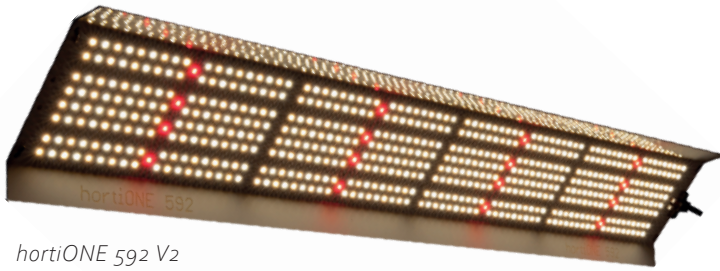


# hortiOne 592 v2

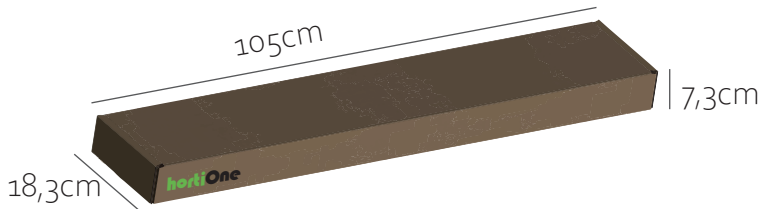
Datasheet, 2020



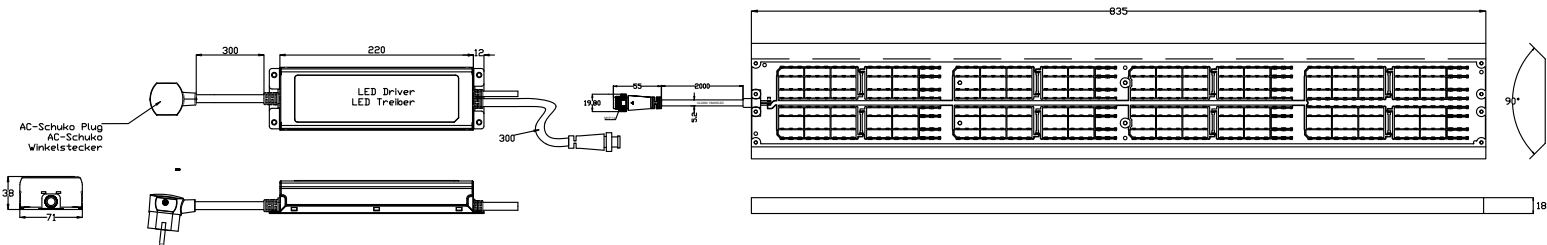
hortiONE 592 V2

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,

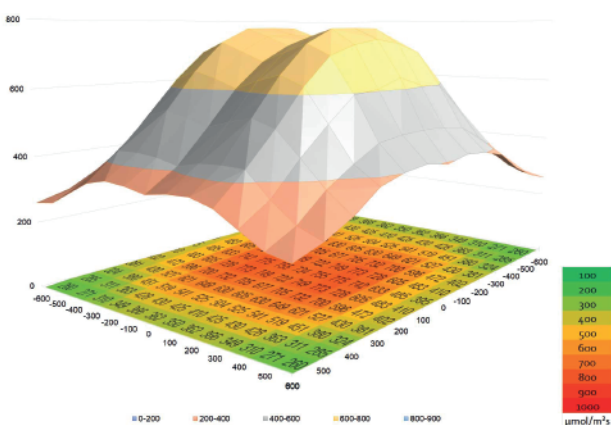


Type J  
CH

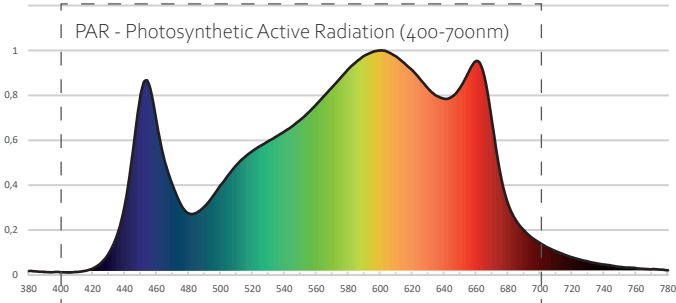


## PPFD Plot - 2x hortiOne 592

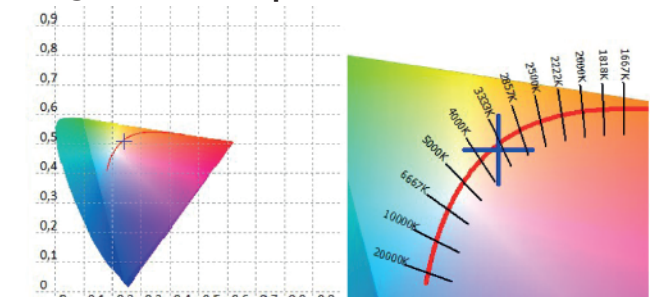
PPFD [ $\mu\text{mol}/(\text{m}^2\text{s})$ ] h: 40cm, 120x120cm (1.4m<sup>2</sup>), 380W  
600w HPS Ersatz



## Spectrum



## CIE1976 - Color space



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