405
1493	1454	1407
1508	1547	1511
82 1454 1506 1542	1553 1521	1498 1451
1430	1484	1408
1432	1471	1419
1402	1498	1427
1101	1131	1080

24inch（60CM）

1058	1010	
1123	1177	1125
1203	1289	1269
1319	1365	1361
1461 1240 1302 1385	1432 1480	1457 1397 130
1330	1340	1310
1217	1255	1170
1145	1163	111
1072	1112	

LED GROW LIGHT

LED GROW LIGHT Installation Instruction

Notes before Installation

1、Be careful to open the carton, contact us if any damage.

2、Non-professional technicians, please do not repair or modify this product without authorization.

3、Please turn off the power before installation to avoid improper operation.

4、To ensure the lifetime of the product, please do not use it in a place with strong acid mist.

5、Please check whether the voltage marked on the luminaire is consistent with the input voltage to be connected, so as not to damage the LED luminaire.

6、Make sure the installation position can withstand 10 times the weight of the luminaire before installation and install it at a flat place without vibration, no swing, no fire hazard.

Electrical Parameter

Input Voltage : 100-277V AC.

Power Cord : Connect the plug to the power source.

Application

It is professional used for hemp/cannabis/Marijuana lighting.

Application Environment

1、Humidity : ≤95%.

2、Air Pressure : 90-106 Kpa.

Package

1、LED Grow Light.

2、Installation Instruction.

3、Lifting rope.

4、220V USA Plug.

5、RJ12 port cable

Shipping and Warehousing

1、Please do not shake it too much during transportation, handle carefully when unloading.

2、Recommended to be stored in a warehouse of -10~ +60 ℃ and keep the warehouse dry.

Installation Instruction

1、Hanging the lamp on the ceiling or other secure places with lifting rope.

2、 Connecting the wires from driver to the lamp,
Note: the connector male plug arrow is aligned with the female plug arrow.

3、Connecting the plug to the socket, connect the plug to the power source.

4、Please tear film before lighting up.(Not used when there is no PC cover)

5、Choosing dimmer knob or RJ12 port with control panel to dim as your specific applications. Turning the dimmer knob to zero and when you hear the voice of "click"is switching to Rj port function.

6、The RJ12 port can be connected to the controller for linkage dimming

LED GROW LIGHT