

Since 2015

HortiBloom

Best LED Grow Lights

WE ONLY PRODUCE TOP RANK LED GROW LIGHTS



TOP 10 GROW BEST LIGHTS
IN 2023 ON THE WORL
MEGAOPTIC LEENS SERIES



We are so confident in our products that we welcome
any type of testing and comparison
with other brands:

- PPFD MEASUREMENTS
- HEAT DISSIPATION
- COVERAGE AREA



OSRAM

SAMSUNG

inventronics

CREE



Because everything begins with light ...

Custom spectrum design
Assembly of any diode using SMD technology
Specialized technical advice
Custom projects and room design
DLI and coverage area calculations



At the forefront of the LED lighting sector for indoor cannabis growers ...

Because our company has been in the lighting sector for **over 15** years, we understand that the most important thing for us has always been to manufacture the equipment with the highest efficiency in terms of **PPFD / W used**, heat dissipation and **spectrum quality**, thereby promoting the **best photomorphogenesis** in your plants.

Why Choose Us ?

- We are committed to providing the highest quality led grow lights and services, you can be sure that you're getting the best quality grow lights available. We stand by our products and guarantee their performance.
- We are so confident in our quality and performance that we are willing to accept any challenge to compare with our lights on lighting performance like ppfd reading, coverage, heat dissipation etc. If we lose, we'll refund your purchase. Our experienced team of lighting experts can help you find the perfect lighting solution for your needs.
- With our vast selection of products, competitive prices, and knowledgeable customer service, you can trust that you're getting the best value for your money.



OEM & ODM

We have more than 10 years of experience on OEM & ODM service



Design & Development

We can design or customize the grow light as per customer's requirements



Lighting Solution

We can design and simulate the lighting effect basing on project drawing

Hortibloom Led Lighting technology was one of the first brands in the world to achieve efficiency values up to

3.0μm/s

This achievement showed to other manufacturers that such efficiency levels were and can be possible.

We are a brand considered and positioned in the market as one of the

TOP 10 BEST

manufacturers in the world by the most prestigious entities and professionals in our sector.

We understand that the spectrum for each crop may vary depending for the conditions and genetics grown with the goal of optimizing results.

Therefore, we **customize** the **spectrum** for our most demanding clients.

HortiBloom
Best LED Grow Lights

Company presentation and portfolio.

Hortibloom Led Lighting Tecnology Since 2015

We appreciate your trust in our company, brand and our products.
We will work to offer you the best solution.

Pages 1 - 2

Facilities
and
Factory

Pages 3 - 4

Luminaires
and
Boosters

Page 5

Professinal grow
rooms
and
clients

Page 6

Europe Workers
Pharma division

Page 7

Lighting efficiency
projets
in
grow rooms

Page 8

3D Projets
light boxes



HortiBloom
Best LED Grow Lights

Photometric laboratory and SMD assembly

Hortibloom lighting Technology, has the most **professional teams**, partnes and collaborators in the market, all of whom operate state-of-the-art machiney.

Everything is carried out in detail with rigorous quality control processes, wich allows us to offer a **more comprehensive guarantee** to all our customers.

We only work with the most prestigious and relevant products, companies and manufactures.



Photometric Laboratory

With the new **photometric spheres**, we can rigorously analyze the output power and performance of diodes.

This allows us to ensure that we achieve our objetives and obtain the desired results through the collected data.

With all of this we can efficiently achieve homogeneity in the spectral signature and uniformity in the output **PPFD values**.

SMD Assembly

This technology elevates the assembly of diodes on printed circuit boards

(**SURFACE MOUNT DEVICE**)

This involves soldering componentes directly onto the board without the need for through-holes.
As surface-mount components, diodes adhere to the PCB surface and are connected by soldering.



Optimized Production Processes

Only when we combine the best team of professionals with the most efficient technology on the market can we produce the best equipment at a competitive price.

The investment in facilities and machinery is significant but, thanks to these significant investments, we have managed to position ourselves at advantage over our competitors.



Workshop and Factory - Hortibloom Led Lighting Technology

Because we are so proud of our numbers and evolution over the last years.
Growing day by day...



Countries around the world

Our company is already installed in many of the main producing countries where cannabis is grown.

Employees

We are a company with limited production capacity which allows us to provide the highest quality standards.

Production Lines

We have a professional staff and optimized assembly lines.

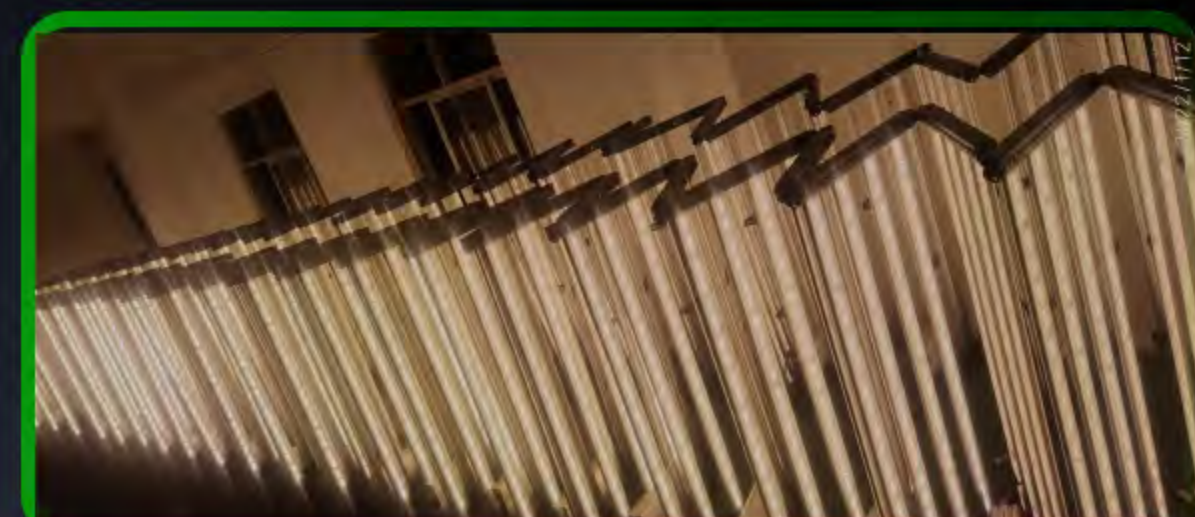
Products installed

For more than 10 years developing and designing our own spectrums and products...
We have gained the trust of thousands of customers who already work with us.

10 years manufacturing in our own facilities

Hortibloom Led was born in a small workshop 5 years of the big bet, after the success of our first lamps, performance and cutting-edge spectra expanded its facilities in 2015.

OEM AND OMD Partners



Developing year by year

Because technology advanced too fast and studies reveal constant improvements we have our own **I+D department** that allows us to produce equipment with new and advanced technology, positioning us **one step ahead**.



HortiBloom
Best LED Grow Lights

TOP 10 GROW BEST LIGHTS
IN 2023 ON THE WORLD
MEGAOPTIC LENS SERIES

MEGAOPTIC LENS SERIES

2024



MEGA EVO

2022



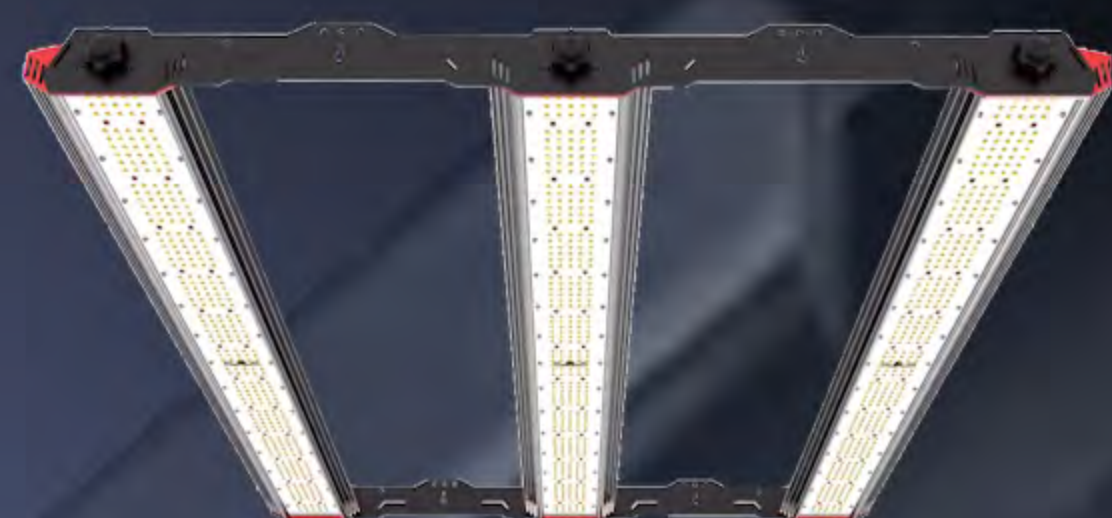
MEGA

2018



MEGA PRO

2020



MEGA ENFOLD

2023



SOLUX

2022



FLUX

2021



SUBFLUX

2025



OSRAM

inventronics

CREE

FEATURED PRODUCTS



Porque todo empieza con la luz

UVB Booster

- 60 W $\pm$ 5 %, 120 - 270 V
- 320 - 400 nm

UVC Booster

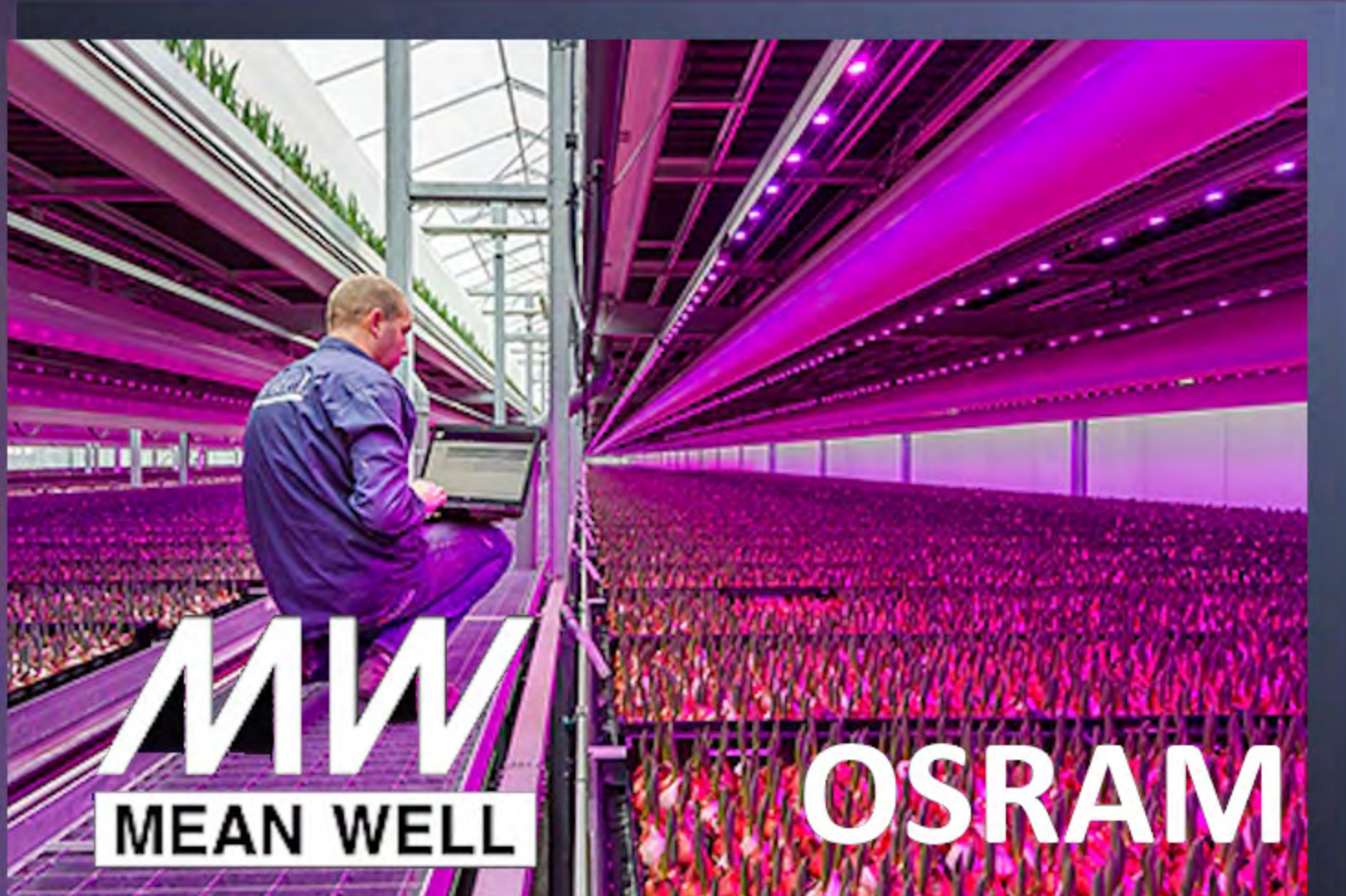
- 60 W $\pm$ 5 %, 120 - 270 V
- 380 - 400 nm

IR Bosster

- 80 W $\pm$ 5 %, 120 - 270 V
- 720 - 730 nm

UVIR Booster

- 80 W $\pm$ 5 %, 120 - 270 V
- 380 nm + 480 nm + 660 nm + 730 nm



MW
MEAN WELL

OSRAM

SAMSUNG

inventronics

CE
CREE



HortiBloom

Best LED Grow Lights



JORGE LLUC SIERRA

Hortibloom Led sales manager Spain.

Technical specialist in vegetative photobiology and spectrometry. Over 20 years of experience in indoor cannabis growing. More than 3 years in the pharmaceutical division with several successful projects in large professional facilities.



JOSEBA CERMEÑO

Projects and engineering manager

Electrical engineer for facility design. Extensive experience developing projects for large facilities.

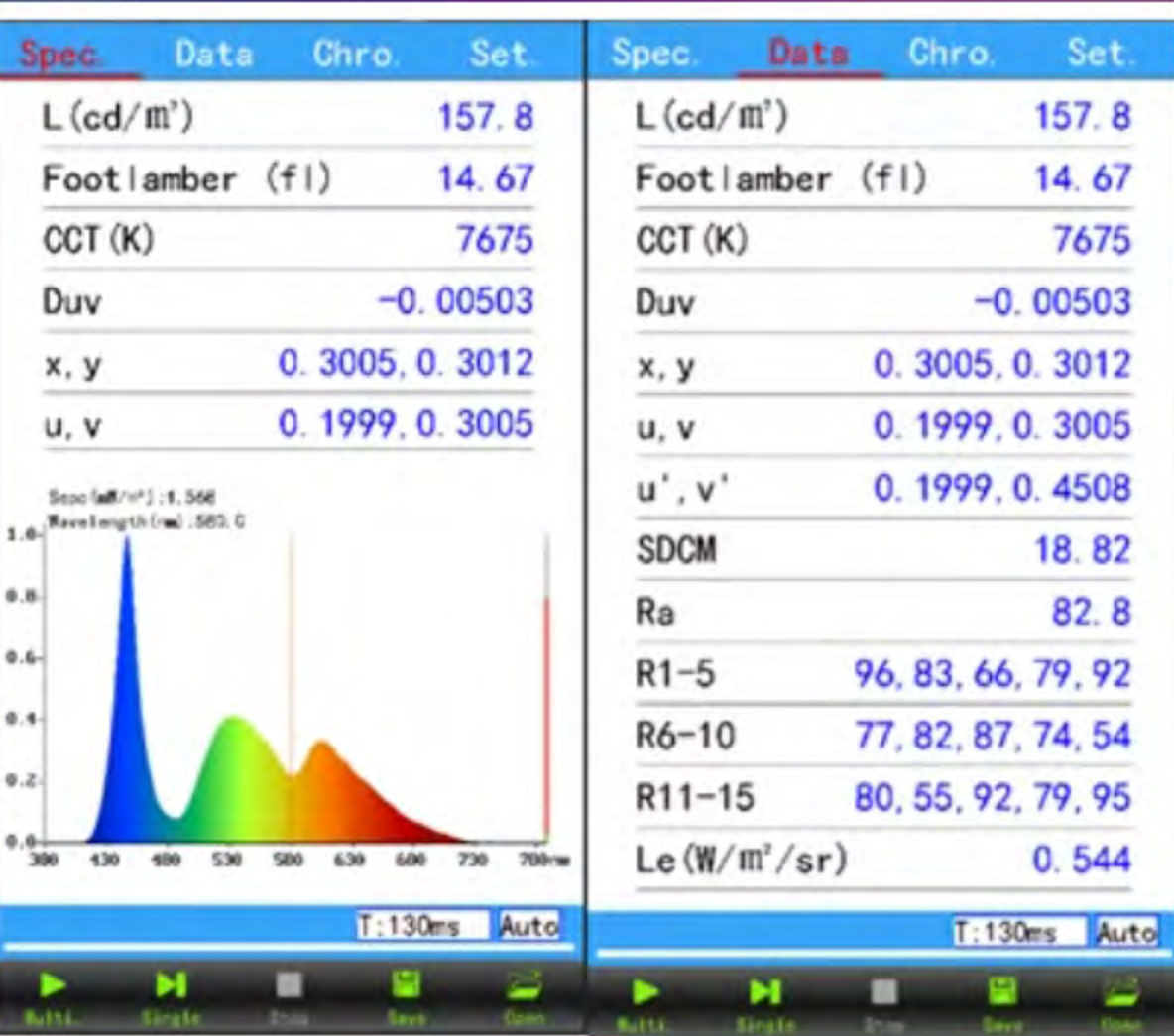
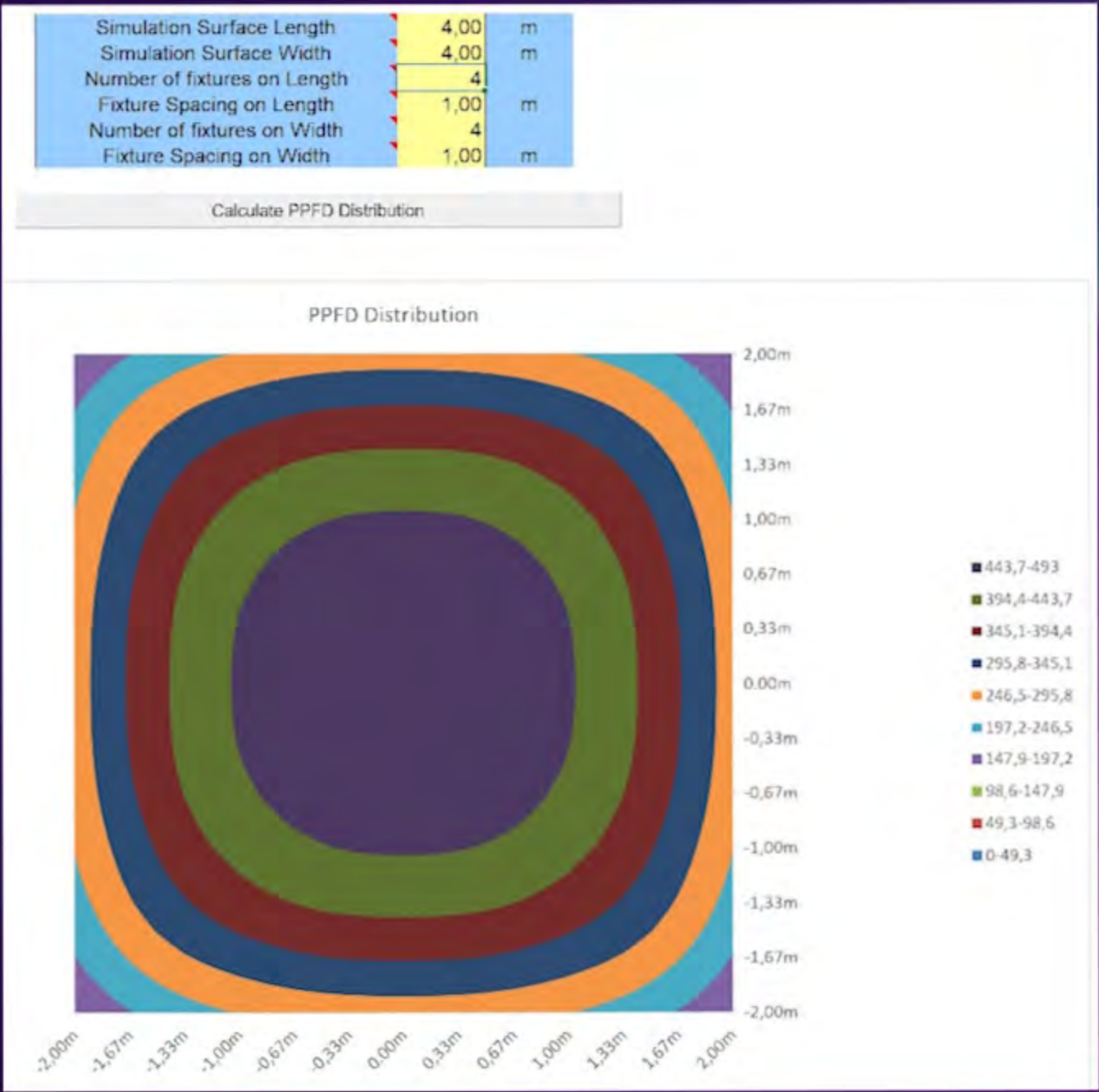
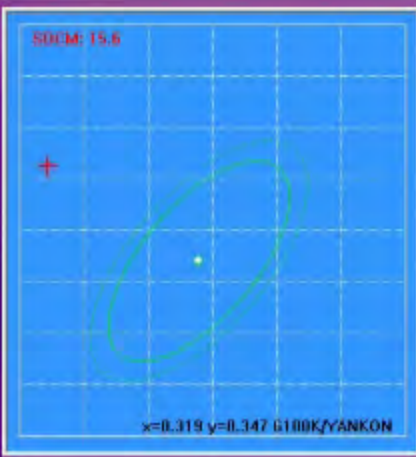
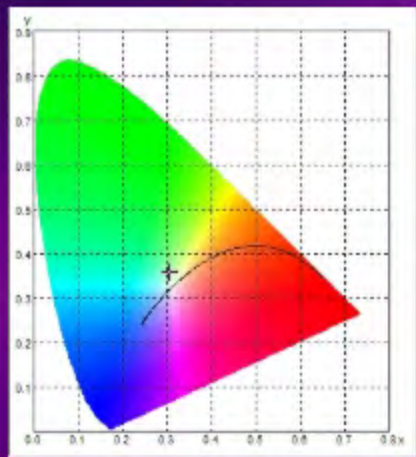
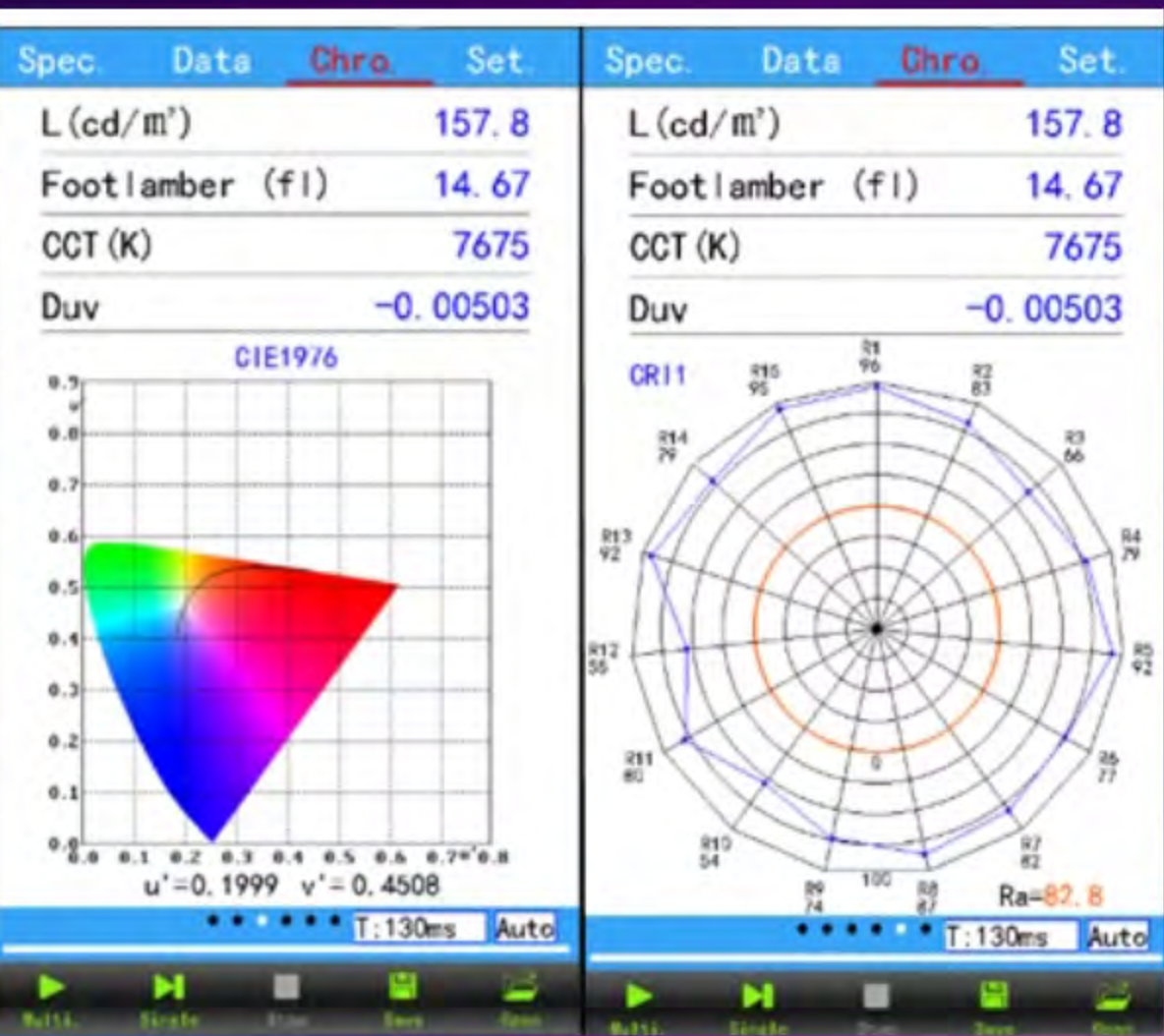
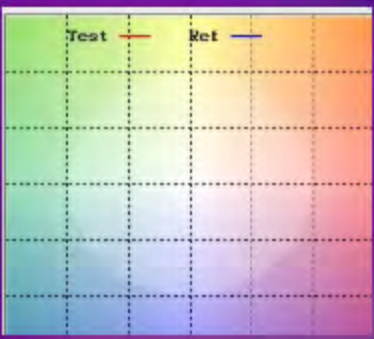
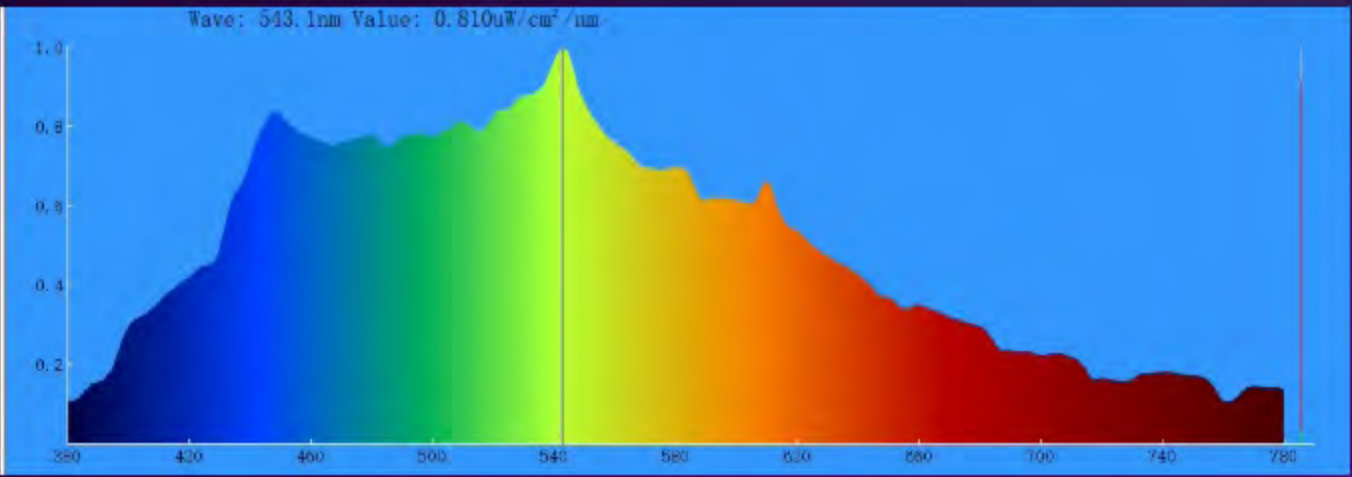
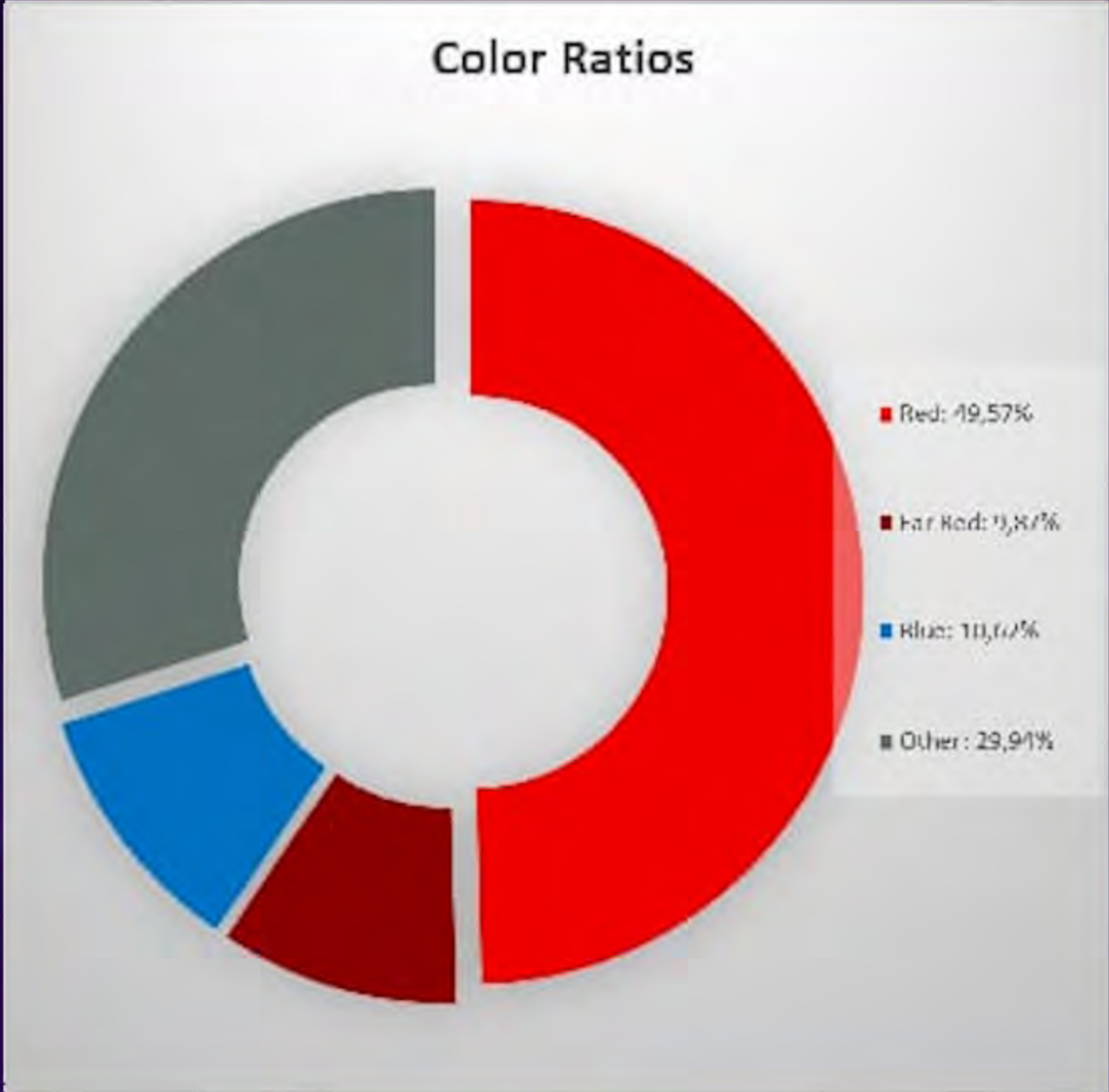
Each and every one of our **29 employees** that make up HortiBloom's workforce are extensively trained and qualified for each of the various functions and specific work areas in which they occupy their position and perform their duties.

Projet consulting.

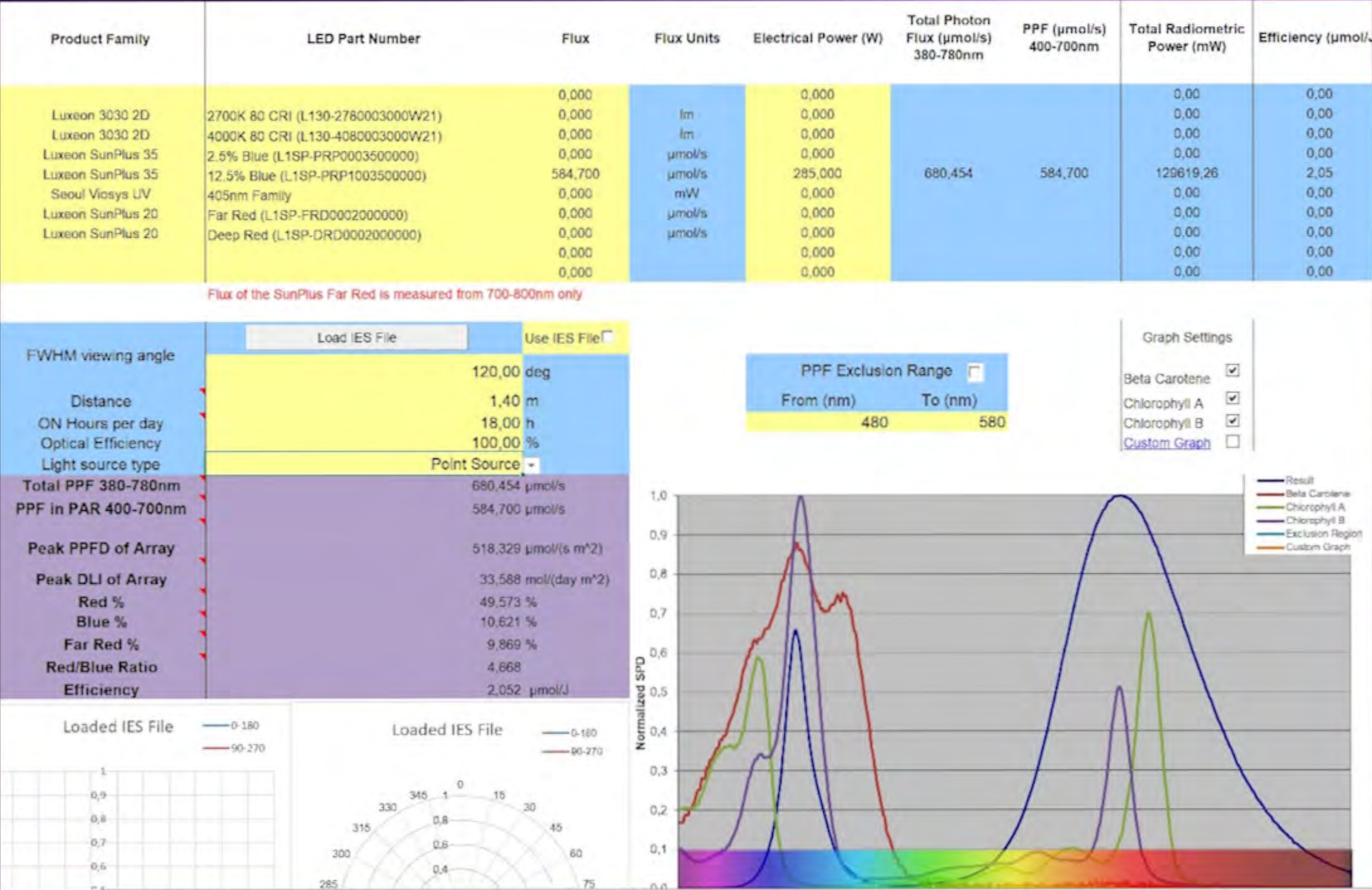
Ouer main mission is to ensure good light homogenity throughout the growing area using all the tools that we have.
With these customized studies, we achive complete coverage, thus ensuring complete coverage with higg PPFD velues and optimicing energy costs.

UE Proffesional Pharma Projets Division

HortiBloom
Best LED Grow Lights



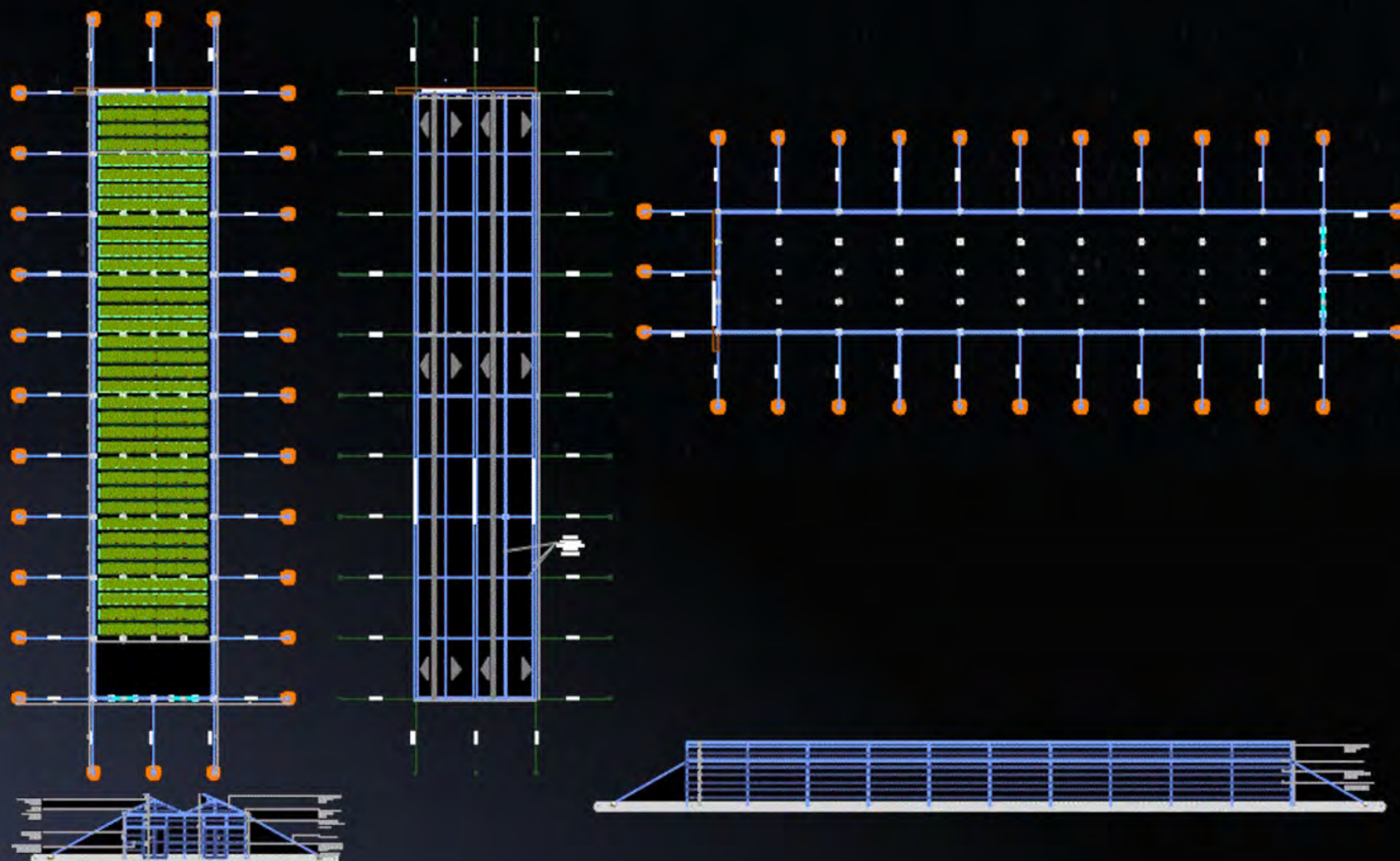
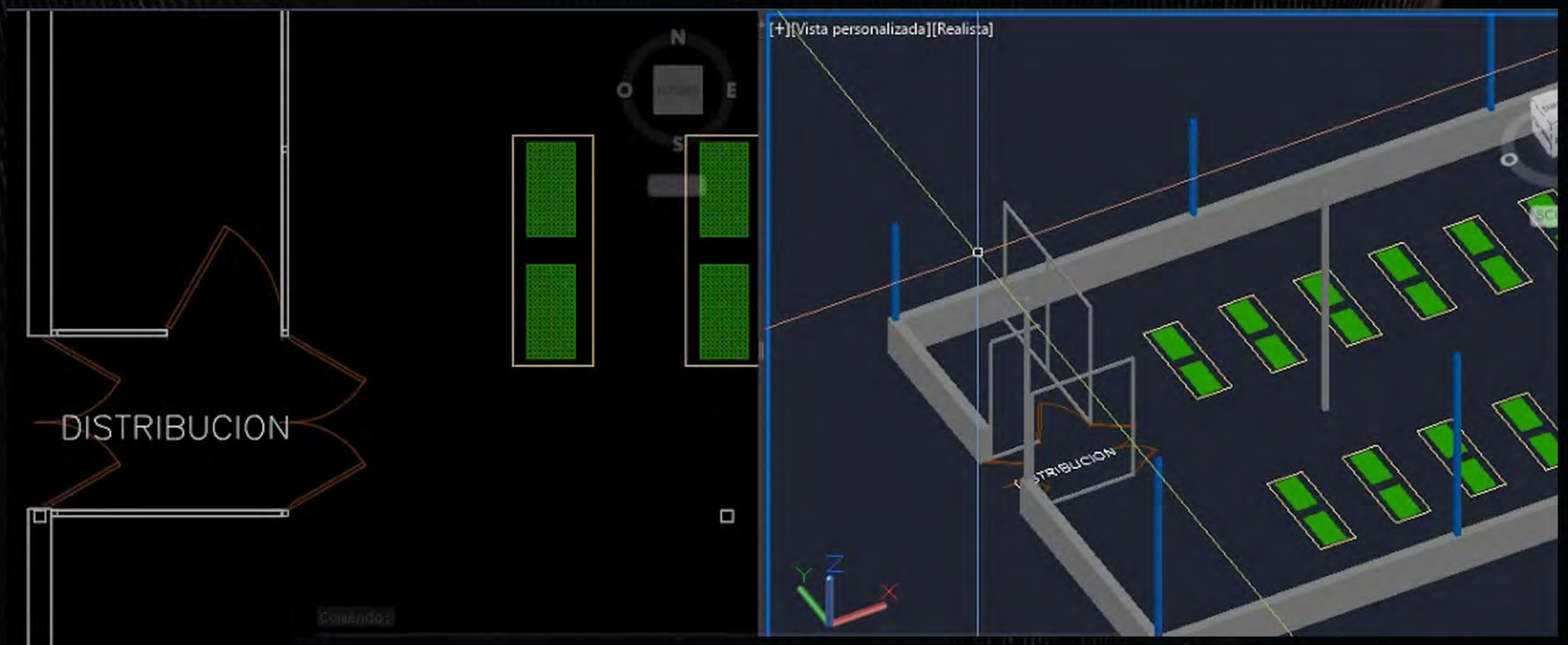
PPF per 10nm	
Wavelength Range (nm)	PPF (µmol/s)
350-359	4,096E-02
360-369	3,790E-02
370-379	6,989E-02
380-389	2,079E-01
390-399	1,087E+00
400-409	5,050E+00
410-419	1,914E+01
420-429	2,228E+01
430-439	1,021E+01
440-449	4,091E+00
450-459	1,668E+00
460-469	6,858E-01
470-479	3,763E-01
480-489	3,175E-01
490-499	4,211E-01
500-509	6,720E-01
510-519	1,064E+00
520-529	1,773E+00
530-539	3,082E+00
540-549	5,653E+00
550-559	1,032E+01
560-569	1,797E+01
570-579	2,858E+01
580-589	4,052E+01
590-599	5,122E+01
600-609	5,833E+01
610-619	6,095E+01
620-629	5,954E+01
630-639	5,470E+01
640-649	4,799E+01
650-659	4,054E+01
660-669	3,326E+01
670-679	2,654E+01
680-689	2,049E+01
690-699	1,574E+01
700-709	1,188E+01
710-719	8,846E+00
720-729	6,518E+00
730-739	4,805E+00
740-749	3,494E+00
750-759	3,010E+00
760-769	0,000E+00
770-779	0,000E+00
780-789	0,000E+00
790-799	0,000E+00



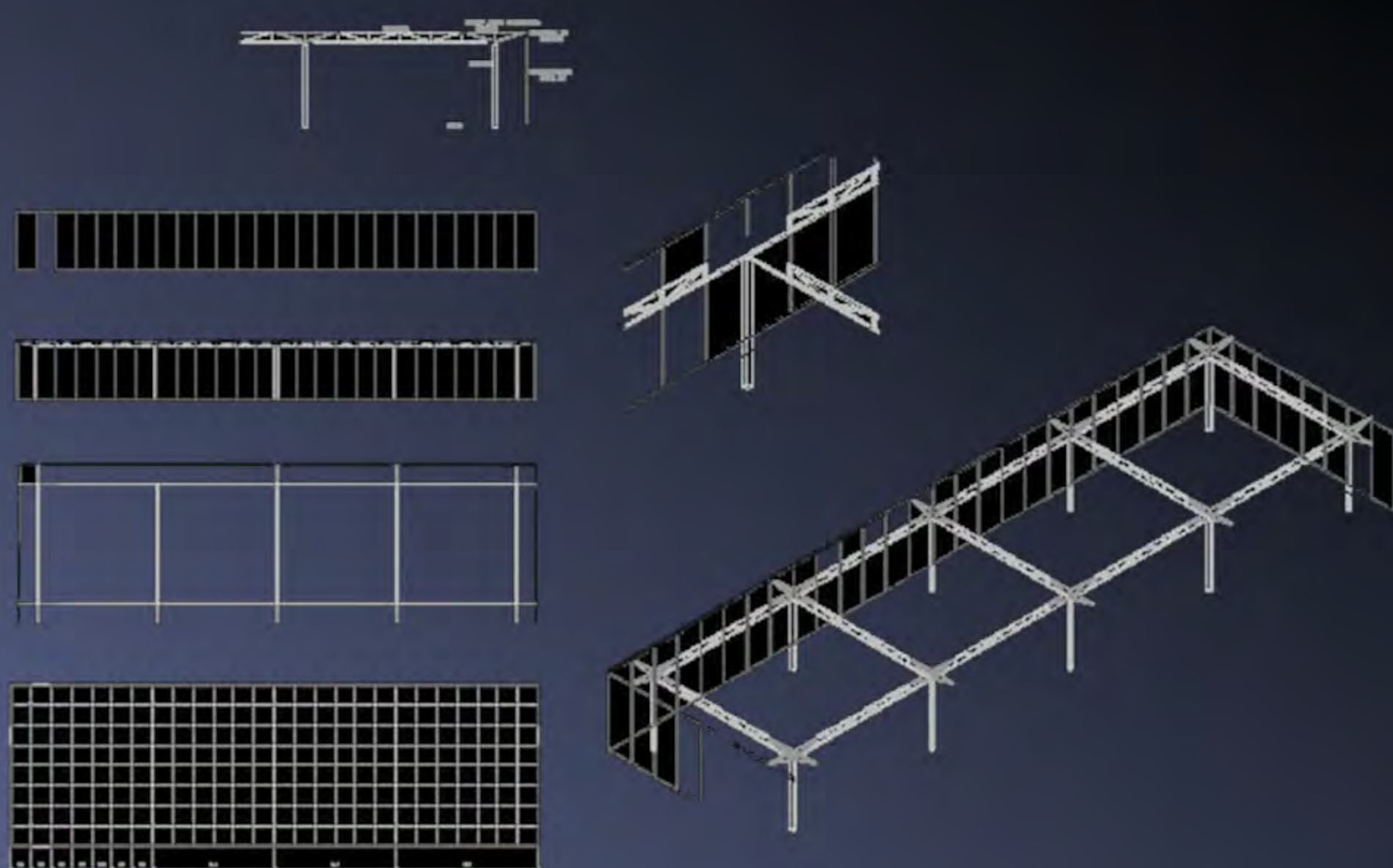
3D Projects with plans showing the ideal location of the lighting systems.

Once we have all the necessary data and measurements of the installations provide by the client, we proceed to study the light distribution in the room and growing area.

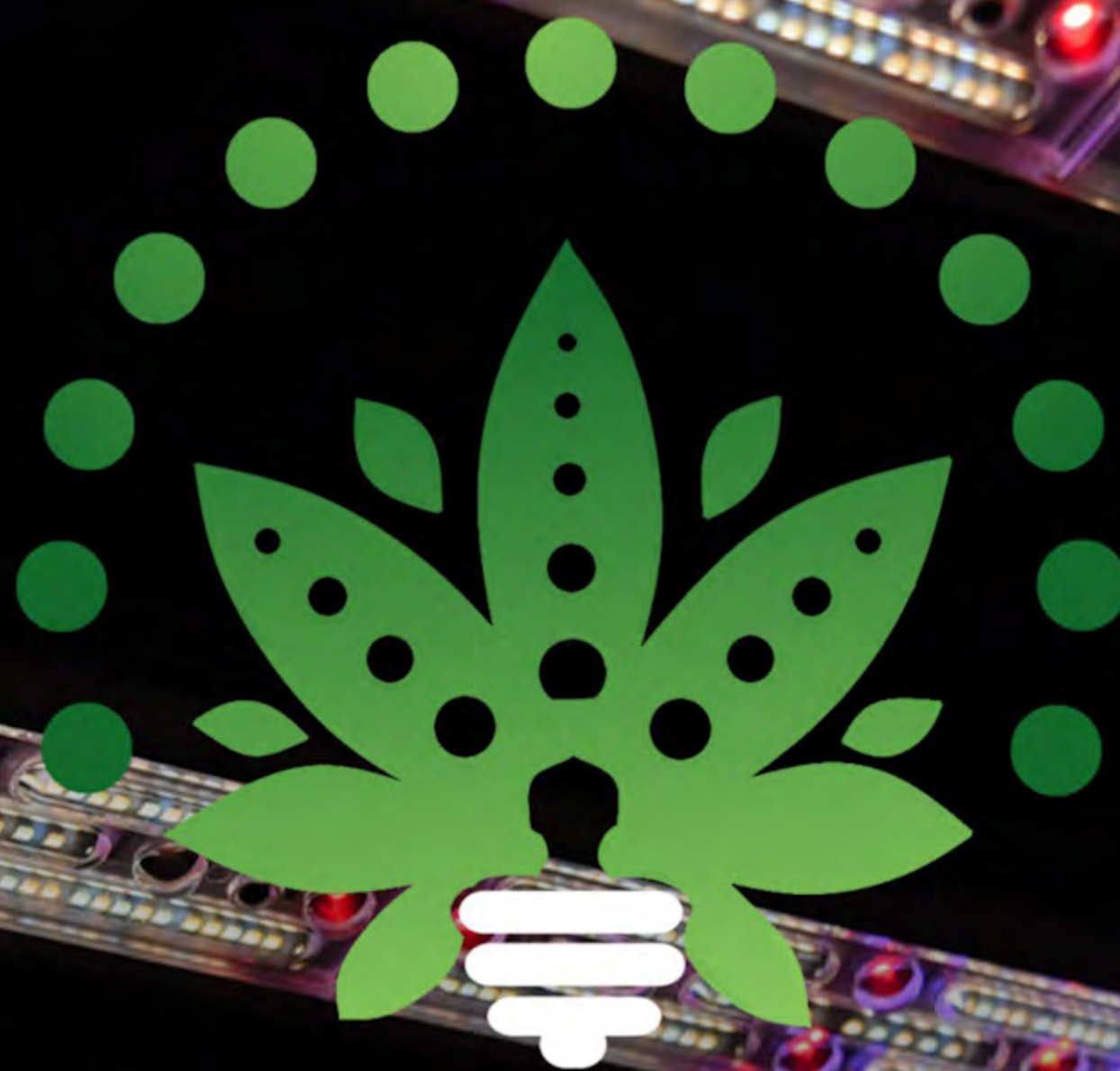
With this projects, we aim to guarantee the results in future PPFD readings.



Performing preliminary designs with our software ensures that the distribution of the micromoles/m/s will always be correct in the future. These programs, in turn, will provide to us heat maps and homogeneous light scattering.



Each and every tool and program used is optimized and adapted for indoor cannabis growing. Our goal is to ensure that everything related to lighting is never a problem, allowing our clients and partners to focus on growing, optimizing results and profits.



HortiBloom.es
Best LED Grow Lights

See your plants in a whole new light
all of our LEDs maximize growth potential



WWW.HORTIBLOOM.ES



OSRAM

SAMSUNG

inventronics

CREE