



Friday, 10 July 2020, 15:00 CEST

EPIC Online Technology Meeting on Precision Horticulture and Agriculture

Christian Hochflizer
General Manager

SANlight Solution GmbH
sanlight
driven by nature 

www.sanlight-solution.com

Our Shareholder SANlight.



SANlight established by
David **S**chmidmayr
Martin **A**Nker

2011

2012

launch of
Illumination Portfolio
for Home Gardeners

2014

illumination
for the professional
Horticulture Industry

2015

SANlight Research lab launched
to grow with customers



2016

2017

200+ offline and online
distribution outlets
worldwide

2018

launch of **SANlight Solution**
with partner **LUMITECH**

2019

SANlight Research opens a
new Grow Laboratory

OUR SHAREHOLDER LUMITECH

YOUR OEM LIGHTING SOLUTION



HUMAN CENTRIC LIGHTING

LED technology and luminaires for biorythmic and biodynamic lighting solutions



FOOD LIGHTING

LED technology for commercial refrigeration and shelf lighting



LINEAR LED SOLUTION

LED technology for luminaires and industrial lighting solutions



IOT – INTERNET OF THINGS

Intelligent control systems for smart LED illumination

Established
1997

Headquarter
• Jennersdorf, Austria

Offices
• Munich, Germany
• Zürich, Switzerland

Production
• Jennersdorf, Austria

Owner of Intellectual Property
• global licensing program for the lighting industry

Operational Excellence
• in house technology and product development
• global sourcing platform
• strong production backbone in eastern Europe
• Logistic hub for European project roll out



Our
Heritage
are
Plants

SANlight Solution
sanlight
driven by nature 

Product Focus.

We develop, plan, manufacture and build smart illumination solutions for the future proof production of



Edible Plants.

Ornamental Plants.



Medicinal Plants.

Algae.



Application Segments.



- Plant Propagation Nursery



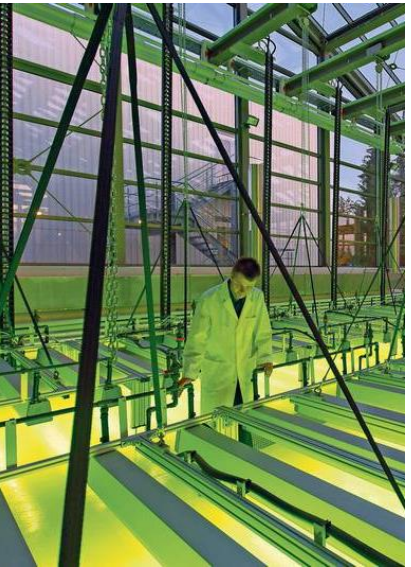
- Vertical Farm



- Greenhouse Trailing-Plants



- Greenhouse Ground Level Plants



- Algae Cultivation

A decade of experience with plants grown under LED light.

We grow with our customers.

Field experience...



... results in solutions for a sustainable production.

CEA – Controlled Environment Agriculture.

With focus on optimised use of resources, production yield **and** tastiness as well as quality of the harvest.

Main drivers:

- Reduce the water consumption
- Minimise the use of space
- Optimise energy consumption
- Low CAPEX
- Thoughtful assignment of personnel

The result:

- Hydroponic Systems
- Vertical Farming
- Year-round production independent of outside (weather)
- Horticulture 4.0



Plant Physiology and illumination with artificial light in CEA.

These interlocking parameters are continuously measured and optimised.



temperature
control



Co₂
control



relative
humidity



lighting
solution



fertilization



plant
protection



irrigation

**We as the solution provider are
teaming up with partners
to create a smart control grid.**



We grow
with Your
Plants

Thank
you!