

ZEUS 465W PRO 3.1

The ZEUS 465W PRO 3.1 is a powerful horticulture LED lighting fixture made for hobby and professional grow systems. This fixture has been reoptimized to delivered 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
 $\mu\text{mol}/\text{J}$

1450 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 465W PRO 3.1 LED

PRODUCT SPECIFICATIONS

PRODUCT CODE LUMLED031
LIGHT DISTRIBUTION 120°
LIGHT SOURCE SAMSUNG LM301H EVO | OSRAM 4.24
INPUT VOLTAGE 220-240 V AC, 50/60 Hz
INPUT POWER 495 W (± 5%) @ 230 V AC
EFFICACY 3.1 µmol/J @230 V AC
PPF 1450 µmol/s
FOOTPRINT 1.2 x 1.2 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 10 Kg
DIMENSIONS 998 x 900 x 82.2 mm
SPECTRUM FULL SPECTRUM F
THERMAL MANAGEMENT PASSIVE
LIFETIME L90 > 60000 hrs
CCT 3600 K
QUANTITY OF LED BARS 5
QUANTITY OF DIODES 2400 WHITE | 60 RED
IP RATING IP65
BTU 1689 BTUs/h
BTU (DRIVER REMOTE) 1571 BTUs/h
WARRANTY 5 YEARS
CERTIFICATIONS CE, EMC, LVD

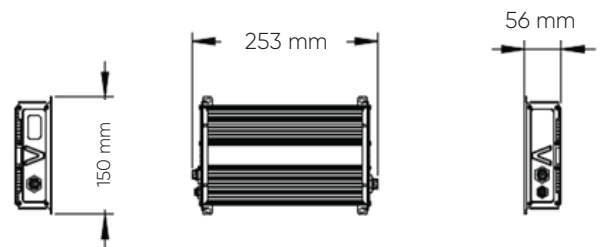
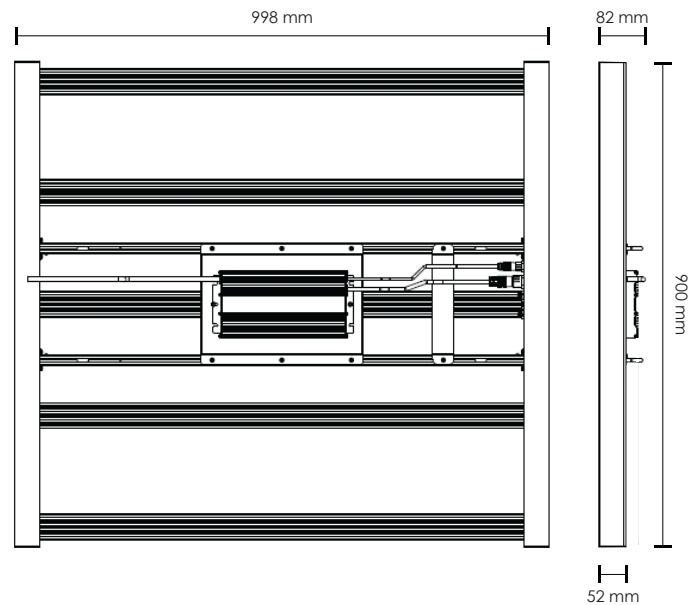
INPUT POWER [W] AND CURRENT [A] PER DIMMING RANGE

@ 230 V

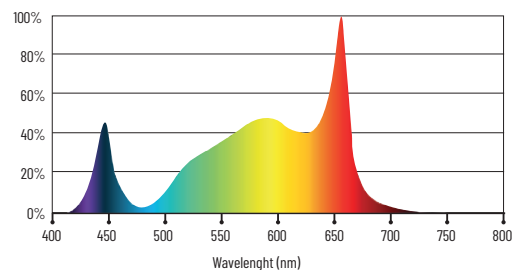
DIMMING	INPUT POWER [W]	INPUT CURRENT [A]
100%	495	2.2
75%	380	1.7
50%	245	1.2
25%	121	0.7

ITEMS INCLUDED IN THE BOX

5 X LUMATEK 93W PRO 3.1 FULL SPECTRUM BARS
1 X LUMATEK 465W PRO 3.1 FRAME
1 X LUMATEK 465W PRO DRIVER
1 X LIGHT DIMMER (OFF-25-50-75-100%)
2 X METAL CABLE HANGERS
1 X MANUAL



SPECTRUM GRAPH

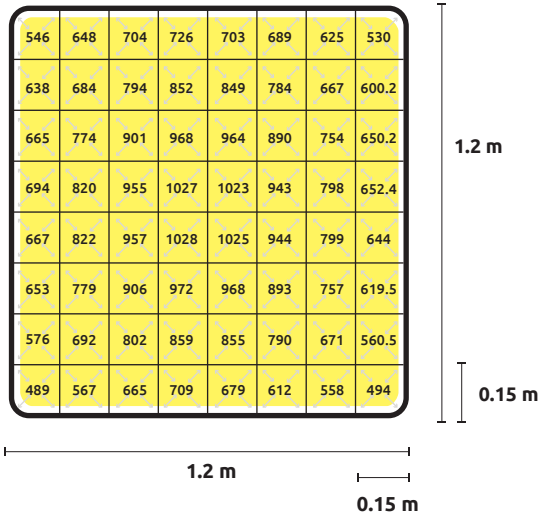


AVAILABLE PARTS

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

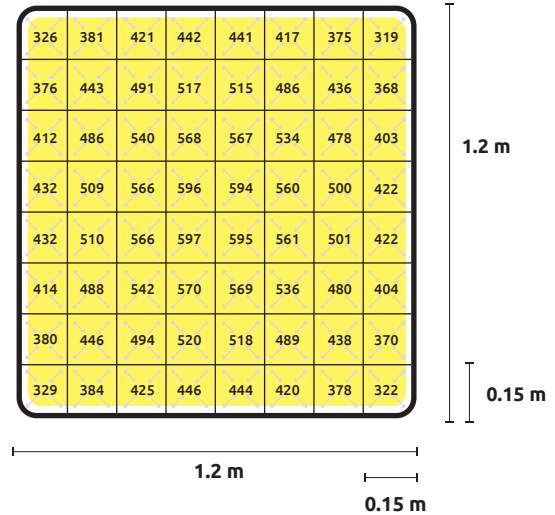
FLOWERING STAGE

Walls reflection level: High
Distance between fixture and canopy: 50 cm
Canopy PPFD average: 758 $\mu\text{mol}/\text{m}^2/\text{s}$
Dimming (Power Consumption): 100% (495 W)



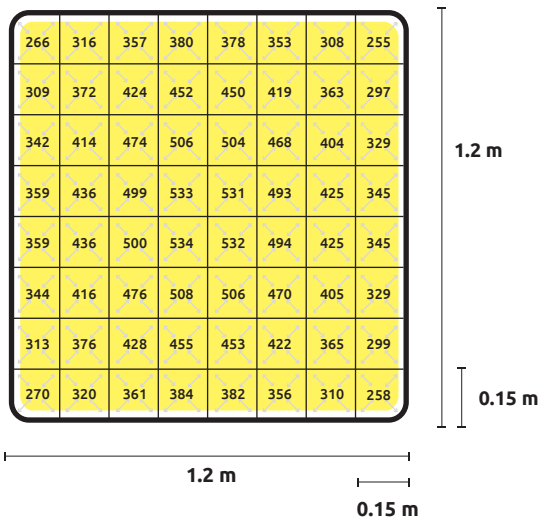
VEGETATIVE STAGE

Walls reflection level: High
Distance between fixture and canopy: 70 cm
Canopy PPFD average: 467 $\mu\text{mol}/\text{m}^2/\text{s}$
Dimming (Power Consumption): 75% (380 W)



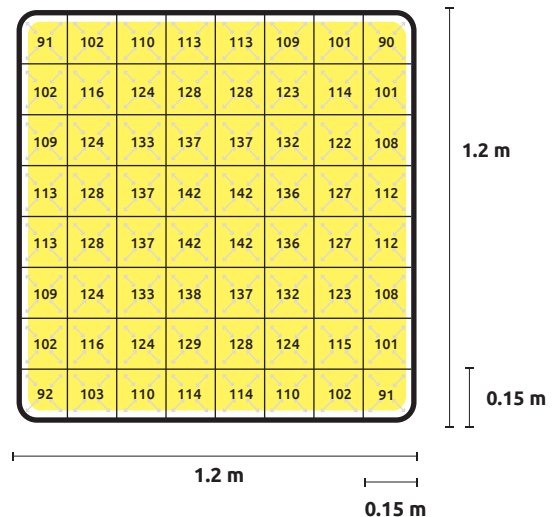
MOTHERS STAGE

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% (245 W)



CLONES STAGE

Walls reflection level: High
Distance between fixture and canopy: 150 cm
Canopy PPFD average: 119 $\mu\text{mol}/\text{m}^2/\text{s}$
Dimming (Power Consumption): 25% (121 W)



SEEDLING STAGE

Walls reflection level: High
Distance between fixture and canopy: 50 cm
Canopy PPFD average: 186 $\mu\text{mol}/\text{m}^2/\text{s}$
Dimming (Power Consumption): 25% (121 W)

