

ZEUS 600W PRO 3.1

The ZEUS 600W PRO 3.1 is a powerful horticulture LED lighting fixture made for hobby and professional grow systems. This fixture has been reoptimized to deliver more light quantity, light quality and turn full cycle grows easier than ever. Equipped with highly efficient light-emitting diodes, the new ZEUS is built for maximum yields and quality crops.



GROW OPTIMAL

BY REQUESTING
A LIGHT PLAN & REPORT



LUMATEK

PROFESSIONAL LIGHTING

3.1 EFFICACY
 $\mu\text{mol}/\text{J}$

1990 PPF
 $\mu\text{mol}/\text{s}$



LVD
CERTIFIED

PLUG & PLAY

CONTROL TECHNOLOGY

5 YEAR WARRANTY



RoHS

EMI SUPPRESSION & EMC CERTIFIED

IP65

DESIGNED & ENGINEERED BY LUMATEK IN THE UNITED KINGDOM



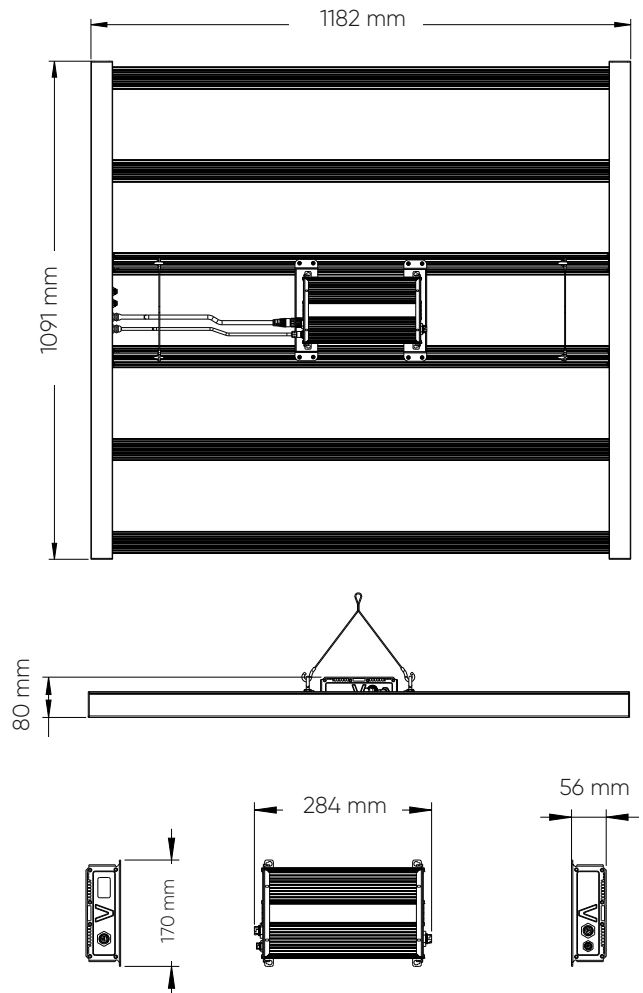
LUMATEK

PROFESSIONAL LIGHTING

ZEUS 600W PRO 3.1 LED

PRODUCT SPECIFICATIONS

PRODUCT CODE LUMLED029
LIGHT DISTRIBUTION 120°
LIGHT SOURCE SAMSUNG LM301H EVO | OSRAM 4.24
INPUT VOLTAGE 220-240 V AC, 50/60 Hz
INPUT POWER 640 W (± 5%) @ 230 V AC
EFFICACY 3.1 μmol/J @230 V AC
PPF 1990 μmol/s
FOOTPRINT 1.5 x 1.5 m
POWER FACTOR 0.98
DIMMING DIMMER (INCL.) OFF-25-50-75-100%
EXTERNAL CONTROL CONTROL PANEL 2.0
OR UNIV. CONTROL 0-10 V
NET WEIGHT 13.5 Kg
DIMENSIONS 1182 x 1091 x 81 mm
SPECTRUM FULL SPECTRUM
THERMAL MANAGEMENT PASSIVE
LIFETIME L90 > 60000 hrs
CCT 3600 K
QUANTITY OF LED BARS 6
QUANTITY OF DIODES 2880 WHITE | 72 RED
IP RATING IP65
BTU 2201 BTUs/h
BTU (DRIVER REMOTE) 2047 BTUs/h
WARRANTY 5 YEARS
CERTIFICATIONS CE, EMC, LVD



INPUT POWER [W] AND CURRENT [A] PER DIMMING RANGE

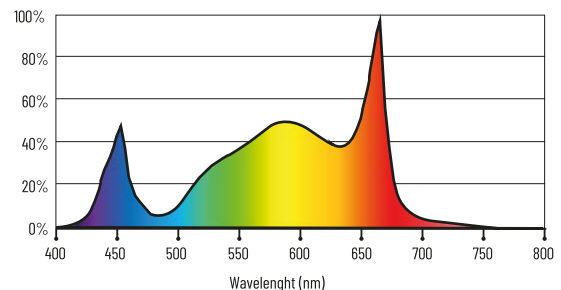
@ 230 V

DIMMING	INPUT POWER [W]	INPUT CURRENT [A]
100%	640	2.71
75%	485	2.05
50%	320	1.35
25%	160	0.78

ITEMS INCLUDED IN THE BOX

6 X LUMATEK 100W PRO 3.1 FULL SPECTRUM BARS
1 X LUMATEK 600W PRO 3.1 FRAME
1 X LUMATEK 600W PRO DRIVER
1 X LIGHT DIMMER (OFF-25-50-75-100%)
2 X METAL CABLE HANGERS
1 X MANUAL

SPECTRA

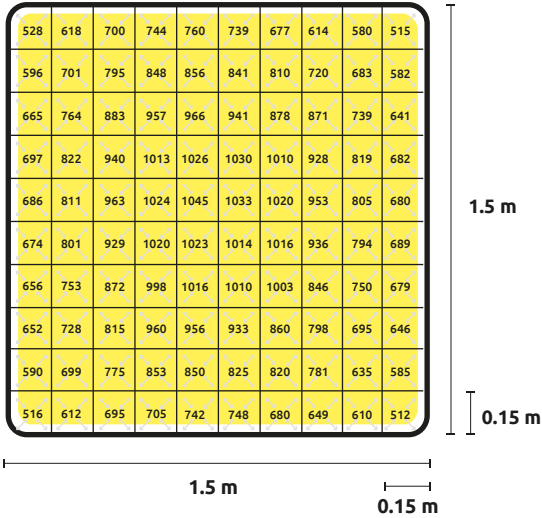


AVAILABLE PARTS

LUMM0034 EU LED POWER PLUG CABLE
LUMM0015 DAISY-CHAIN 5 M CONTROL CABLE
LUMM0016 LED 5 M EXTENSION CABLES 2.0

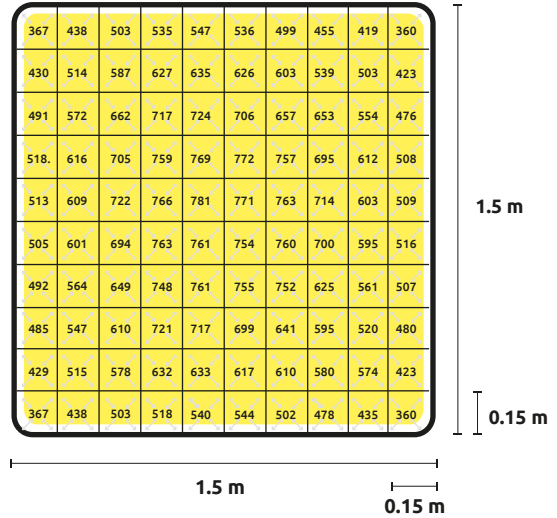
FLOWERING STAGE

Walls reflection level: High
 Distance between fixture and canopy: 50 cm
 Canopy PPFD average: 796 $\mu\text{mol}/\text{m}^2/\text{s}$
 Dimming (Power Consumption): 100% (640 W)



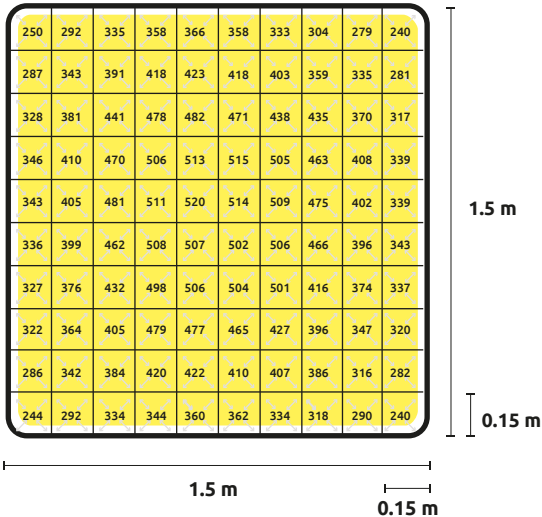
VEGETATIVE STAGE

Walls reflection level: High
 Distance between fixture and canopy: 50 cm
 Canopy PPFD average: 590 $\mu\text{mol}/\text{m}^2/\text{s}$
 Dimming (Power Consumption): 75% (485 W)



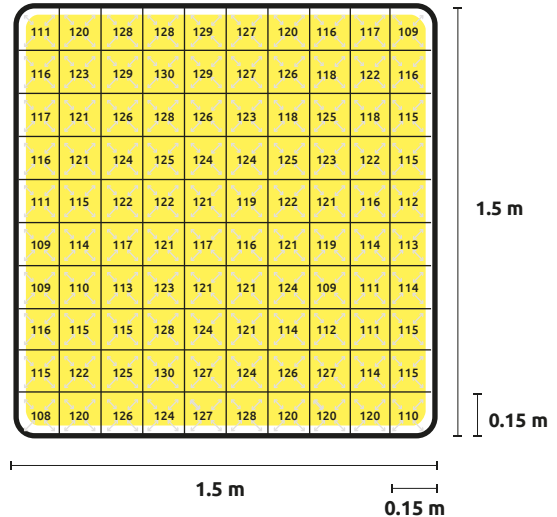
MOTHERS STAGE

Walls reflection level: High
 Distance between fixture and canopy: 50 cm
 Canopy PPFD average: 400 $\mu\text{mol}/\text{m}^2/\text{s}$
 Dimming (Power Consumption): 50% (320 W)



CLONES STAGE

Walls reflection level: High
 Distance between fixture and canopy: 150 cm
 Canopy PPFD average: 120 $\mu\text{mol}/\text{m}^2/\text{s}$
 Dimming (Power Consumption): 25% (160 W)



SEEDLING STAGE

Walls reflection level: High
 Distance between fixture and canopy: 60 cm
 Canopy PPFD average: 180 $\mu\text{mol}/\text{m}^2/\text{s}$
 Dimming (Power Consumption): 25% (160 W)

