

Lightera®

— Member of Sanan —



LED Grow Light

Horticulture LED Solutions



Brand Position



Energy saving

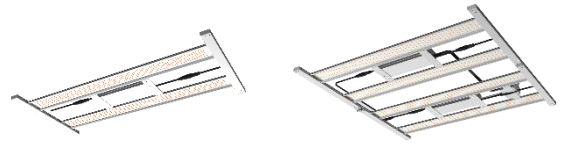


Service attitude



Team work

Toplight-Square



Product Information

Lightera develop GL fixtures to maintain high standards in quality, efficiency and return on investment. The LED market is becoming more mature. grow light adopts a foldable structure design, which can effectively protect the lamp beads and is easy to install.

Features

- ✓ 2.7 umol per joule efficiency
- ✓ Delivers 15% more light to the plant canopy while using 35% less power than a 1000W DE fixture
- ✓ Tailored spectrum produces desirable crop traits 11 year diode life operating 12 hours per day.
- ✓ 5 year warranty
- ✓ Highly reflective panels redirect photons back to canopy to increase PPFD by 2% versus bar style fixtures
- ✓ Strategic diode placement increases uniformity of light delivery to canopy
- ✓ Growth Light Output Control to precisely control PPF output when paired with controller
- ✓ Low profile maximizes vertical growing space with remote capable drive
- ✓ 100-227V Driver options
- ✓ Zero maintenance

Life time

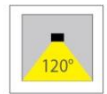


50000H

5 YEARS



Beam angle



120°

Dimmer inside



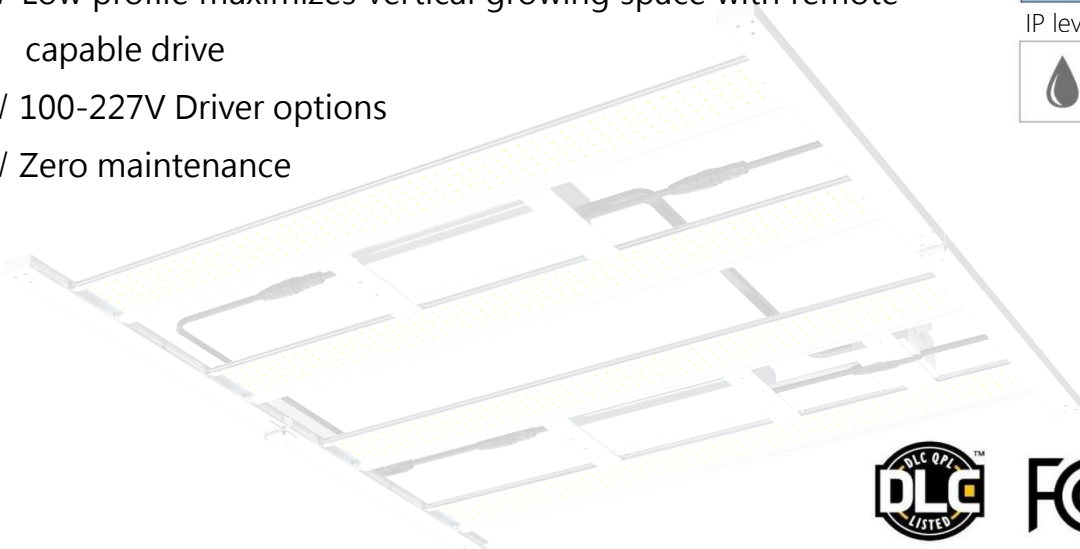
Instant on



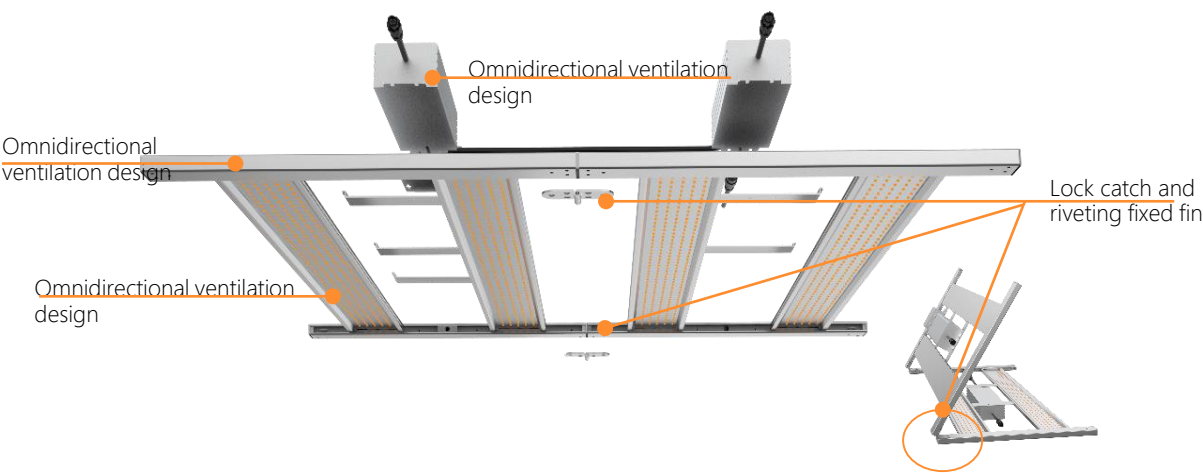
IP level



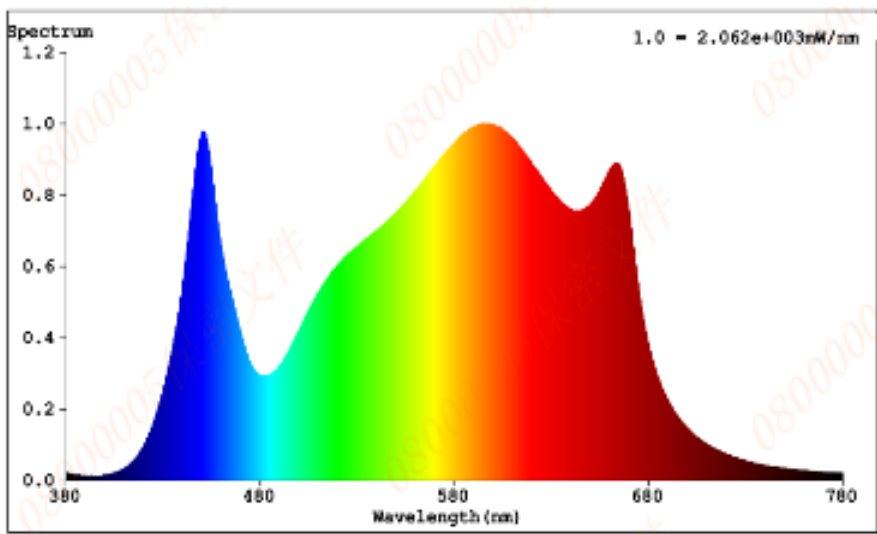
IP54



Exploded Drawing



Spectra



SP Spectrum / Application :

Spectrum indoor is efficient for rapid growing of marijuana’s full phase,
Spectrum indoor is higher in red spectral content than Spectrum outdoor .

Parameter

Technical specifications(Ta=25°C)

Model	N680S7-D-K62-30
Spectrum	SP
Light Output PPF	1870umol/s
Efficacy@120V AC	2.75umol/J
Input Power@120V AC	680W
Weight	9.9kg
AC Input Voltage	100-277V, 50/60Hz
Thermal Management	Passive
Dimming	0~10V / Source
Power Factor	≥0.9
THD	≤10%
Beam angle	120°
Ambient Temperature	-20°C~40°C
IP Rating	IP54
Average Lifespan Ta25°C	>50,000 hours
Warranty	5 years
Standard	CSA,ROHS

*Note : 1) PPF tolerance ±5%.
2) The above data are tested by Sanan instruments.

Nominal Electrical AC Input*

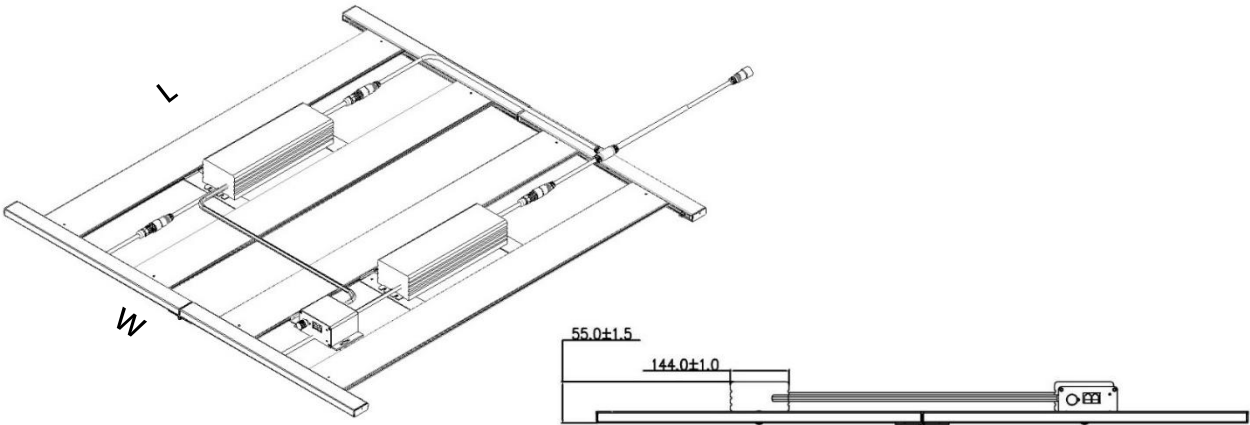
AC VOLTAGE	120V	208V	220V	230V	240V	250V	277V
AC Current	5.851A	3.315A	3.132A	2.996A	2.88A	2.77A	2.515A
AC Power	705W	683.5W	682.2W	681.6W	681.9W	681.7W	681W
Power Factor	0.999	0.992	0.99	0.988	0.986	0.984	0.977

*Note : At 77 °F(25°C) ambient temperature

*Please contact your representative to order products that don’ t have order codes listed here or any info required

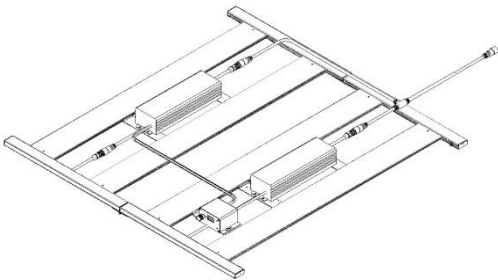
*Due to continuing product improvements, Lighting reserves the right to change the specifications without notice.

Product Dimension

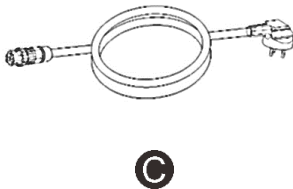
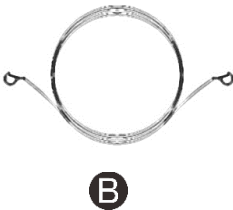


Item	Watts @Max	Dimension(L*W*H):mm		
N680S7-D-K62-30	680W	1000.5	998	55

Parts List



- A: Square-fixture
B: Steel wire (x4)
C: 10 F AC cable (x1)



Caution

- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and recycle or dispose of packing material properly.

Wiring diagram

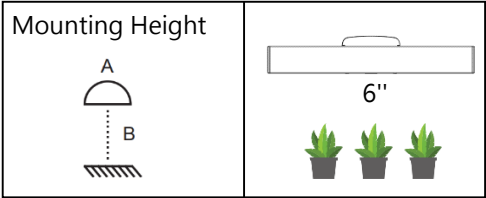
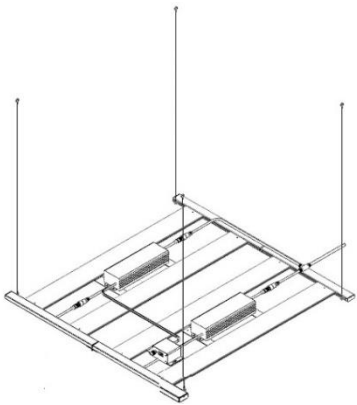
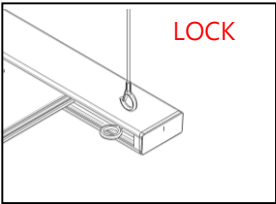
Cautions:

Before installation, be sure to cut off electricity to avoid electric shock. This is one end wiring LED grow light light with build-in driver. Powered by the voltage labeled on the LED grow light , no need to add other drivers.

Operation Notes :


For use with a generator, line conditioning equipment to control input voltage must be used in order to avoid damage to fixture. Product is not designed to use with residential power strip. Failure to observe these warnings will result in void of warranty. Contact us for more information. Clean with a damp microfiber cloth.

Lamp adjustment



*Mount the light bars at least 6" from the top of your canopy for optimal light efficiency and uniformity. Always allow for adequate ventilation of fixture. The rope ratchet kit provided with luminous.


Notice: 1F\3F No Fixed power




WARNING – POSSIBLE RISK OF INJURY TO EYES AND SKIN

Hazardous optical UV, HEV, and IR radiation may be emitted from the light source. Always wear personal protective equipment ensuring complete shielding of skin and eyes. Avoid prolonged exposure and looking directly at light source.


Cable Harnesses Type



110~120V



208~240V



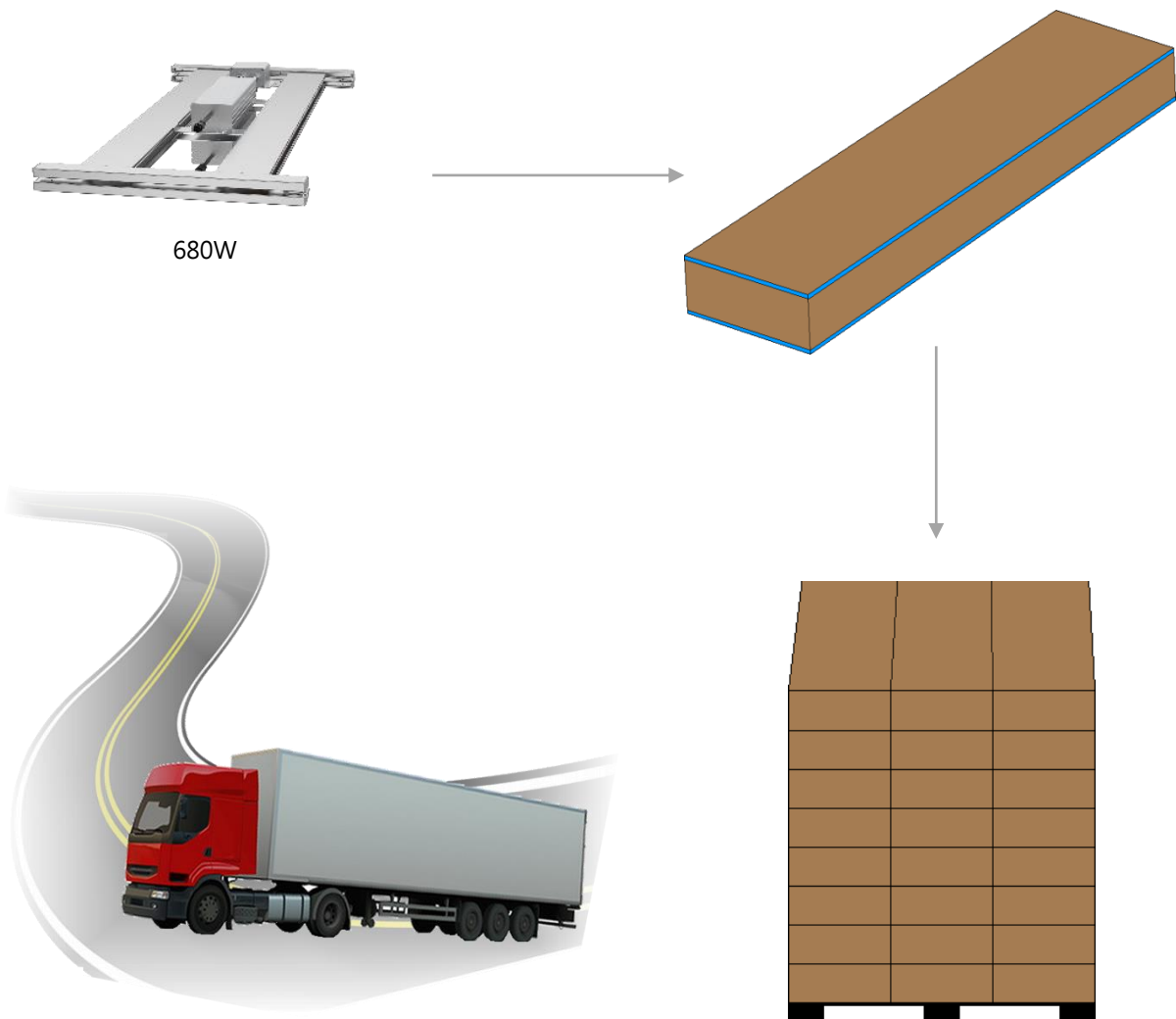
277V

APPLICATIONS:

- Vegetable and fruit planting
- Flower cultivation
- City farming



Package



Part No.	Q' ty /CTN	Outer Carton Size(mm)	N.W./kg	G.W./kg
N680S7-D-K62-30	1	1060*560*150	10.16kg	11.89kg

Remark: the data is estimated and just for reference