

SANlight **EVO-Series**



THE PEAK OF EVOLUTION

Horticultural LED-lighting

THANK YOU FOR CHOOSING SANLIGHT!

Congratulations, you are the proud owner of a SANlight EVO plant lighting system.

Numberless hours have been spent from our passionate team of engineers to develop the most advanced horticulture lighting system available.

In our horticulture laboratory, we have gathered empirical evidence to optimize the SANlight EVO Series for premier indoor cultivation.

With our production in Austria, we ensure highest quality and reliability with our carefully picked high performance components, all while preserving resources from our planet Earth.

The EVO-Series is launched as the peak of evolution in plant lighting. Each model of the EVO-Series is designed for a sophisticated application to maximize plant performance in its unique environment.

When you choose the EVO-Series, we are convinced, that you are choosing the best available product in the horticultural lighting market.

Thank you for choosing SANlight EVO-Series, we're sure your plants will.



Martin Anker
Founder & CEO



Lukas Werle
Research & Development



Benjamin Flatz
Head of Botany

Better light, better plants

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MARTIN ANKER
CEO & FOUNDER SANLIGHT



**IN THE HEART
OF THE AUSTRIAN ALPS**



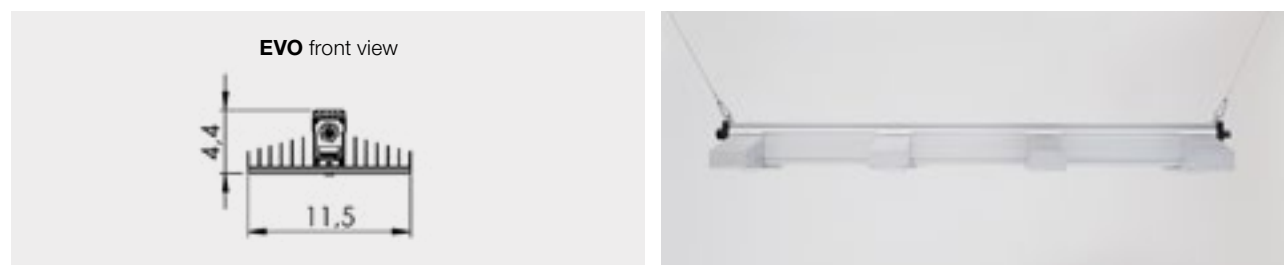
SANLIGHT EVO-SERIES

THE PEAK OF EVOLUTION

The product name consists of the word EVO for evolution in horticulture lighting and two figures. **Example:** EVO 4-120 EVO-Series Led luminaire with four light modules, optimised for 120 cm (4 ft.) side length.

EVO **X** - **XXX**
 Product Series Number of Light Modules Optimised for the Side Length of the Cultivation Area

- Patented SEOUL Semiconductor WICOP technology for white LEDs
- Latest Osram Square technology for red LEDs (Gen4)
- Sophisticated secondary optics with asymmetrical radiation for best protection and a maximum homogeneity
- Fitting luminaire for every application
- IP65 (dust and water-resistant)
- Developed and manufactured in Austria
- Tested in Austria, Switzerland and USA



TECHNICAL PROPERTIES

Electrical Properties	EVO 3	EVO 4	EVO 5	EVO 6
Typ. Power Consumption [W]	200	265	340	400
Power Factor	> 0,95			
Input Voltage Range [VAC]	100 – 240/277 ~ 50/60 Hz			
Max. Input Current [A@220Vac]	0,9	1,15	1,5	1,75
Typ. Inrush Current [A]	65			

Further Properties	EVO 3-60	EVO 3-80	EVO 3-100	EVO 4-80	EVO 4-100	EVO 4-120	EVO 5-100	EVO 5-120	EVO 5-150	EVO 6-120	EVO 6-150
Weight [lbs]	7,7	8,4	9	9,9	10,6	11,2	12,3	13	14,1	15,4	16,5
Overall Length [in]	18,4	25,3	32,2	25,3	32,2	40,1	32,2	40,1	51,9	40,1	51,9
Protection Rating	IP65										
Ambient Operating Temp. [°F]	41 – 95										
Max. Relative Humidity [%]	99										
Emission Wavelength [nm]	400 – 780										
PPF* [μmol/s]	545			725			915			1090	
Module Efficacy [μmol/J]	> 3*										
Angle Of Radiation [°]	asymmetric 90°/112°										
Warranty [years]	3										
Light Maintenance >90 [hours]	90 000										

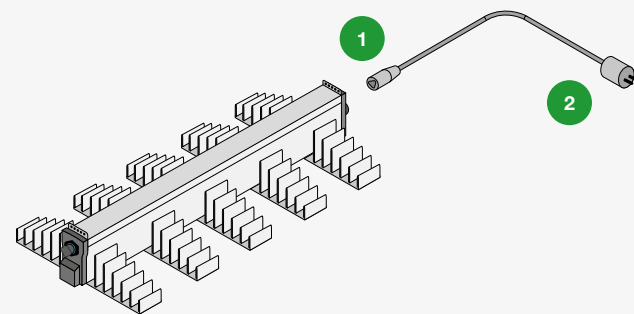
*Module efficacy in the emission wavelength range.

QUICKSTART GUIDE

Setting up your SANlight Grow Light

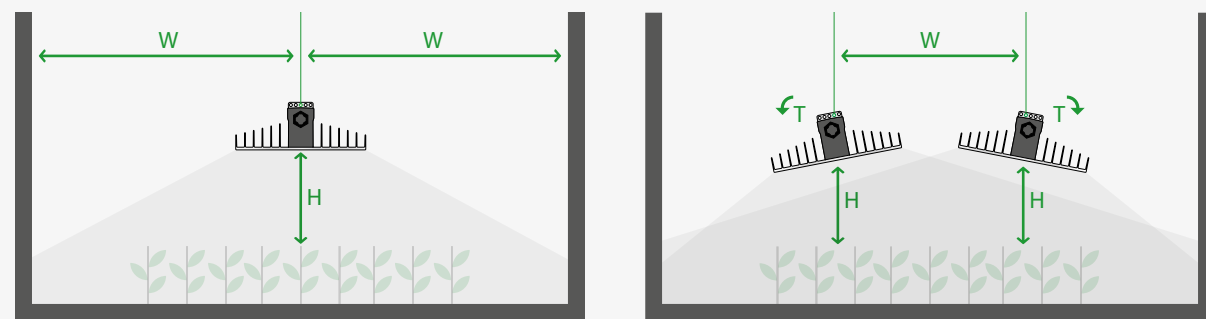
Hang the luminaire in your desired location. Make sure it is securely fastened.

- 1 Plug in your lamp**
First, connect the power supply cable to the luminaire.
- 2 Plug in power supply**
Insert the power plug into the socket.



Recommendations for standard tent sizes

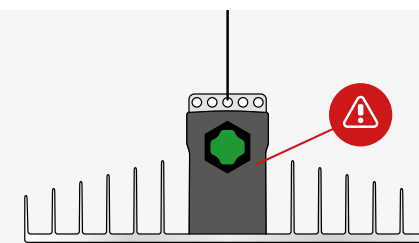
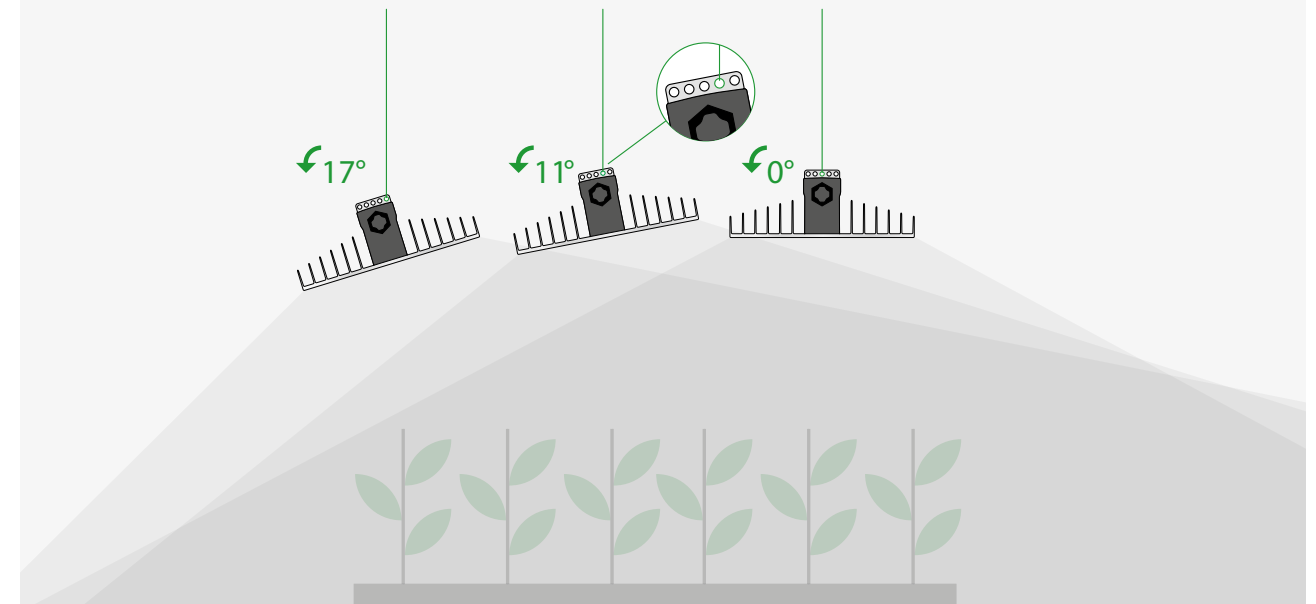
Tent Size	Amount	Model	Height (H)	Position of Luminaire (W)	Tilting° (T)
2x2 ft.	1x	EVO 3-60	15"	central (12" from the walls)	0°
3x3 ft.	2x	EVO 3-100	12"	24" between the lights (8" from the walls)	11°
4x4 ft.	2x	EVO 4-120	12"	28" between the lights (10" from the walls)	11°
5x5 ft.	2x	EVO 5-150	12"	35" between the lights (12" from the walls)	11°



Easy-Tilting-System

With the Easy-Tilting-System you can choose between three different angles.

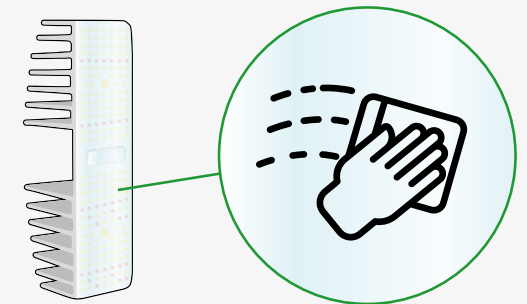
The EVO-Series luminaires have a favourable design, allowing you to hang the luminaire at an inclined angle. This will improve the homogeneity of the illuminated area, especially in small areas.



IP65 protection

Your EVO luminaire is IP65 certified. This means that the entire luminaire is dustproof and protected against water jets. Be aware that this protection is only guaranteed if the end cap or a SANlight dimmer is mounted on the blue connector and the EVO power cable is connected to the black connector.

Warning: The Grow Light is only IP65 protected if the protective cap or a dimmer is attached and the power cable is connected!



Easy to clean

To clean the optics of your EVO luminaire, please use a soft, non-abrasive cloth with distilled water. No cleaning agents needed.

additional components needed

Choose your setup - daisy chaining

There are plenty of different connection options available for the SANlight EVO System, which led us to the conscious decision not to include a power cord to every luminaire. Not only does it protect our planet from senseless pollution, it also saves valuable resources. It allows you the possibility and flexibility to build a system tailored to your needs, and is easier on your wallet.

If space is limited, we recommend using angled supply cables and extension cables. Below you will find all the necessary components to operate two luminaires of the EVO-Series with one power plug. Further connection options can be found on our webpage.

All connections made with SANlight products are IP65 certified. This means that your SANlight System is protected against dust and water jets, and is suitable for safe use even in high humidity. Warning: To preserve IP65 protection all open connectors have to be closed with the EVO Protective Cap (including open connectors of the 3-Way Splitter). The rating doesn't include wall plugs or other non-SANlight electrical connections! Warning: This doesn't include wall plugs or other electrical connections!

1 Extension Cable 3 ft/6 ft

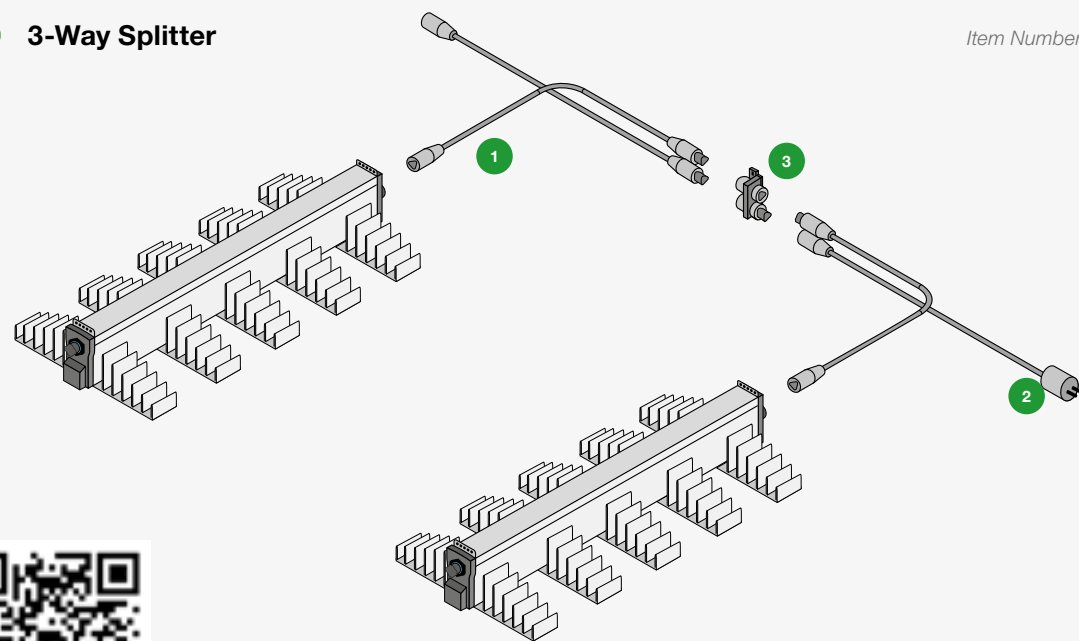
Item Number: AI0040 3 ft (angled), AI0022 3 ft, AI0023 6 ft

2 EVO Power Cable 6 ft

Item Number: AI0041 US plug

3 3-Way Splitter

Item Number: AI0018



Cabling Guide us.sanlight.com/cabeling

Visit us on us.sanlight.com

additional component

Dimmer

Item Number: Magnetic AB0006, Bluetooth AB0007

All luminaires within the EVO-Series are "ready to dimm". There are two different dimmers available: SANlight M-Dimmer and SANlight BT-Dimmer. Be aware that every luminaire must be equipped with its own dimmer.

SANlight M-Dimmer: We recommend this magnetic dimmer especially for smaller installations of up to approximately 10 lights. After the dimmer is connected to your luminaire, you can dim it in 4 steps from 100% to 40%. You can also activate a soft start (simulated sunrise) using the magnetic key supplied.

SANlight BT-Dimmer: The Bluetooth dimmer is recommended for all installations. You can integrate from 1 up to a maximum of 32 000 luminaires into a Bluetooth mesh. Individual lighting groups can easily be set up, dimmed, and controlled.

To connect the dimmer to your luminaire, please follow the instructions below.

1 Protective cap

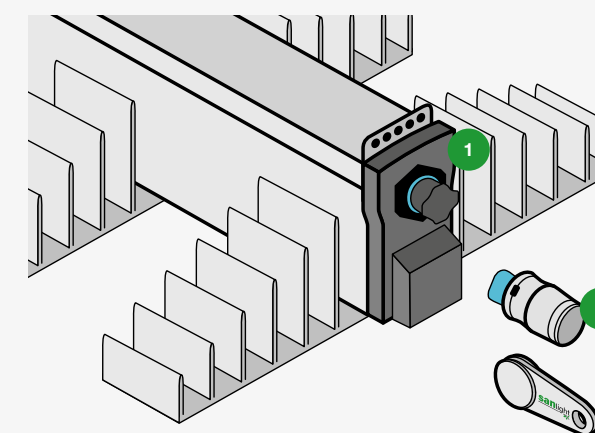
Remove the end cap of the blue connector

2 Dimmer

Plug the dimmer into the blue connector

3 Dimmer Manual

Now follow the individual operating instructions for Bluetooth or magnetic dimmers.










BT-Dimmer us.sanlight.com/dimmers

Visit us on us.sanlight.com



EVO COMPONENTS

	3-Way Splitter Item Number AI0018		EVO protective cap Item Number AI0021
	Extension cable 3 ft. Item Number AI0022		Extension cable 6 ft. Item Number AI0023
	Angled ext. cable 3 ft. Item Number AI0040		EVO power cable 6 ft. Item Number US AI0041
	Dimmer		
	Item Number Magnetic Dimmer	AB0007	
	Item Number Bluetooth Dimmer	AB0006	

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INTERESTING LINKS



US Shop

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Downloads

us.sanlight.com/downloads

Scan here for the user manual

sanlight

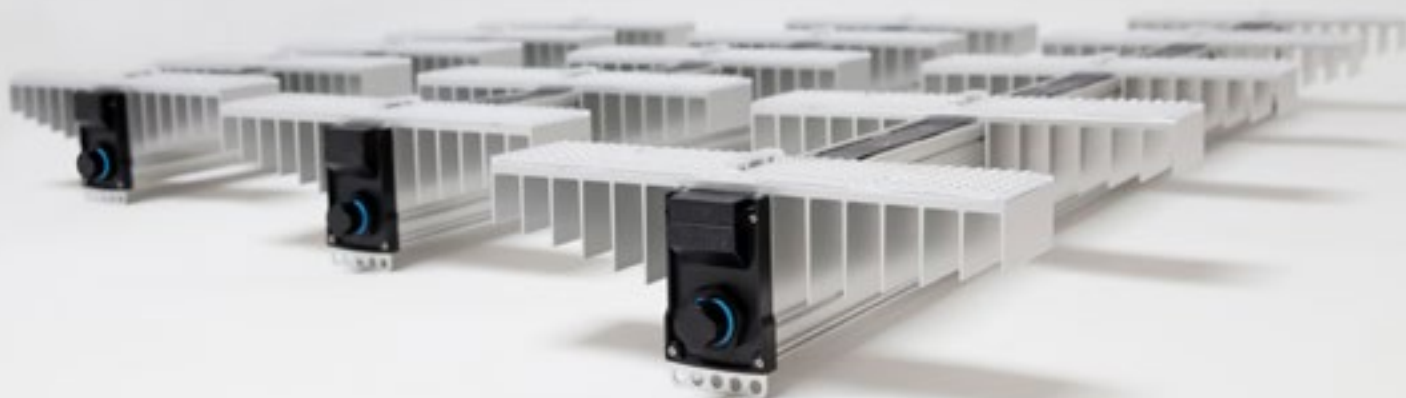
better light, better plants 

EASY
FLEXIBLE
JUST.SANLIGHT
PROFESSIONAL
GOOD

#SANderstatement



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