

# APOLLO

## 550W

LUMATEK APOLLO 550W LED producing of 1540  $\mu\text{mol/s}$  with a real efficacy of 2.8  $\mu\text{mol/J}$ , covering grow areas of 1.2 x 1.2 meters.



### GROW OPTIMAL

BY REQUESTING  
A LIGHT PLAN & REPORT



## LUMATEK

PROFESSIONAL LIGHTING

**2.8 EFFICACY**  
 $\mu\text{mol/J}$

**1540 PPF**  
 $\mu\text{mol/s}$



**LVD**  
CERTIFIED

**EMI**  
SUPPRESSION &  
EMC  
CERTIFIED

**PLUG  
& PLAY**



**CONTROL  
TECHNOLOGY**

**3 YEAR  
WARRANTY**

DESIGNED  
& ENGINEERED  
BY LUMATEK  
IN THE UNITED  
KINGDOM



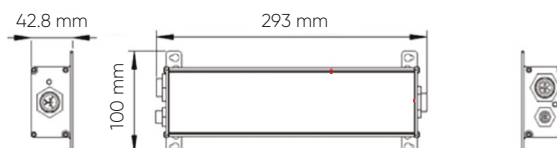
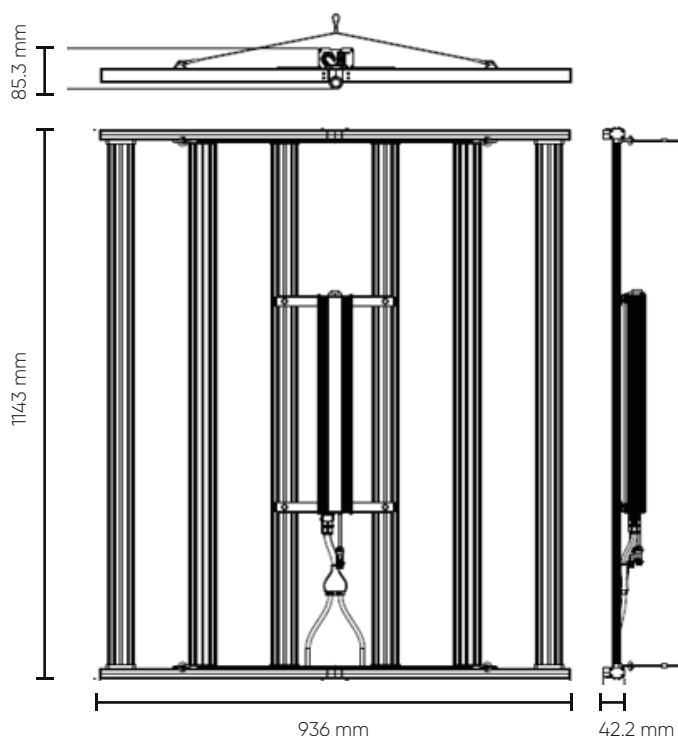
# LUMATEK

PROFESSIONAL LIGHTING

## APOLLO 550W

### PRODUCT SPECIFICATIONS

**PRODUCT CODE** LUMLED036  
**LIGHT DISTRIBUTION** 120°  
**INPUT VOLTAGE** 220-240 V AC, 50/60 Hz  
**INPUT POWER** 550 W ( $\pm 5\%$ ) @ 230 V AC  
**EFFICACY** 2.8  $\mu\text{mol}/\text{J}$  @ 230 V AC  
**PPF** 1540  $\mu\text{mol}/\text{s}$   
**FOOTPRINT** 1.2 x 1.2 m  
**POWER FACTOR** 0.99 @230 V AC  
**DIMMING** DIMMER (INCL.) OFF-25-50-75-100%  
**EXTERNAL CONTROL** LUMATEK CONTROLLER OR  
UNIV. CONTROL 0-10 V  
**NET WEIGHT** 7.4 Kg  
**DIMENSIONS** 1143 x 936 x 85 mm  
**SPECTRUM** FULL SPECTRUM  
**THERMAL MANAGEMENT** PASSIVE  
**LIFETIME** L90 > 50000 hrs  
**CCT** 3722 K  
**QUANTITY OF LED BARS** 6  
**IP RATING** IP65  
**BTU** 1877 BTUs/h  
**WARRANTY** 3 YEARS  
**CERTIFICATIONS** CE, EMC, LVD, ROHS, TISI, RCM



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

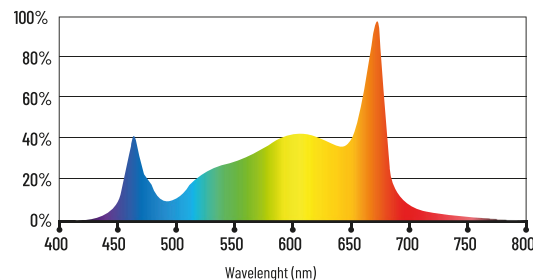
#### @ 230 V

| DIMMING | INPUT POWER [W] | INPUT CURRENT [A] |
|---------|-----------------|-------------------|
| 100%    | 550             | 2.5               |
| 75%     | 412             | 1.9               |
| 50%     | 272             | 1.3               |
| 25%     | 138             | 0.7               |

### ITEMS INCLUDED IN THE BOX

1X APOLLO 550W LED FIXTURE  
1X LUMATEK 550W LED DRIVER + 4X SCREWS  
1X AC POWER SUPPLY CABLE  
2X METAL CABLE HANGERS  
1X DIMMER BOX  
1X MANUAL

### SPECTRA



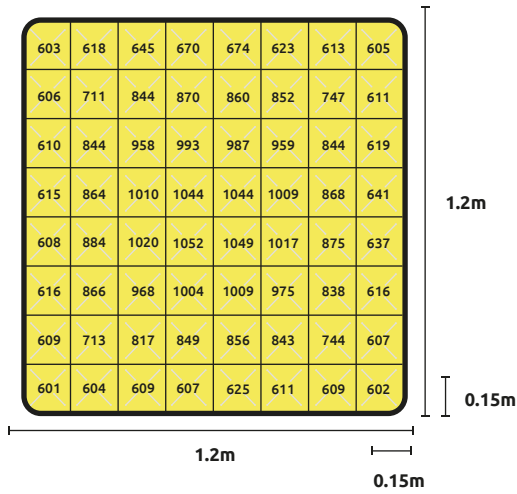
### AVAILABLE PARTS

**LUMM0034** EU LED POWER PLUG CABLE  
**LUMM0015** DAISY-CHAIN 5M CONTROL CABLE  
**LUMM0018** LED CONTROLLER CABLE (3-PIN)



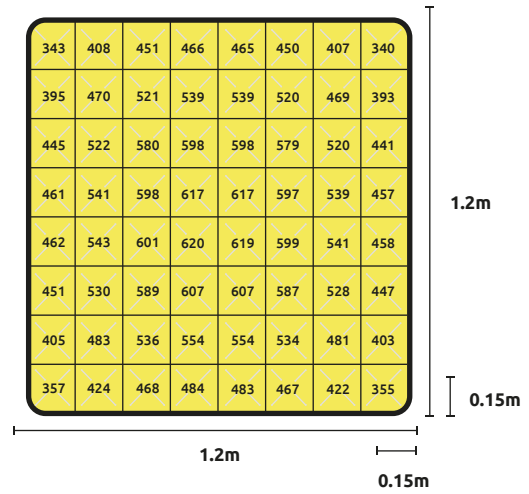
## FLOWERING STAGE

Walls reflection level: High  
Distance between fixture and canopy: 40 cm  
Canopy PPFD average: 812  $\mu\text{mol}/\text{m}^2/\text{s}$   
Dimming (Power Consumption): 100% (550 W)



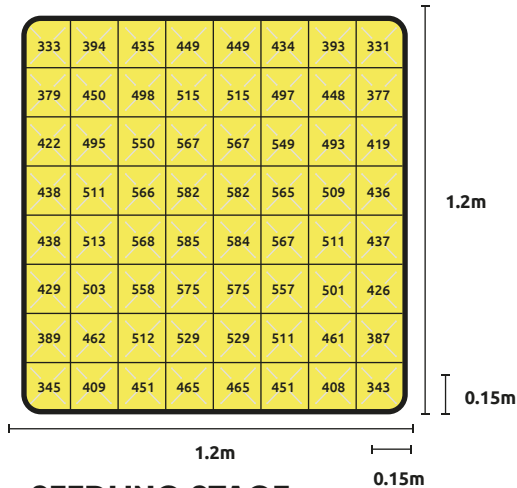
## VEGETATIVE STAGE

Walls reflection level: High  
Distance between fixture and canopy: 60 cm  
Canopy PPFD average: 501  $\mu\text{mol}/\text{m}^2/\text{s}$   
Dimming (Power Consumption): 75% (413 W)



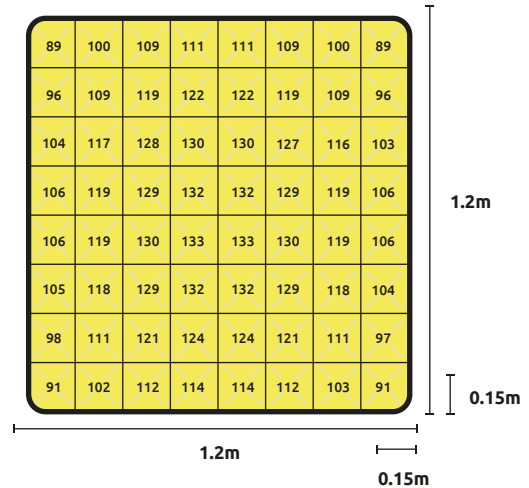
## MOTHERS STAGE

Walls reflection level: High  
Distance between fixture and canopy: 65 cm  
Canopy PPFD average: 478  $\mu\text{mol}/\text{m}^2/\text{s}$   
Dimming (Power Consumption): 75% (413 W)



## CLONES STAGE

Walls reflection level: High  
Distance between fixture and canopy: 100 cm  
Canopy PPFD average: 115  $\mu\text{mol}/\text{m}^2/\text{s}$   
Dimming (Power Consumption): 25% (141 W)



## SEEDLING STAGE

Walls reflection level: High  
Distance between fixture and canopy: 40 cm  
Canopy PPFD average: 203  $\mu\text{mol}/\text{m}^2/\text{s}$   
Dimming (Power Consumption): 25% (141 W)

