

# Chillout Club

DESIGN-CONCEPT

Max von Knoop M.A.  
Field Application Manager

**sanlight**  
better light, better plants 

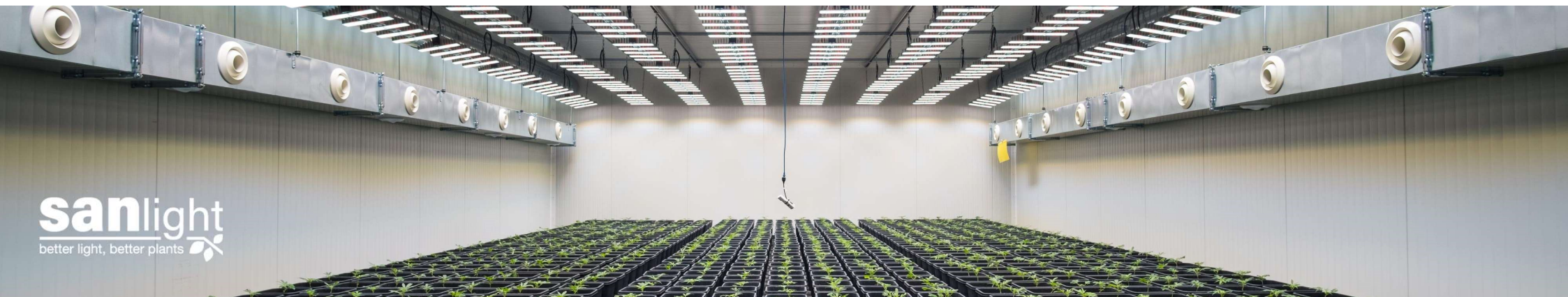
# Grow Chamber

## Bloom I size & dimensions

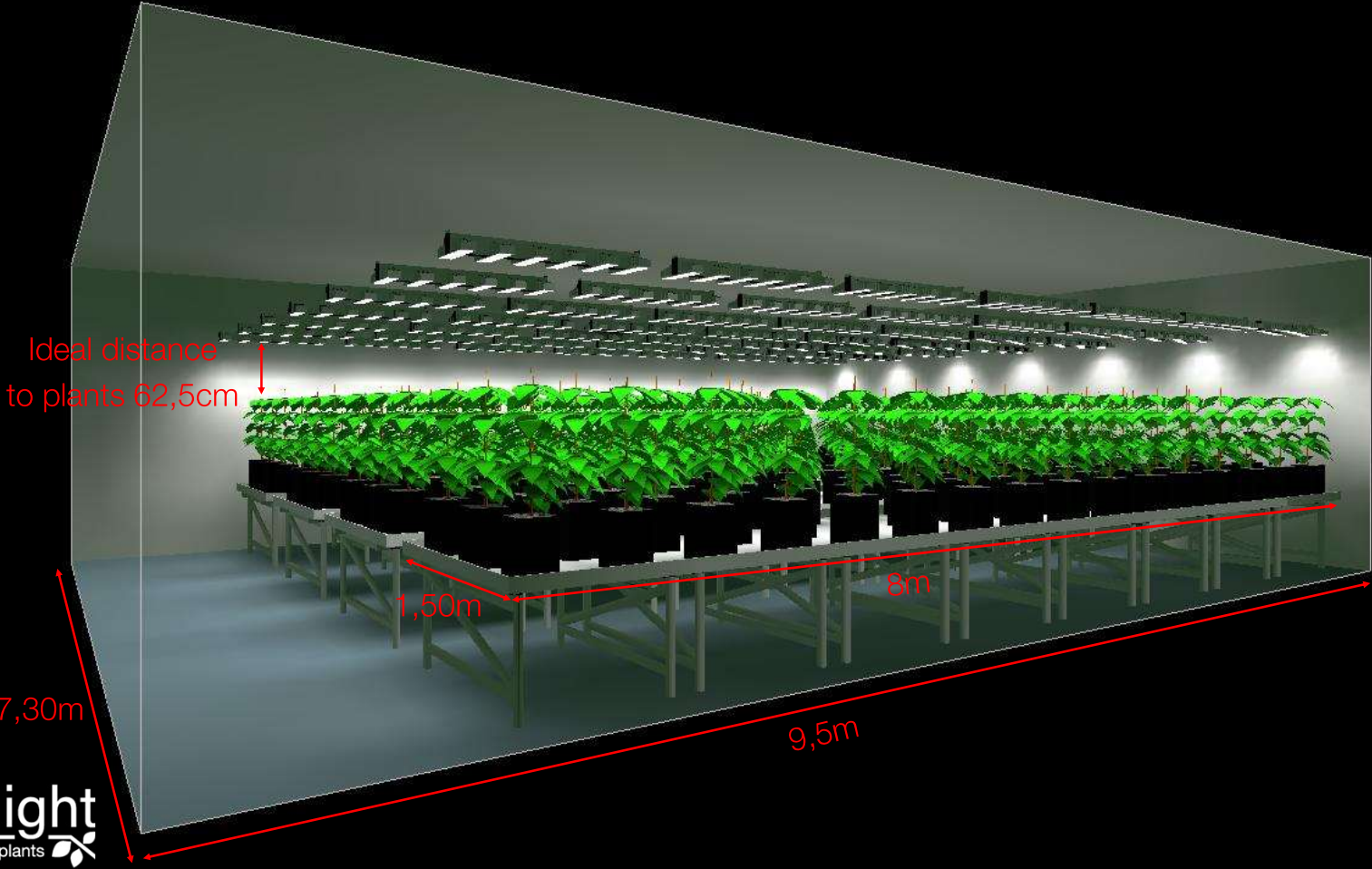
- Total Size: 9,50m x 7,30m = 69,35m<sup>2</sup>
- Table Area: 4x rolling benches 1,50m x 8m = 48m<sup>2</sup>
- Planted Area: 8m x 6,90m = 55,20m<sup>2</sup>

## Room Options & Intensities

- We would recommend to use intensities of around 900 $\mu$ mol/m<sup>2</sup>/s for flowering stage

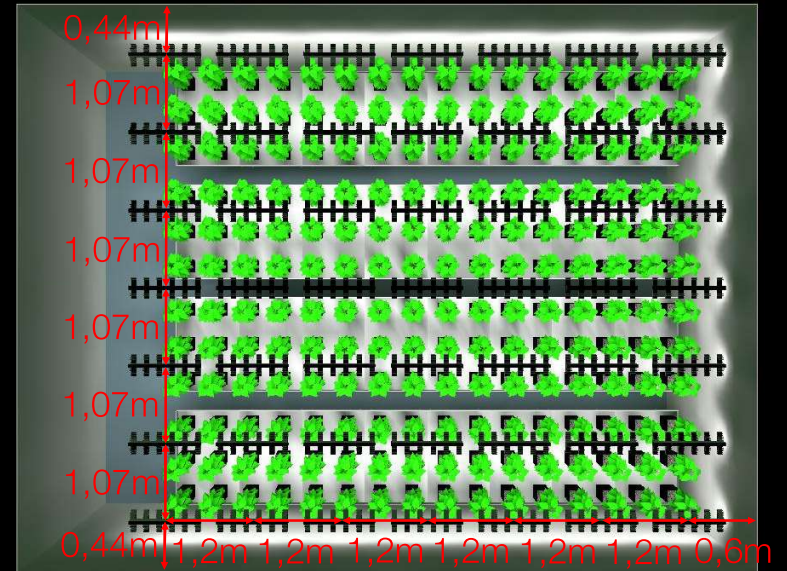


# EVO 6-120 Setup



# EVO 6-120 Setup

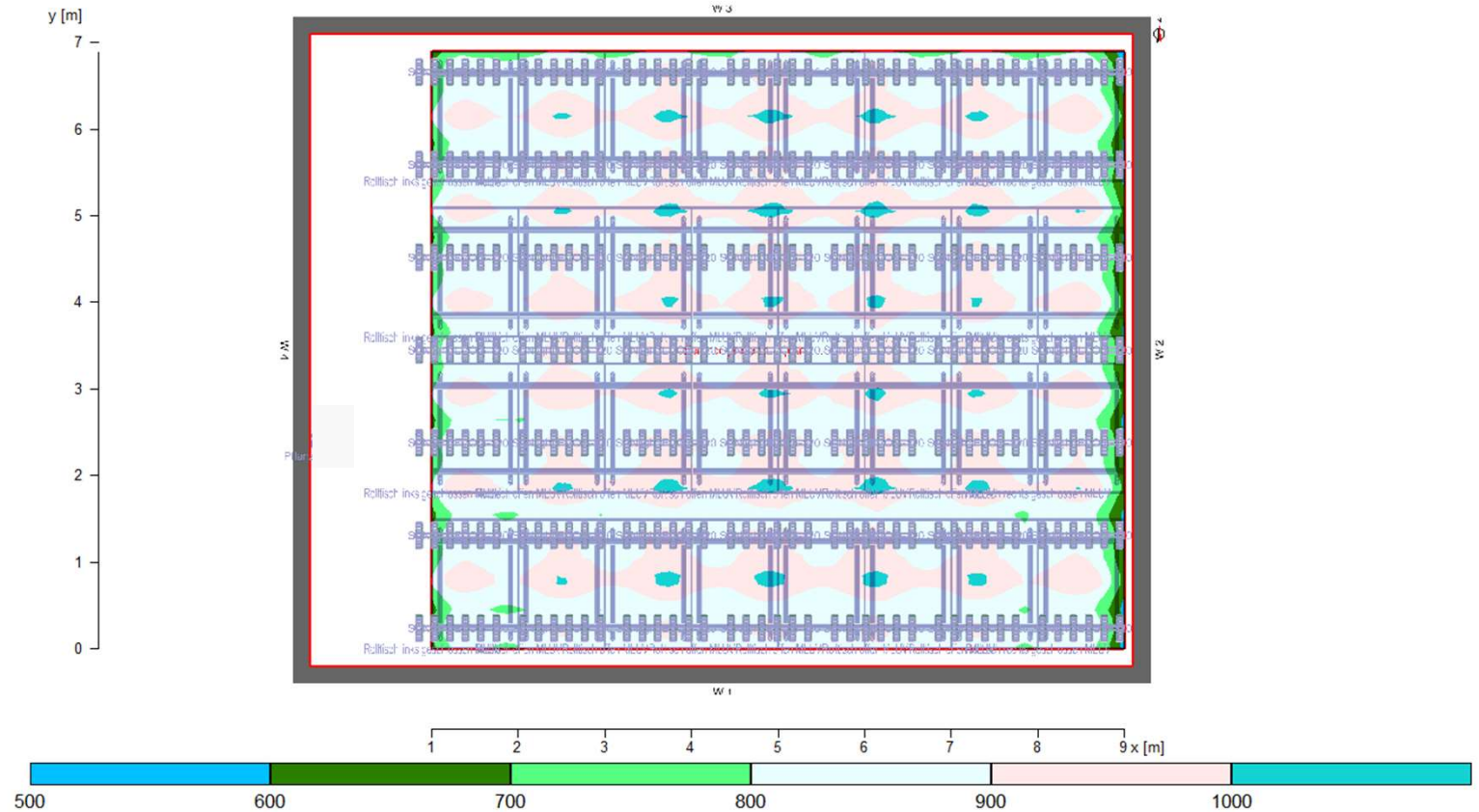
- 49x SANlight EVO 6-120 á 400W
- 7x rows with 7 fixtures per row
- The fixtures are at 62,5cm above the plants
- 408,33W/m<sup>2</sup> (tables) 355,07W/m<sup>2</sup> (grow area)
- Consumption per layer: 2.800W
- Consumption total: 19.600W



# EVO 6-120 Setup

## 62,5cm distance to crop

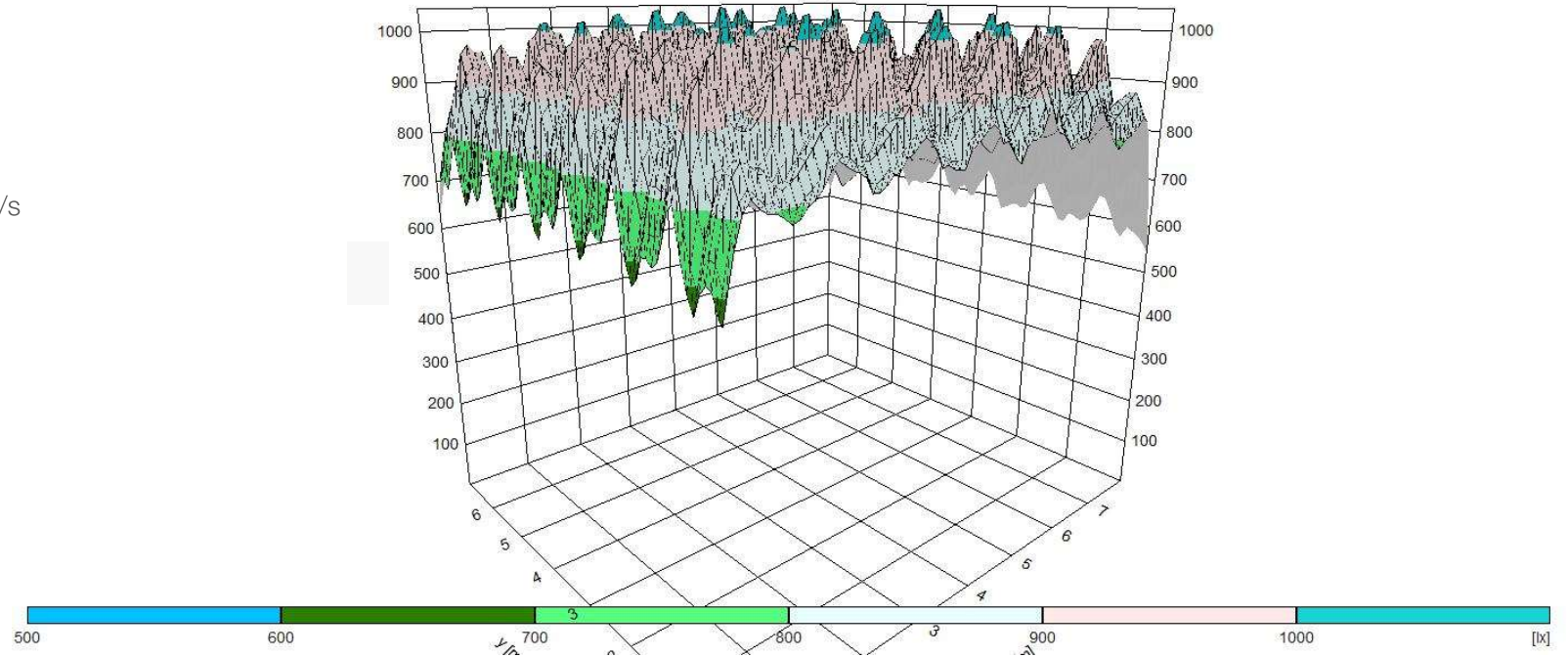
- Average intensity:  $883\mu\text{mol}/\text{m}^2/\text{s}$
- Minimum Intensity:  $583\mu\text{mol}/\text{m}^2/\text{s}$
- Maximum Intensity:  $1.040\mu\text{mol}/\text{m}^2/\text{s}$
- Uniformity of 66% ( $E_{\text{min}}/E_{\text{m}}$ )



# EVO 6-120 Setup

## 62,5cm distance to crop

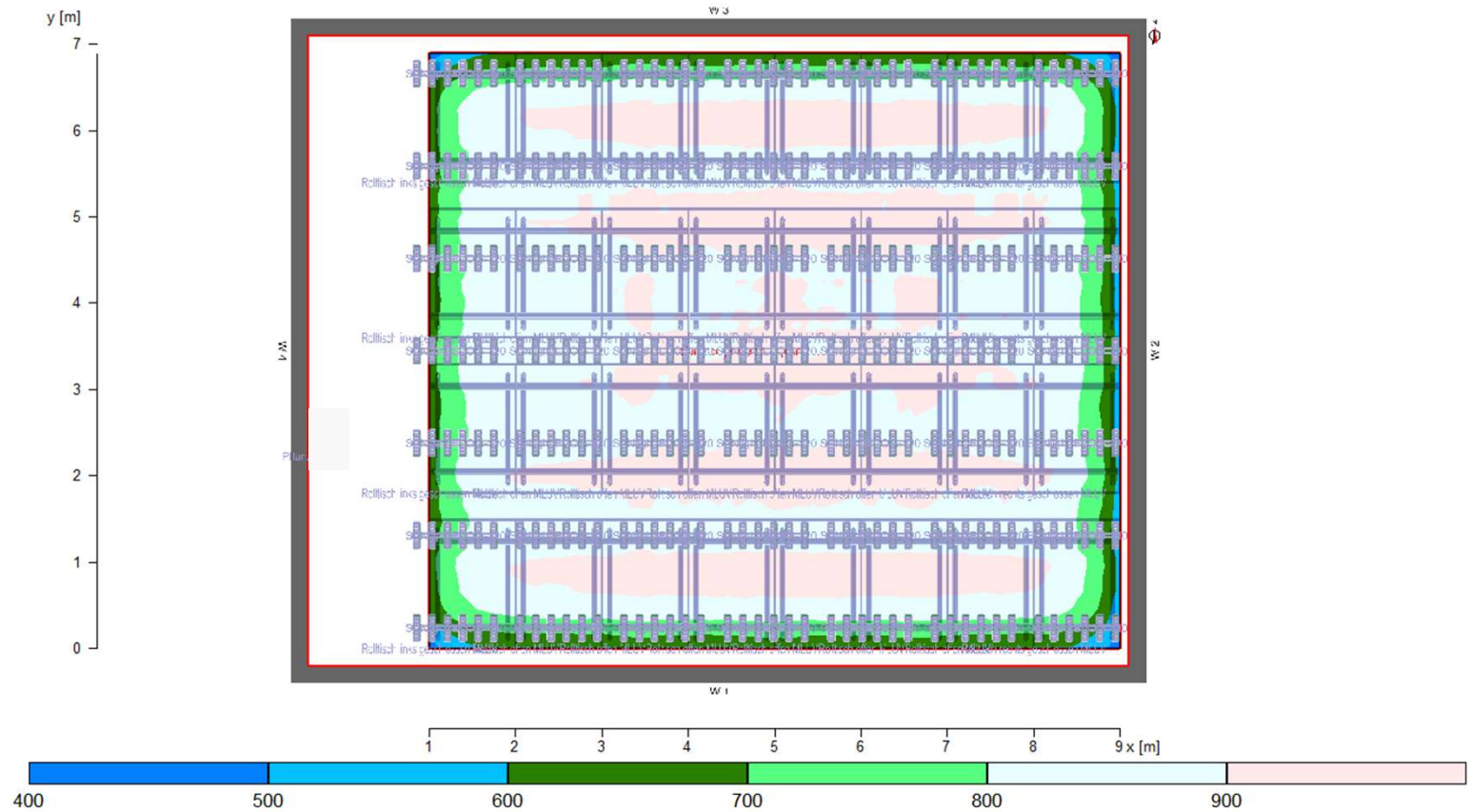
- Average intensity:  $883\mu\text{mol}/\text{m}^2/\text{s}$
- Minimum Intensity:  $583\mu\text{mol}/\text{m}^2/\text{s}$
- Maximum Intensity:  $1.040\mu\text{mol}/\text{m}^2/\text{s}$
- Uniformity of 66% ( $E_{\text{min}}/E_{\text{m}}$ )



# EVO 6-120 Setup

## 92,5cm distance to crop

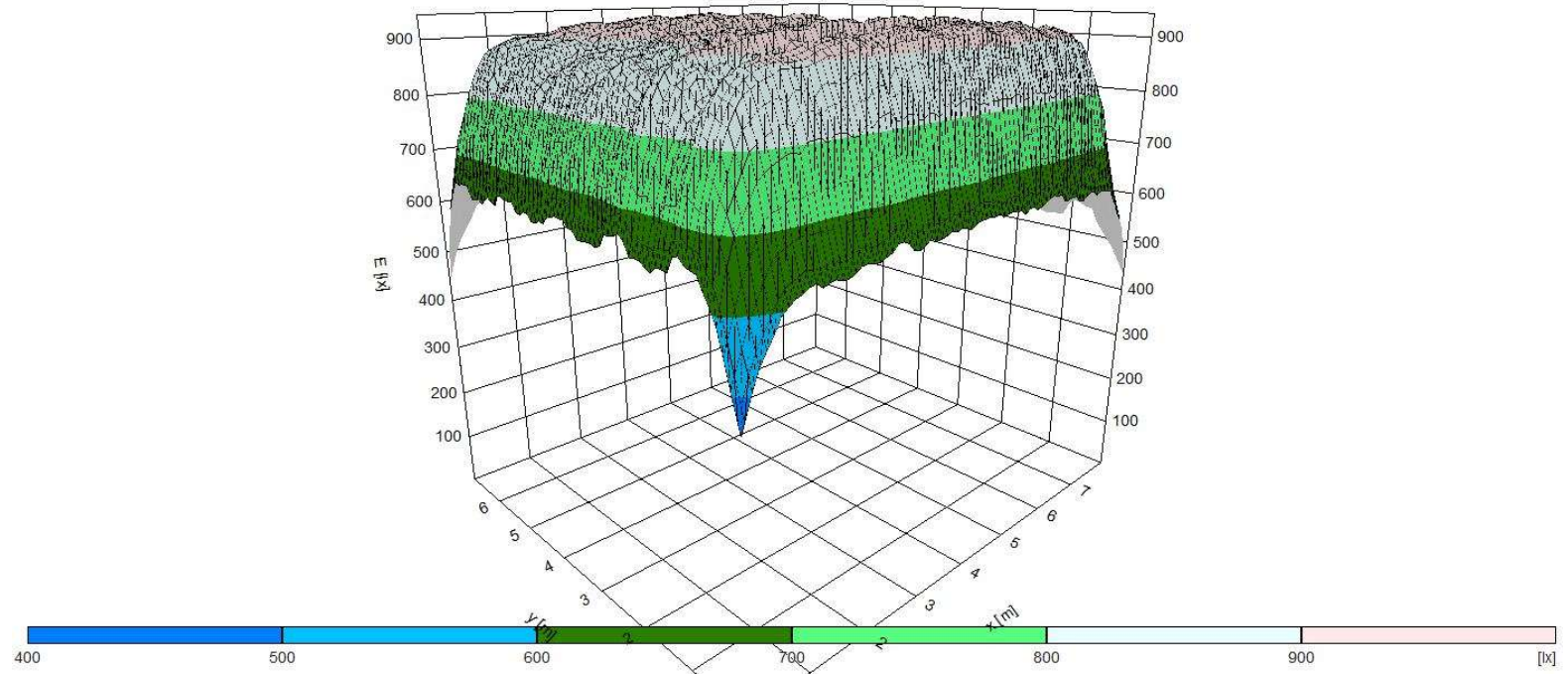
- Average intensity:  $852\mu\text{mol}/\text{m}^2/\text{s}$
- Minimum Intensity:  $463\mu\text{mol}/\text{m}^2/\text{s}$
- Maximum Intensity:  $943\mu\text{mol}/\text{m}^2/\text{s}$
- Uniformity of 50% ( $E_{\text{min}}/E_{\text{m}}$ )



# EVO 6-120 Setup

## 92,5cm distance to crop

- Average intensity:  $852\mu\text{mol}/\text{m}^2/\text{s}$
- Minimum Intensity:  $463\mu\text{mol}/\text{m}^2/\text{s}$
- Maximum Intensity:  $943\mu\text{mol}/\text{m}^2/\text{s}$
- Uniformity of 50 % ( $E_{\text{min}}/E_{\text{m}}$ )

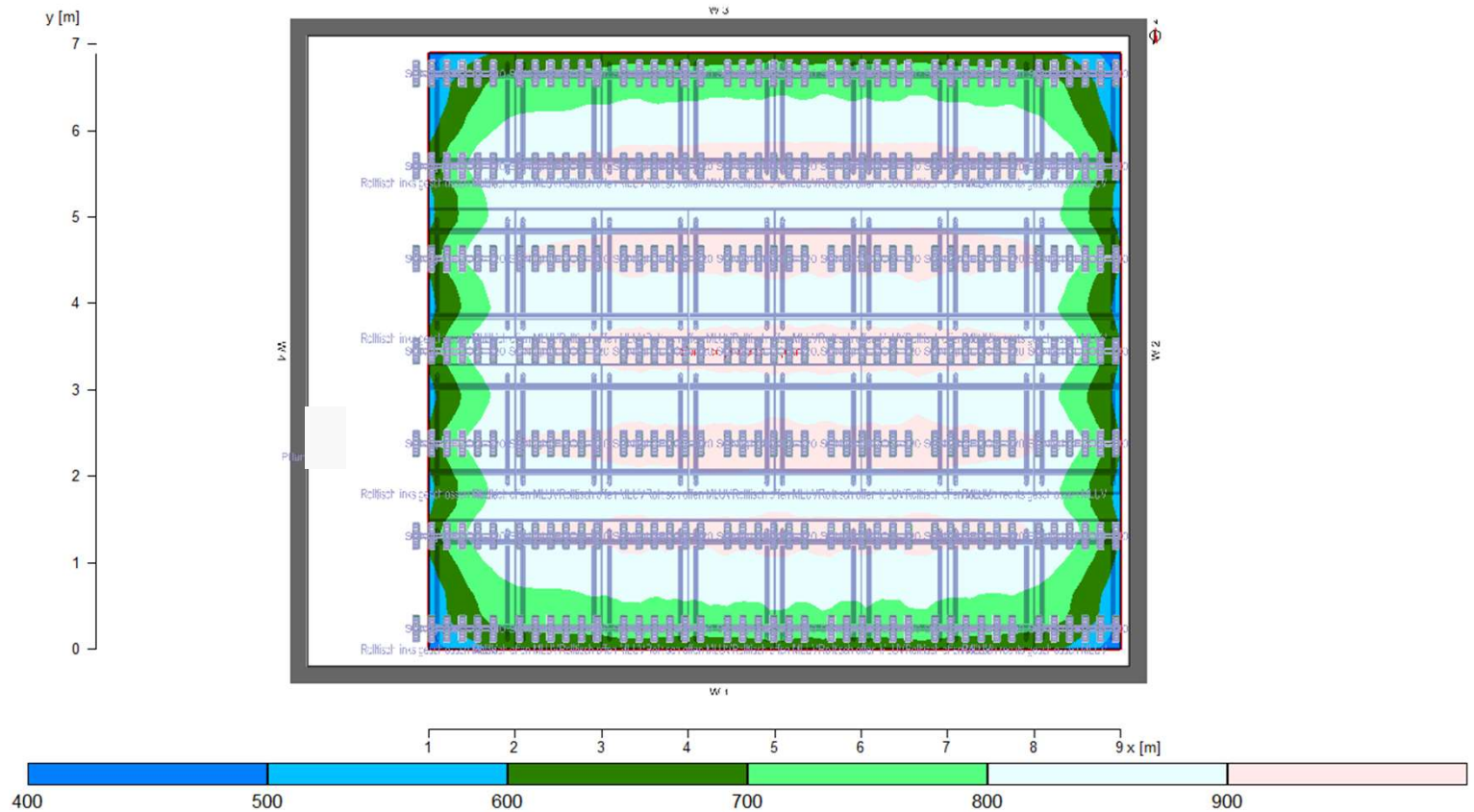




# EVO 6-120 Setup

## 122,5cm distance to crop

- Average intensity:  $830\mu\text{mol}/\text{m}^2/\text{s}$
- Minimum Intensity:  $444\mu\text{mol}/\text{m}^2/\text{s}$
- Maximum Intensity:  $952\mu\text{mol}/\text{m}^2/\text{s}$
- Uniformity of 54% ( $E_{\text{min}}/E_{\text{m}}$ )



# EVO 6-120 Setup

## 122,5cm distance to crop

- Average intensity:  $830\mu\text{mol}/\text{m}^2/\text{s}$
- Minimum Intensity:  $444\mu\text{mol}/\text{m}^2/\text{s}$
- Maximum Intensity:  $952\mu\text{mol}/\text{m}^2/\text{s}$
- Uniformity of 54% ( $E_{\text{min}}/E_{\text{m}}$ )

