

# PRODUCT SPECIFICATION

## Orion Pro 450W-VEG



### FEATURES

- 3-Channel Spectrum Control.
- Foldable Structure for Efficiency, 40% smaller package, cuts shipping costs.
- All-in-One Integrated Power Design, Hidden cables for sleek look & professional install.
- VEG Spectrum + Extended UV/FR Coverage.
- Efficiency is up to 2.9  $\mu\text{mol}/\text{J}$ , energy saving.

### BENEFITS

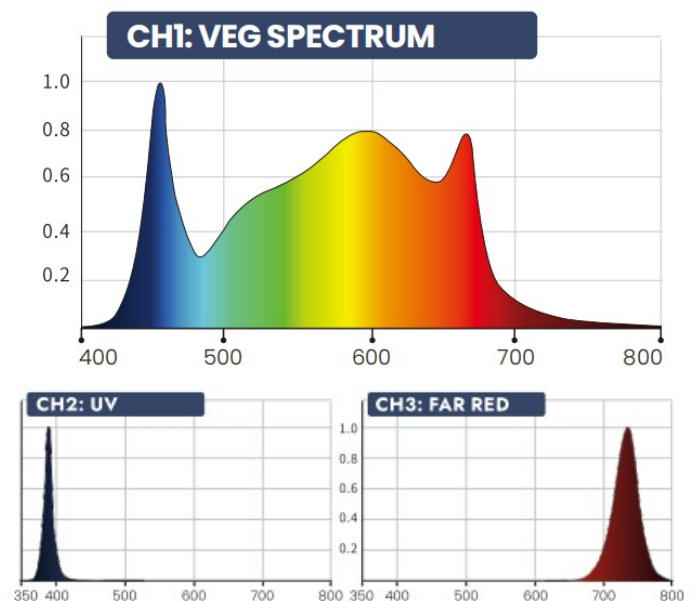
#### 1.3-Channel Spectrum Control

- Adjust red/blue/white channels separately.
- Supports both DIY enthusiasts and commercial growers in tailoring light recipes for germination/vegetative/flowering phases.

#### 2. VEG Spectrum + Extended UV/FR

- 400-700nm PAR with 280-400nm UV & 730nm FR.
- Boosts advanced cultivation techniques.

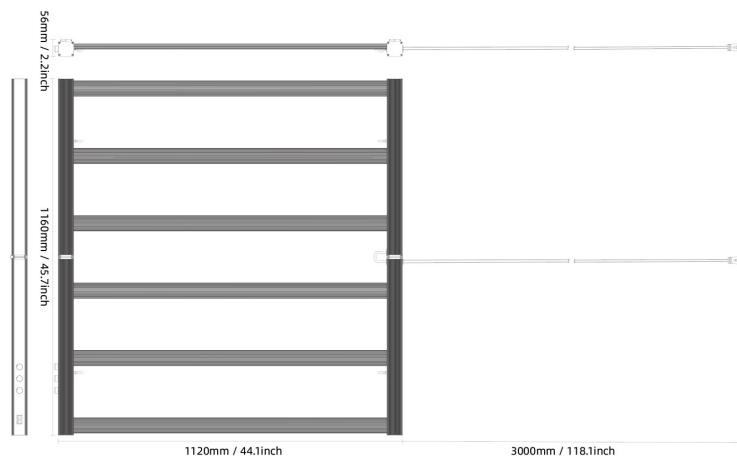
### VEG SPECTRUM&UV&FR



## SPECIFICATIONS

CERTIFIED MODEL	LED AS400V
PRODUCT CODE	80.01.0459
INPUT POWER	CH1:VEG Spectrum 400W max;CH2:UV 20W max;CH3:Far Red 30W max
PPE(400-700nm)	2.9 μmol/J (@ 240VAC&CH1)
PP F(400-700nm)	1160 μmol/s (@ 240VAC&CH1)
DIMMING	Manual Knob & 0-10V
DAISY CHAIN	YES
INPUT VOLTAGE	AC 208V-277V
LIGHT BEAM ANGLE	120°
OPERATING TEMPERATURE	-20°C~35°C
OPERATING HUMIDITY	0~95%
HEAT DISSIPATION METHOD	passive cooling
POWER FACTOR	≥0.97
TOTAL HARMONIC DISTORTION	≤15%
CERTIFICATES	ETL/CE/FCC/DLC/ROHS/EAC
LIFETIME L90	≥ 50,000hrs
IP RATING	IP65
PRODUCT DIMENSIONS	1120x1160x56mm / 44.1x45.7x2.2 in
PRODUCT WEIGHT	6.7 KG
PACKAGING DIMENSIONS	1170x140x635mm / 46.1x5.5x25 in
GROSS WEIGHT	9 KG
LOADING QUANTITY	20GP:237 CTNS / 40HQ:624 CTNS
STANDARD WARRANTY	5 years
APPLICABLE REGIONS	Indoor or greenhouse

## PRODUCT DIMENSIONS



**PROFESSIONAL  
GROW LIGHTS**

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Nanolux Catalog