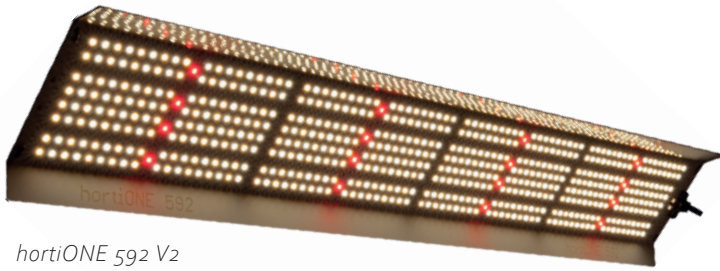


hortiOne 592 v2

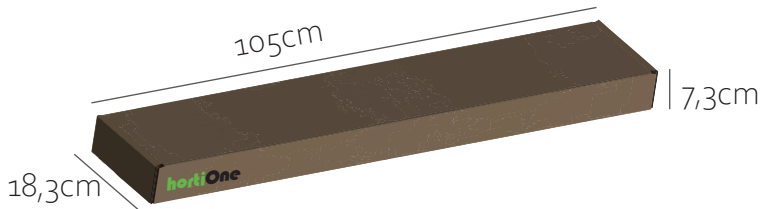
Datasheet, 2020



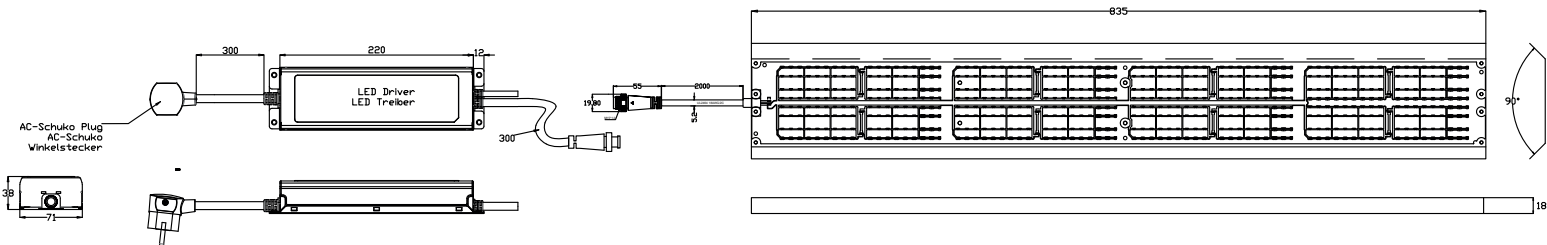
hortiONE 592 V2

Long & Angled LED panel with 592 LEDs for indoor cultivation. Hybrid construction with full spectrum MID-Power LEDs (3500K) mixed with High-Power LEDs (660nm) for good flowering results. Suitable for the vegetative and generative phase. hortiONE 368 V2 was developed as a cost-effective solution. High light output for a small budget. Neutral white light for a real color rendering of your plants. Low heat generation (no cooling required) and no active heat radiation (IR, 800 nm) in the direction of your plants.

Cardbox



Measurement



Measures are in mm

Specification

| | | |
|-------------------|---|-----------------------|
| Consumption | Real consumption | 190W |
| LEDs | 576x STW8C12C CRI80 Seoul 16x HR OSLOM CSSRM3.24 Osram | 592 PCS |
| PPF (380-800nm)* | | 500 $\mu\text{mol/s}$ |
| Efficacy** | | 2.7 $\mu\text{mol/J}$ |
| LifetimeLM90) | | 50.000 h |
| CRI | Real Color Rendering | 80 |
| CCT*** | Neutral white | 3500 K |
| Voltage | Universal Input 110/230V | 90-305 Vac |
| Operating Current | | 108 mA/216 mA |
| Environment Temp. | | 0 - 35 C° |
| Power Factor | | >94% |
| Warranty | | 2 Years |

* Photosynthetic Photon Flux - Biological Photon Flux

** Module-Efficacy

*** Correlated Color Temperature is derived from CIE 1931 Chromaticity diagram.

AC-Plug

Type C
Shuko,

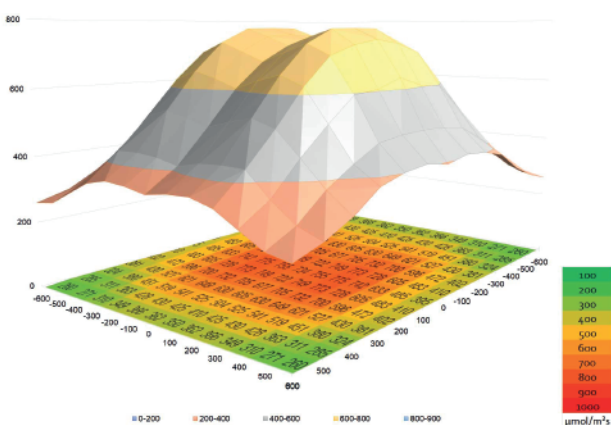


Type J
CH

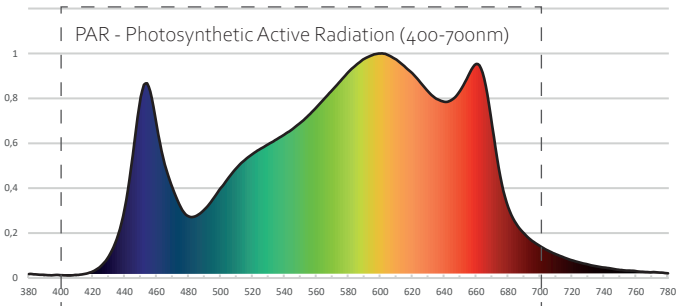


PPFD Plot - 2x hortiOne 592

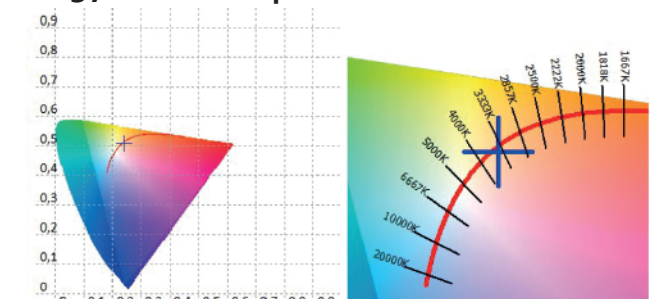
PPFD [$\mu\text{mol}/(\text{m}^2\text{s})$] h: 40cm, 120x120cm (1.4m²), 380W
600w HPS Ersatz



Spectrum



CIE1976 - Color space



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Subject to change, tolerance $\pm 10\%$