

ZEUS 300W PRO 3.1

The ZEUS 300W 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



3.1 EFFICACY $\mu\text{mol}/\text{J}$	965 PPF $\mu\text{mol}/\text{s}$			LVD CERTIFIED	PLUG PLAY G		5 YEAR WARRANTY
				EMI SUPPRESSION & EMC CERTIFIED	IP65	DESIGNED & ENGINEERED BY LUMATEK IN THE UNITED KINGDOM	

LUMATEK

PROFESSIONAL LIGHTING

ZEUS 300W

PRO 3.1 LED

PRODUCT SPECIFICATIONS

PRODUCT CODE LUMLED028

LIGHT DISTRIBUTION 120°

LIGHT SOURCE SAMSUNG LM301H EVO | OSRAM 4.24

INPUT VOLTAGE 220-240 V AC, 50/60 Hz

INPUT POWER 312W (± 5%) @ 230 V AC

EFFICACY 3.1 µmol/J @230 V AC

PPF 965 µmol/s

FOOTPRINT 1.2 x 0.6 m

POWER FACTOR 0.95

DIMMING DIMMER (INCL.) OFF-25-50-75-100%

EXTERNAL CONTROL CONTROL PANEL 2.0
OR UNIV. CONTROL 0-10 V

NET WEIGHT 5.9 Kg

DIMENSIONS 1180 x 491 x 70 mm

SPECTRUM FULL SPECTRUM

THERMAL MANAGEMENT PASSIVE

LIFETIME L90 > 60000 hrs

CCT 3600 K

QUANTITY OF LED BARS 3

QUANTITY OF DIODES 1440 WHITE | 36 RED

IP RATING IP65

BTU 1024 BTUS/h

WARRANTY 5 YEARS

CERTIFICATIONS CE, EMC, LVD

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

@ 240 V

DIMMING	INPUT POWER [W]	INPUT CURRENT [A]
100%	312	1.4
75%	234	1.1
50%	150	0.8
25%	80	0.5

ITEMS INCLUDED IN THE BOX

3 x LUMATEK 100 W PRO 3.1 FULL SPECTRUM BARS

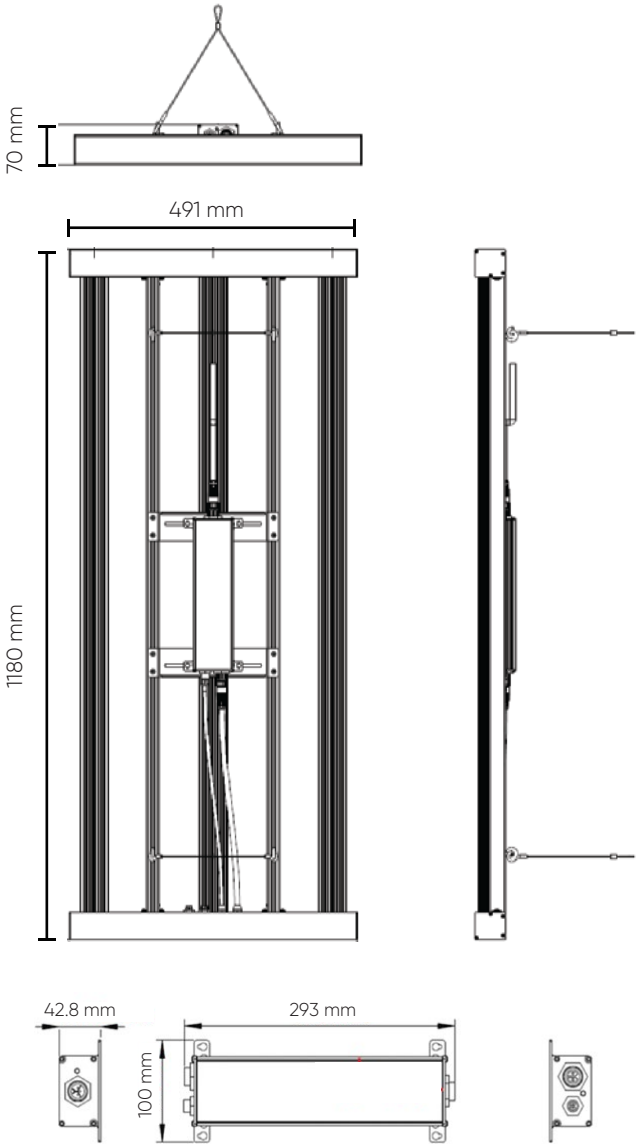
1 x LUMATEK 300 W PRO 3.1 FRAME

1 x LUMATEK 300 W PRO DRIVER

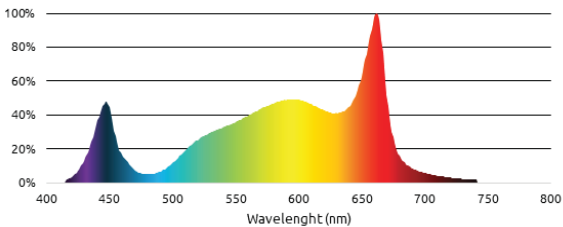
1 x LIGHT DIMMER (OFF-25-50-75-100%)

2 x METAL CABLE HANGERS

1 x MANUAL



SPECTRA



AVAILABLE PARTS

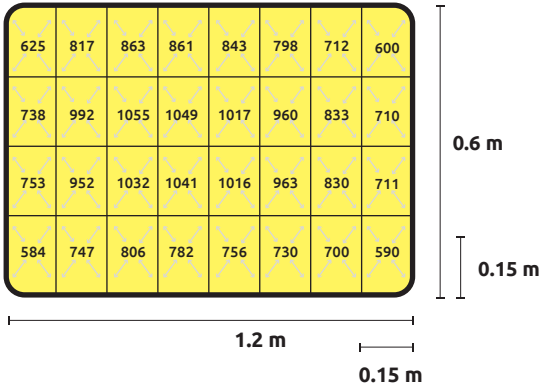
LUMM0034 EU LED POWER PLUG CABLE

LUMM0015 DAISY-CHAIN 5 M CONTROL CABLE

LUMM0016 LED 5 M EXTENSION CABLES 2.0

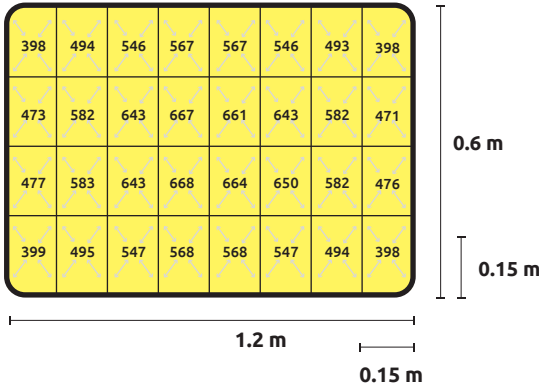
FLOWERING STAGE

Walls reflection level: High
Distance between fixture and canopy: 30 cm
Canopy PPFD average: 827 $\mu\text{mol}/\text{m}^2/\text{s}$
Dimming (Power Consumption): 100% (312 W)



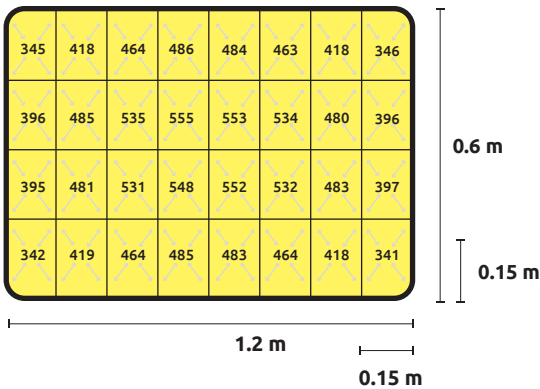
VEGETATIVE STAGE

Walls reflection level: High
Distance between fixture and canopy: 40 cm
Canopy PPFD average: 550 $\mu\text{mol}/\text{m}^2/\text{s}$
Dimming (Power Consumption): 75% (234 W)



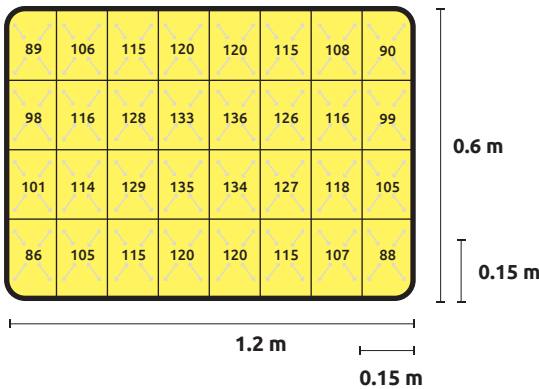
MOTHERS STAGE

Walls reflection level: High
Distance between fixture and canopy: 50 cm
Canopy PPFD average: 460 $\mu\text{mol}/\text{m}^2/\text{s}$
Dimming (Power Consumption): 75% (234 W)



CLONES STAGE

Walls reflection level: High
Distance between fixture and canopy: 70 cm
Canopy PPFD average: 115 $\mu\text{mol}/\text{m}^2/\text{s}$
Dimming (Power Consumption): 25% (80 W)



SEEDLING STAGE

Walls reflection level: High
Distance between fixture and canopy: 50 cm
Canopy PPFD average: 154 $\mu\text{mol}/\text{m}^2/\text{s}$
Dimming (Power Consumption): 25% (80 W)

