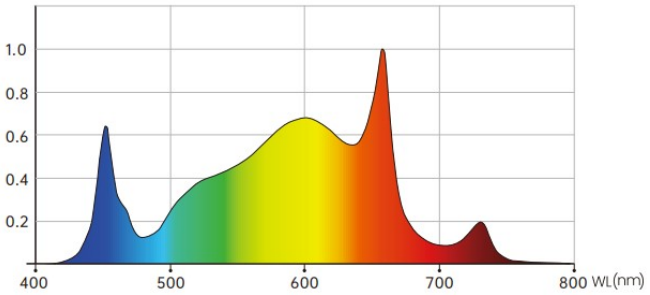
MANOLUX ILLUMINATE YOUR GROW | PROFESSIONAL GROW LIGHTS

PRODUCT SPECIFICATION
SubRay 120W Pro

FEATURES

- The V-shaped PCBA and LED layout design enable the fixture to have a wider beam angle, up to 150°
- IP65 waterproof rating
- High-proportion 660nm deep red light boosts photosynthesis, enhancing cannabis growth and yields.
- Flexible Adaptation & Easy Adjustment: Three-stage height adjustment meets diverse application scenarios.
- DEEPLOCK™ Quad-Lock System, featuring a buckle, enables ultra stable daisy chain splicing with precision locking for unmatched stability and durability.
- Single line connected in series to 23 units(Max)

SPECTRUM GRAPH(SPD)



*Customized spectra are available.

SPECIFICATIONS

CERTIFIED MODEL	LEDex-F120
PRODUCT CODE	80.01.0481
INPUT POWER	120W
PPE(400-700nm)	3.0 μmol/J @ 240VAC
PP F(400-700nm)	360 μmol/s @ 240VAC
DIMMING	0-10V
DAISY CHAIN	23units @277VAC;20units @240VAC;17units @208VAC
INPUT VOLTAGE	AC 208V-277V
LIGHT BEAM ANGLE	150°
OPERATING TEMPERATURE	-20℃~35℃
OPERATING HUMIDITY	0~95%
HEAT DISSIPATION METHOD	Active cooling
POWER FACTOR	≥0.97
TOTAL HARMONIC DISTORTION	≤15%
CERTIFICATES	ETL / FCC / EAC / CE / DLC / ROHS
LIFETIME L90	≥ 50,000hrs
IP RATING	IP65
PRODUCT DIMENSIONS	1155x92x102mm / 45.5x3.6x4 in
PRODUCT WEIGHT	2.5 KG
PACKAGING METHOD	Cowhide box/1 PCS Light Fixture;Carton box/6 Cowhide box
PACKAGING DIMENSIONS	Cowhide box:46.1x3.8x4.2 inch(1170x97x107mm) ; Carton box:46.7x8.3x13.6 inch(1185x210x346mm)
GROSS WEIGHT	18 KG(Carton box)
LOADING QUANTITY	20GP:329 CTNS/1974 PCS ; 40HQ:782 CTNS/4692 PCS
STANDARD WARRANTY	5 years

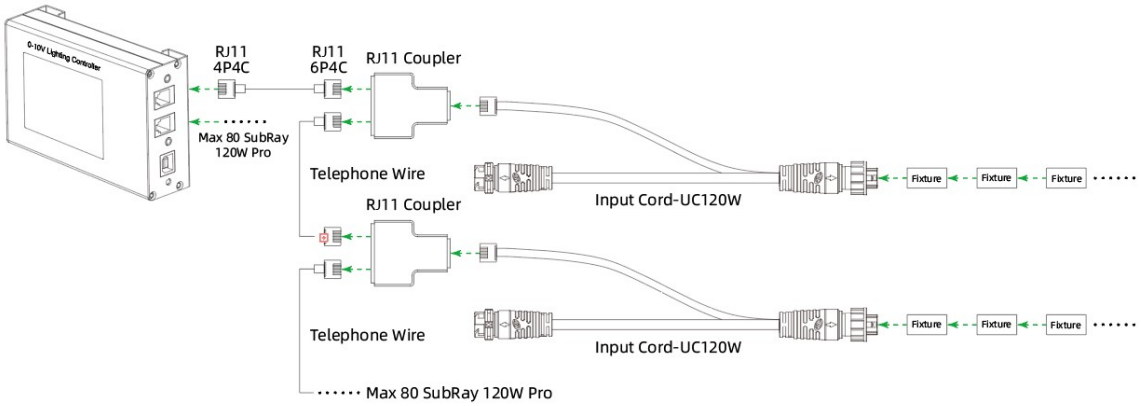
AC INPUT*

NOMINAL AC INPUT*

AC VOLTAGE	208V	240V	277V
AC CURRENT	0.58A	0.51A	0.43A
AC POWER	121W	120W	119W
POWER FACTOR	0.98	0.98	0.98

*At 25℃ (77° F)Ambient Temperature

DAISY CHAIN QUANTITY



ASSEMBLY INSTRUCTIONS

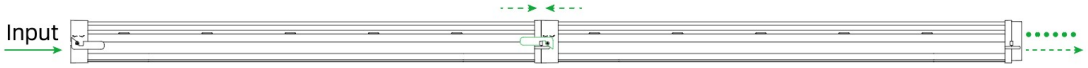
Series Combination:

1. Fix the fixtures at the positions where they are to be installed.
2. When combining the fixtures in series, butt the male and female connectors. Then, use the additional metal buckles to fasten and secure the connection between the fixtures tightly, and finally tighten the last end cap.additional metal buckles to fasten and secure the connection between the fixtures tightly, and finally tighten the last end cap.

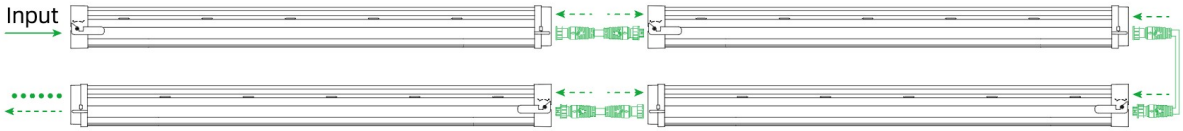
DAISY CHAIN QUANTITY			
AC Voltage	208V	240V	277V
Quantity	17	20	23

Note: The last end needs to cover for safe.

Method 1: Direct Connect



Method 2: Connect with 120W UC Daisy Cord



ACCESSORIES (OPTIONAL:All cords and accessories sold separately)

Nanolux SubRay 120W Pro

End Cap | Manual Operating Manual

Nanolux SubRay Stands Sold Separately

Power Cord Sold Separately

Input Cord-UC120W

Telephone Wire

RJ11 Coupler

120W UC Daisy Cord 1/3/6 Meter

AC Input Nema Adapter Cord