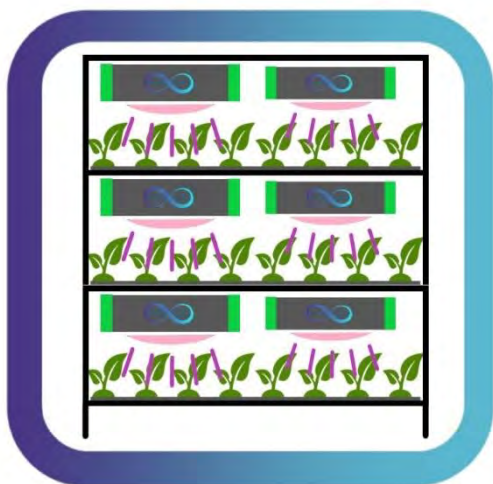
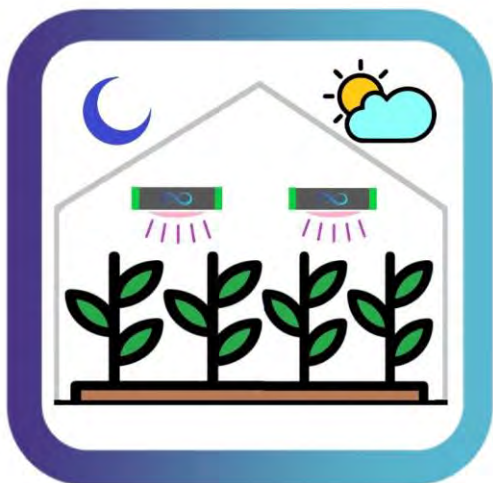


HORTICULTURE LIGHTING 2024

OLFER
The Power Supply Company



SPECIAL GROW



ABOUT US

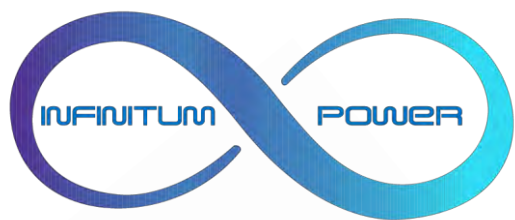
Electrónica OLFER, S.L. is a company founded in 1975, with branches throughout Spain and Portugal, dedicated to the distribution of electronic components and in continuous evolution and adaptation to market changes. Since 2017 we have had a business line dedicated to “Lighting for Horticulture” based in Almería and we have an experienced team for each type of applications, sectors and products that allows us to provide global and value-added solutions. We market our own brand, **INFINITUM POWER**, and among others, the products of the multinational MECHATRONIX, with extensive experience in this horticultural field with hundreds of hectares already installed, touching all types of crops and applications.

Sectors:

- Telecommunications.
- Energy efficiency.
- Railway.
- Industrial.
- Medical.
- Solar.
- LED lighting.
- Home automation.
- **HORTICULTURE.**



OUR PRODUCTS



Series 315



Series 351



Series 350

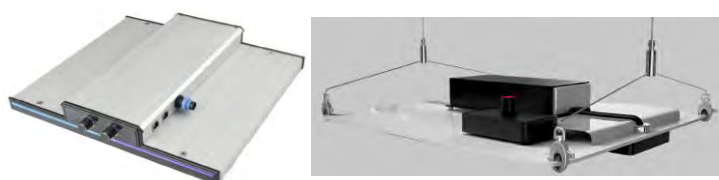
Series 497



Series 514



Series 434-443



MechaTronix

CoolStack



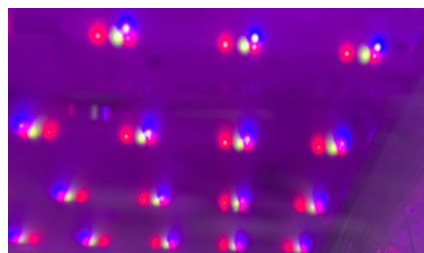
Compact



CoolGrow Linear



CoolGrow VF



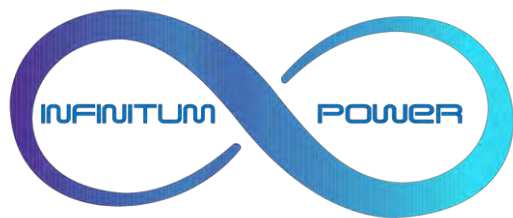
CASAMBI



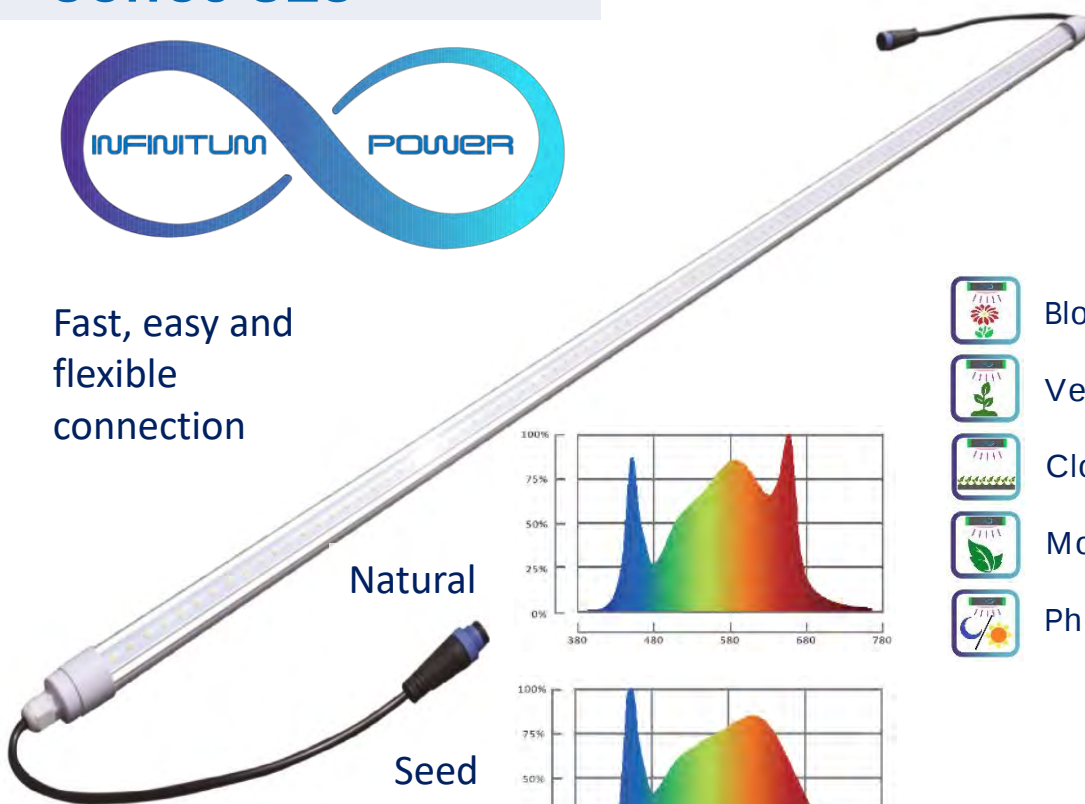
Accessories



Series 315



Fast, easy and
flexible
connection



Bloom



Vegetative growth



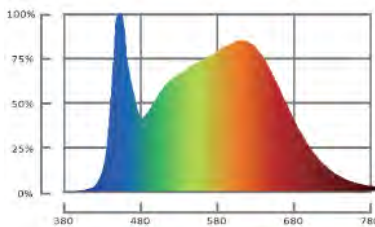
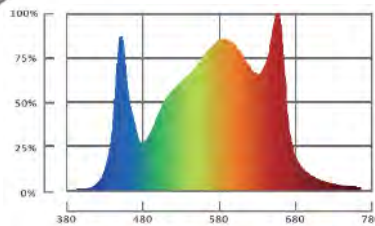
Clones



Mothers



Photoperiod



LP-004

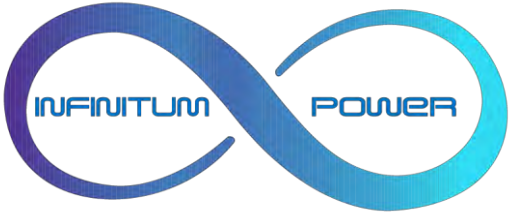
LP-009/008

LP-005



Model	Power W	PPF μmol/s	Spectrum	Efficiency μmol/J	Dimming	Driver	Dimensions (LxWxH) mm	Life (h)	Use	Waranty years
LP-006 (007)	9	19,8	Seed	2,2	No	Int	1200x25,4x25,4	36000	Vegetativo	3
LP-010 (009)	9	19,8	Natural	2,3	No	Int	1200x25,4x25,4	40000	General	3
LP-013 (019)	28	67,2	Seed	2,4	No	Int	1200x25,4x25,4	40000	Vegetativo	3
LP-007 (008)	28	67,2	Natural	2,4	No	Int	1200x25,4x25,4	40000	General	3
LP-011 (011)	9	16,2	660nm	1,8	No	Int	1200x25,4x25,4	50000	Especial	3
LP-012 (004)	9	13,5	UV+Blue	1,8	No	Int	1100x25,4x25,4	10000	Especial	3

Series 351



Bloom



Vegetative growth



Mothers



Photoperiod



LP-015



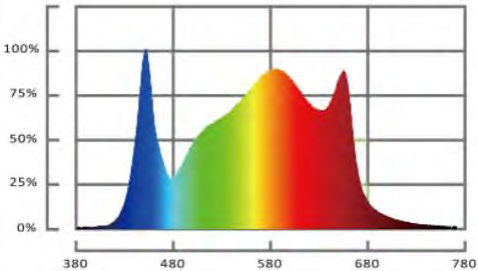
LP-020



LP-029

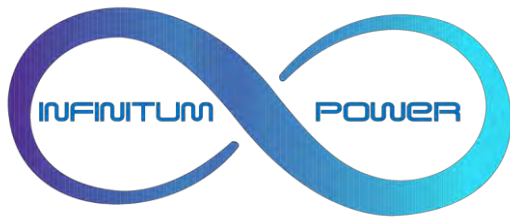


Natural



Model	Power W	PPF μmol/s	Spectrum	Efficiency μmol/J	Dimming	Driver	Dimensions (LxWxH) mm	Life (h)	Use	Warranty years
LP-014 (008)	630	1512	Natural	2,4	0-10V	Ext	850x140x70	40000	General	3
LP-023 (009)	625	1625	Flowering	2,56	0-10V	Ext	850x140x70	40000	Especial	3
short-2	300	840	Flowering	2,8	0-10V	Ext	510x140x70	40000	Floración	3

Series 350



Fast, easy and flexible connection



Self-locking waterproof connector



Bloom



Vegetative growth

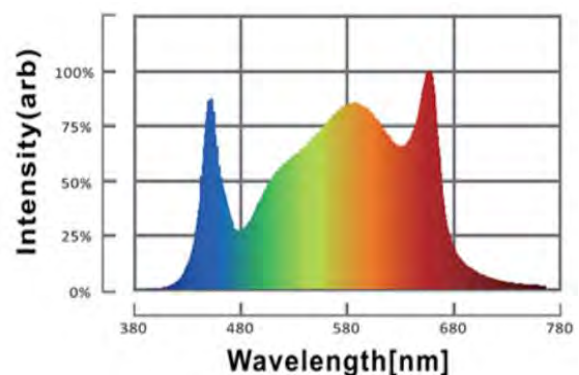


Mothers



Photoperiod

Natural



LP-025

LP-030

LP-026

LP-027/28/36

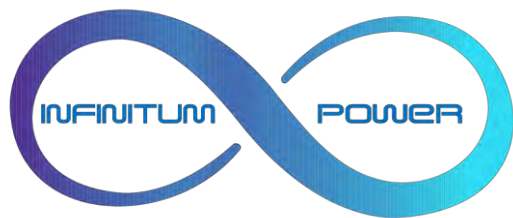
LP-038/39



RoHS

Model	Power W	PPF $\mu\text{mol/s}$	Spectrum	Efficiency $\mu\text{mol/J}$	Dimming	Driver	Dimensions (LxWxH) mm	Life (h)	Use	Warranty years
LP-024 (012)	190	456	Natural	2,4	1-10V	Int	1200x80x70	40000	General	3

Series 497



Bloom



Vegetative growth



Clones



Mothers

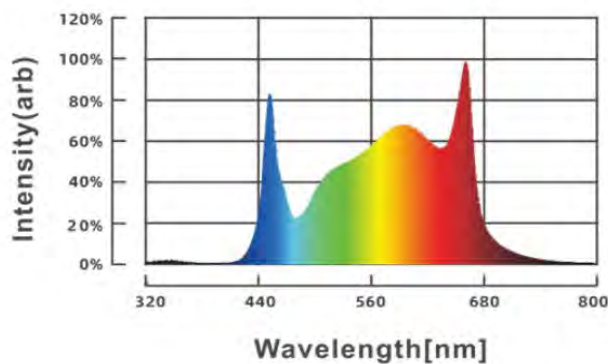


Photoperiod

Fast, easy and flexible connection

Adjustable intensity

Natural



LP-004



WE-001



LP-036
LP-037

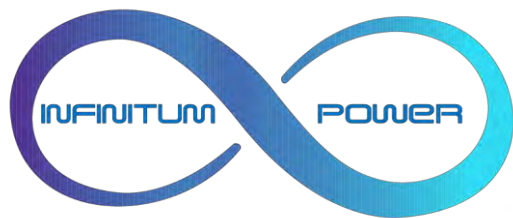


RoHS

Model	Power W	PPF $\mu\text{mol/s}$	Spectrum	Efficiency $\mu\text{mol/J}$	Dimming	Driver	Dimensions (LxWxH) mm	Life (h)	Use	Warranty years
LP-035 (20 tub)	560	1400	Natural	2,5	0-10V	Ext	1200x25,4x25,4	50000	General	3
LP0003 (28 tub)	840	2100	Natural	2,5	0-10V	Ext	1200x25,4x25,4	50000	General	3
LP0003 (28 tub)	1135	2837,5	Natural	2,5	0-10V	Ext	1200x25,4x25,4	50000	General	3

Series 514

OLFER
The Power Supply Company



Bloom



Vegetative growth

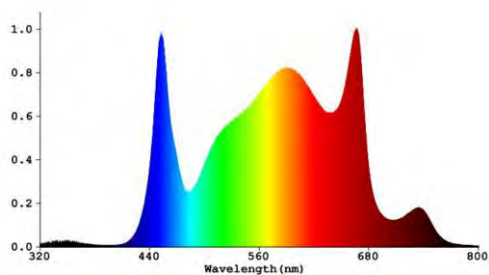


Mothers



Photoperiod

Flowering



LP-036
LP-042



LP-041



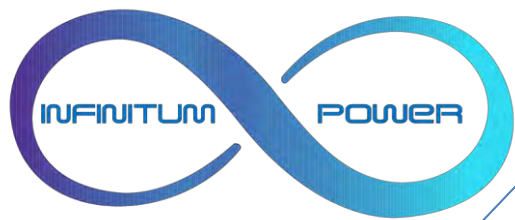
LP-043



RoHS

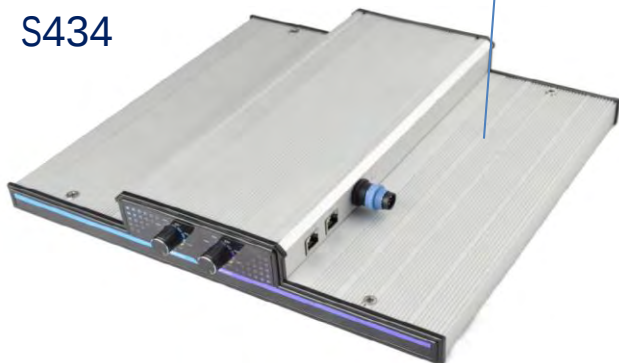
Model	Power W	PPF $\mu\text{mol/s}$	Spectrum	Efficiency $\mu\text{mol/J}$	Dimming	Driver	Dimensions (LxWxH) mm	Life (h)	Use	Warranty years
LP-040 (6 bar)	720	2016	Flowering	2,8	0-10V	Ext	1110x1109x60	50000	Floración	3
LP0002 (8 bar)	800	2240	Flowering	2,8	0-10V	Ext	1110x1109x60	50000	Floración	3
LP0003 (8 bar)	1000	2800	Flowering	2,8	0-10V	Ext	1110x1109x60	50000	Floración	3

Series 434-443

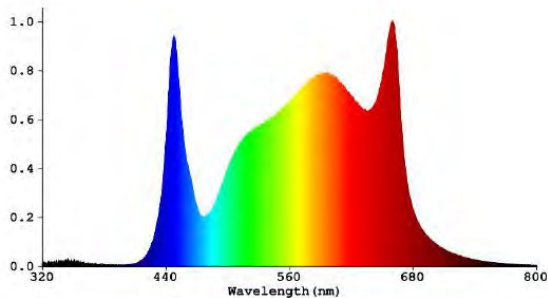
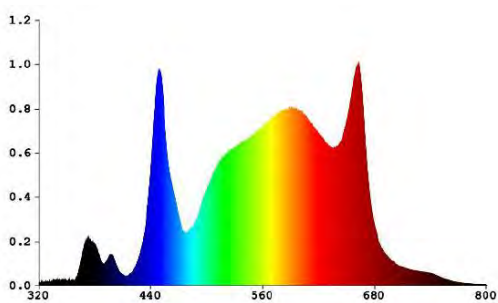
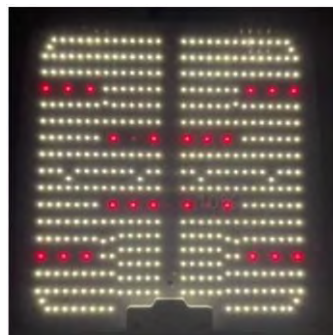
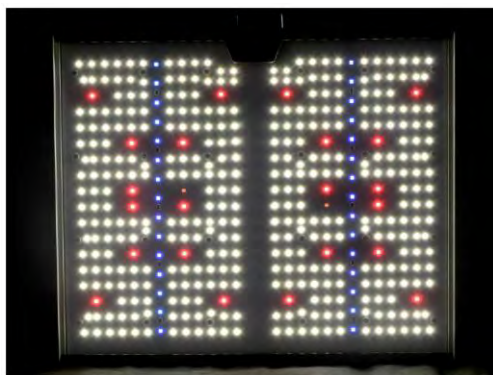


- Full spectrum: 50,000Hrs at Q90 / UV spectrum: 10,000Hrs at L70
- RJ45 interconnection cable

S434



S443



RoHS

Model	Power W	PPF μmol/s	Spectrum	Efficiency μmol/J	Dimming	Driver	Dimensions (LxWxH) mm	Life (h)	Use	Warranty years
(434) 003-005	160	345	Flowering	2,3	Opcional	Ext	12,68x13,90 inch		Floración	2
(434) 004-006	320	690	Flowering	2,3	Opcional	Ext	24,02x13,90 inch		Floración	2
(443) 003	150	345	Natural	2,3	Si	Ext	350x320	40000	General	2



CoolStack® 5RBHW MAX HV HC

Differents angles

Single-phase or three-phase

Various intensities

Different spectrums

Dual Drive version



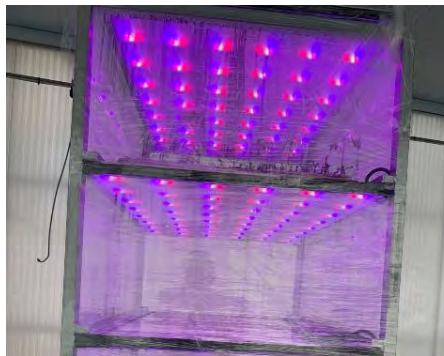
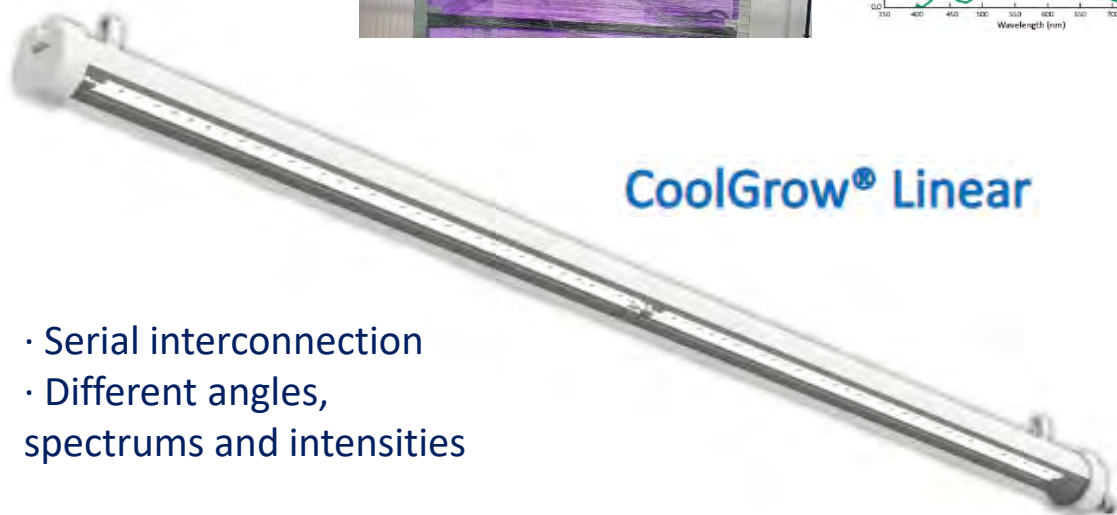
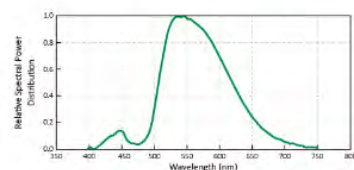
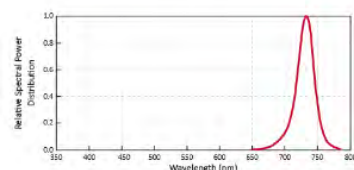
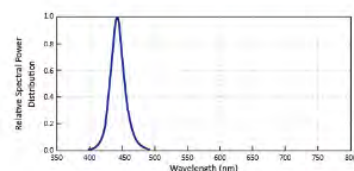
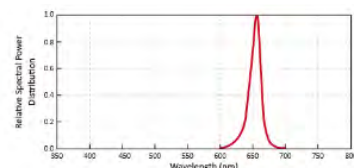
CoolStack® 5RBHW COMPACT

**RoHS**

Model	Power W	PPF μmol/s	Spectrum	Efficiency μmol/J	Dimming	Driver	Dimensions (LxWxH) mm	Life (h)	Use	Warranty years
MAX LV HC	1248	4120	Consultar	3,3	0-10V	Ext	1000x170x160	75000	Especial	3
BOOST	880	2850	Consutar	3,18	0-10V	Ext	1000x170x160	75000	Especial	3
COMPACT	680	2250	Consultar	3,31	0-10V	Ext	515x170x160	75000	Especial	3



CoolGrow® VF

Configurable
spectrum

CoolGrow® Linear

- Serial interconnection
- Different angles, spectrums and intensities



RoHS

Model	Power W	PPF $\mu\text{mol/s}$	Spectrum	Efficiency $\mu\text{mol/J}$	Dimming	Driver	Dimensions (LxWxH) mm	Life (h)	Use	Warranty years
Linear 40	40	131	Selecionable	2,8	0-10V	Ext	1160x55x50	50000	Especial	3
Linear 60	60	193	Selecionable	3,3	0-10V	Ext	1160x55x50	50000	Especial	3
VF	200	< 600	Configurable	< 3,0	Si	Int	750x1200x70	50000	Especial	3

CASAMBI

CASAMBI technology is the easiest and most intuitive way to have an intelligent lighting control system.



It is an App that connects, via Bluetooth, with the luminaires, creating a network, so it does not require special wiring in the installation, this allows:



Different activation times



Progressive on and off simulating sunrise or sunset



Progressive ignition on cloudy days



Synchronized with daily sunrise or sunset



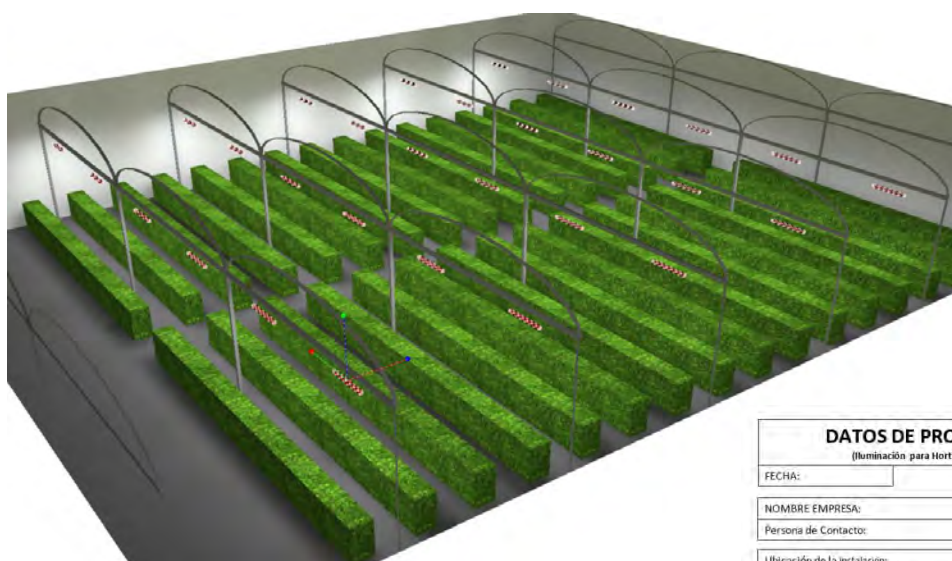
Plants receive the same amount of light all year round



OLFER offers: Training, parameterization and monitoring

What we can offer

- o Specific study of each project
- o Installation data collection
- o Use of the most advanced tools to prepare the lighting study
- o We propose the use of the ideal equipment for each occasion.
- o We provide technical advice on its use
- o Installation Tracking



DATOS DE PROYECTO (Iluminación para Horticultura)		OLFER
FECHA:	Nº DE PROYECTO: PY	
NOMBRE EMPRESA:		
Persona de Contacto:	Telf.:	
Ubicación de la instalación:		
Tipo de explotación:	Tipo de Inv.:	
	(m ²) Superficie total.	Tipo de Estructura.
	(m ²) Superficie a Instalar.	Tipo de paredes.
	(O-A) Altura total. (O-B) Alt. Soporte de instalación. (O-C) Alt. máx. de las plantas. (O-D) Alt. del soporte de la planta. (K) Ancho entre columnas del arco. (Y) Largo entre columnas.	
Tipo/s de cultivo/s:		
Periodos de cultivo/s:		
Objetivo del proyecto.		
Tipo de soporte del cultivo.		
Disposición del cultivo.		
	Ventilación:	Instalación eléctrica.
	Calefacción:	Complemento CO ₂ .
Observaciones:		

CHARACTERISTICS

Factors to take into account and that the luminaires must comply with:



Moisture and dust resistant. IP66



Resistant to extreme temperatures



Resistant to harsh conditions



NOT have flicker (micro flicker)



Tailored to the installation site



Offer the necessary light uniformity



Easy installation



Low maintenance



High energy efficiency



With performance guarantee



With the necessary certifications

And also ...



Respectful of the fauna and flora of the environment



Do not interfere with the temperature and humidity conditions of the area

Some pictures







OLFER

The Power Supply Company



Horticulture Lighting

Electrónica OLFER, SL

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NAVES 19-20-21 28108
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rrueda@olfer.com

