NANOLUX

Horticultural Lighting
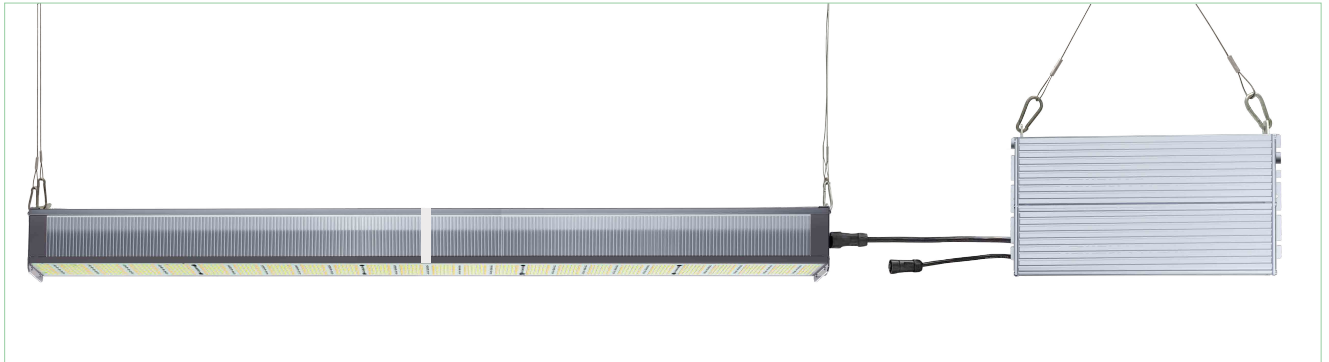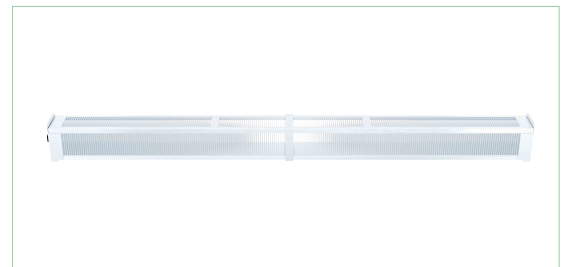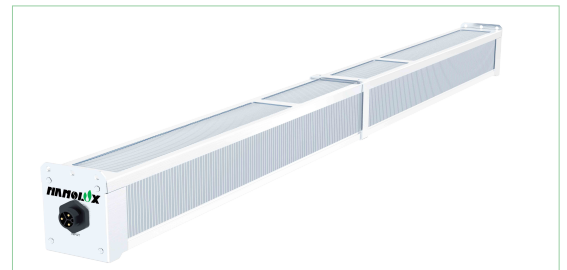**If Nanolux doesn't make it**
You don't need it

LED Top Lighting 630W

- ☑ **Light weight and compact design**
- ☑ **Two or more spectrums available for options**
- ☑ **Wide input voltage 90V-528V**
- ☑ **Cost efficiency**
- ☑ **0-10V wired lighting control**

Features

• Light weight and compact design

The net weight of the fixture is 6.5KG, the lightest weight compared with that from competitors. The fixture size is 118x10x8cm that can ensure no shield of sunlight to the plants in greenhouses, maximizing PPF from the sunlight.

• Ultra wide input voltage meets needs in all applications

The input voltage 90-305V is mainly used in home grow and indoor commercial facilities and the input voltage 315- 528V is used in outdoor greenhouse.

• Two or more light spectrums available for options

Full spectrum & Red is a good choice throughout full cycle of plant growth, seeding, vegetation and flowering in indoor facilities. Full spectrum & Blue is an ideal formula used in veg and flowering stage in outdoor greenhouses. Special spectrum can be customized as per specific needs.
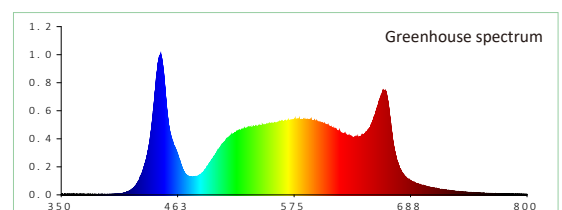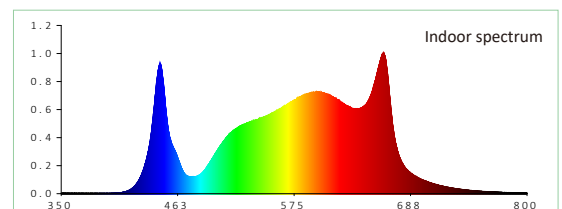
• IP65 ensures water proof, moisture proof & dust proof

No matter in indoor commercial facilities or in outdoor greenhouses, the environment is always at high temperature or high moisture. As a commercial grow lighting solution, IP65 is essential and necessary for grow lights to undergo tough environment.

• 0-10V dimming makes centralized control available

Control module in the fixture can make the group lighting control ON/ OFF available along with 20%~100% precise dimming adjustment.

Spectrum

Indoor spectrum

Greenhouse spectrum

NANOLUX

**Horticultural Lighting
If Nanolux doesn't make it
You don't need it**

Specifications

Model code	NB-LED tb 630W Fixture
Product code	80.01.0282(spectrum for outdoor)/80.01.0289(spectrum for indoor)
Input power	630W
Input voltage	AC 90-305V/315 - 528V
Dimming	0-10V
Light output PPF	1800 µmol/s
Efficiency	3.0 µmol/J
Input frequency	50/60Hz
Light distribution	120°
Mounting height	>18" (45.7cm) above canopy
Operating temperature	0°C~35°C
Operating humidity	0~95%
Thermal management	Passive
Power factor	> 0.97
Total harmonic distortion	< 10%
Requirement of installment	Comply with DLC/ETL/CE/EAC/FCC certificate
Lifetime L90	> 50,000hrs
IP rating	IP65
Product dimensions	LED Bar 118x10x8cm LED Driver 32x17x6cm
Product weight	LED Bar 6.5KG LED Driver 3.0KG
Packaging method	LED Bar Carton Box/2PCS LED Driver Carton Box/6PCS
Packing dimensions	LED Bar 122.5x22.5x10.5cm/Carton LED Driver 36x33.5x21cm/Carton
Gross weight	LED Bar 14.1KG/Carton LED Driver 22.1KG/Carton
Number of containers (LED Bar)	20GP: 1300 Carton 40GP: 2820 Carton 40HQ: 3420 Carton
Warranty	3 years standard warranty
Region applied	USA, Canada, Australia, EU, Russia, etc.
Industry applied	Grow lighting, Greenhouse

Nominal Electrical Ac Input*

AC VOLTAGE	120V	208V	230V	277V	347V	400V	480V
AC Current	5.43A	3.06A	2.76A	2.28A	1.87A	1.61A	1.34A
AC Power	652W	636W	635W	631W	648W	645W	644W
Power Factor	0.99	0.99	0.99	0.98	0.99	0.99	0.97

At 25°C (77°F) ambient temperature

Product size

9.7"(17cm)   12.6"(32cm)   46.5"(120cm)   3.5"(8.5cm)