



shape your light

A new modular lighting
system made in Finland





The designer

Oliver Walter is a German architect living and working in Helsinki. With his participation in outstanding architectural, lighting and art projects he gained a profound insight into the Finnish design methodology.

Wood and bamboo as well as the LED light source have captured his special interest. Sustainable design and production methods are very close to his heart.

In Oliver´s view artificial light should not be used with a simple switch but should instead respond to the user´s intuitive and nuanced interaction.

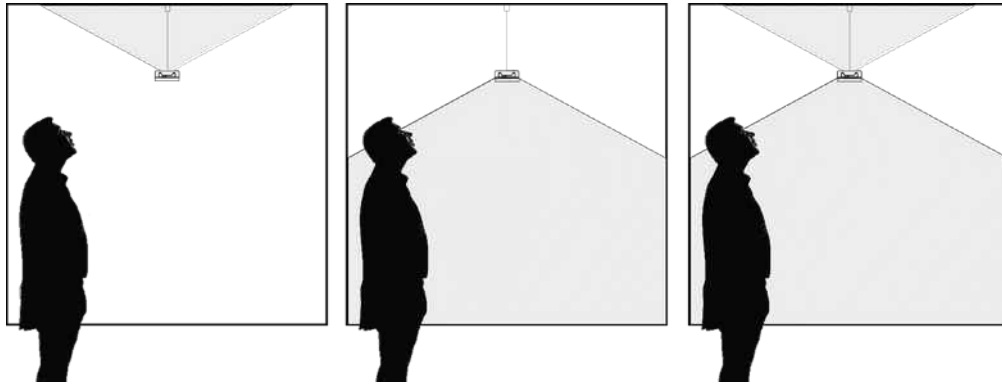
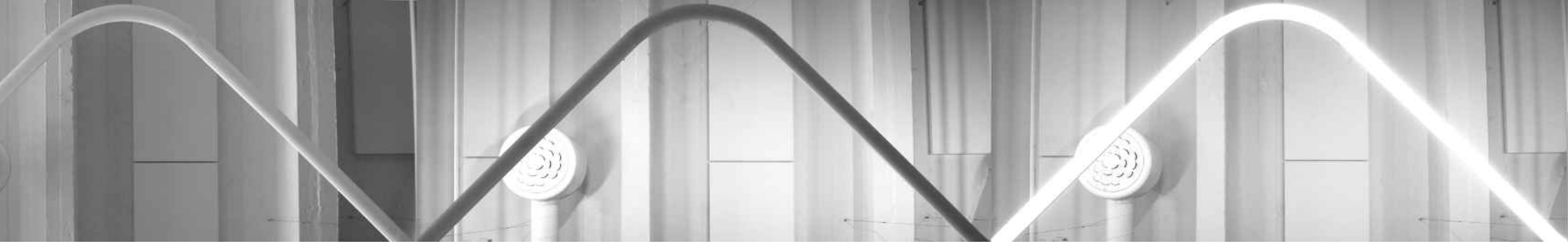
Helsinki, 2022



*“ The LUOlight system is made in Finland
from where it got its inspiration “*

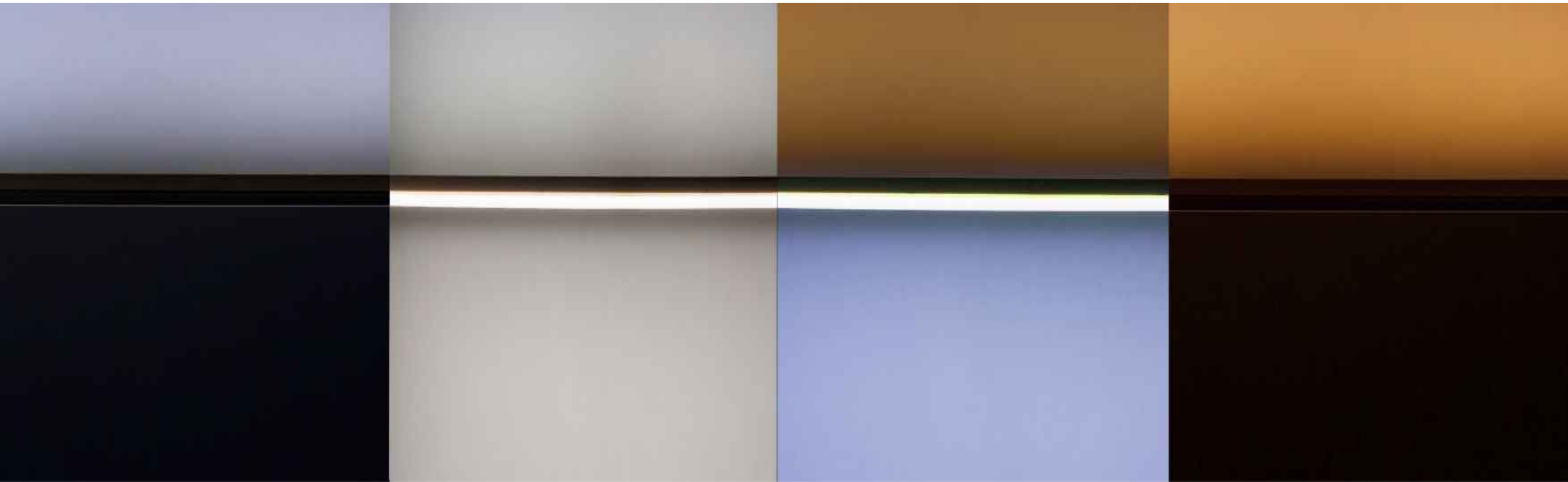
Inspiration LUOlight reminds of natural lighting phenomena in Northern skies. Polar lights swipe the firmament with their curved formations. During a clear summer day in Finland light changes dramatically from an intense cool brightness at noon to a warm golden glow at night

LUOlight brings the effects of natural lighting into the confinements of our urban interior spaces. Warm and cool light has a significant influence on our biorhythm. Cool light increases vitality and reduces fatigue, warm light, on the other hand, creates a sense of comfort. LUOlight is creating both.



Lighting

LUOlight has four independent light sources. Cold and warm white light can be directed up- and downwards. Each of the light components can be dimmed and mixed separately. For example, a ceiling can be illuminated to create a warm mystical effect or the down-light can be dimmed up to supply full functional lighting.



Modularity

The LUOlight system is modular in all its parts. Straight and curved modules can be connected freely in any order to shape circles and lines or a combination of both.



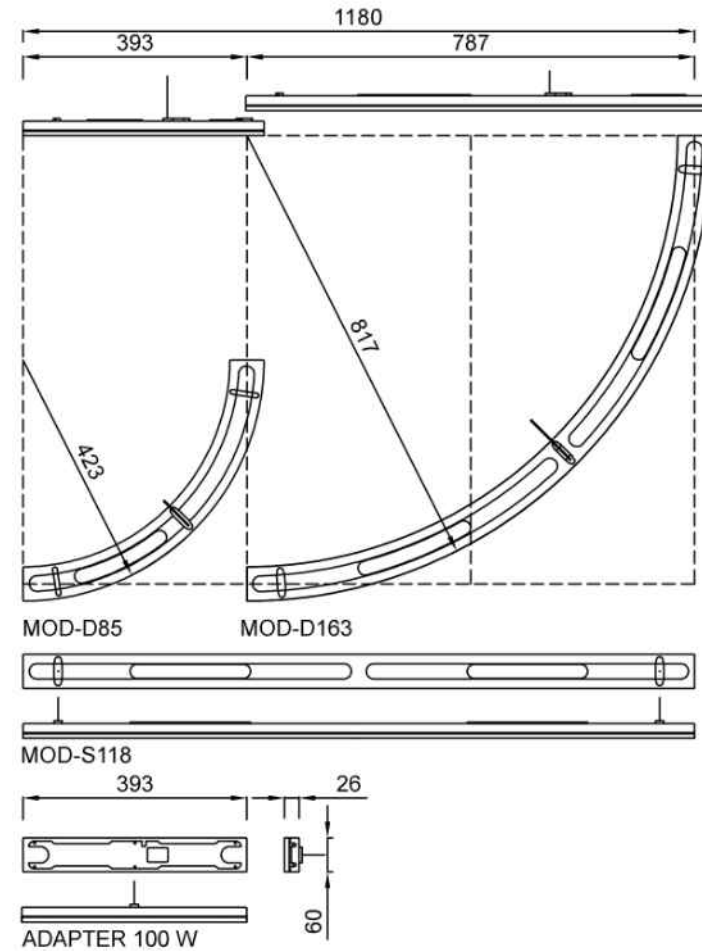
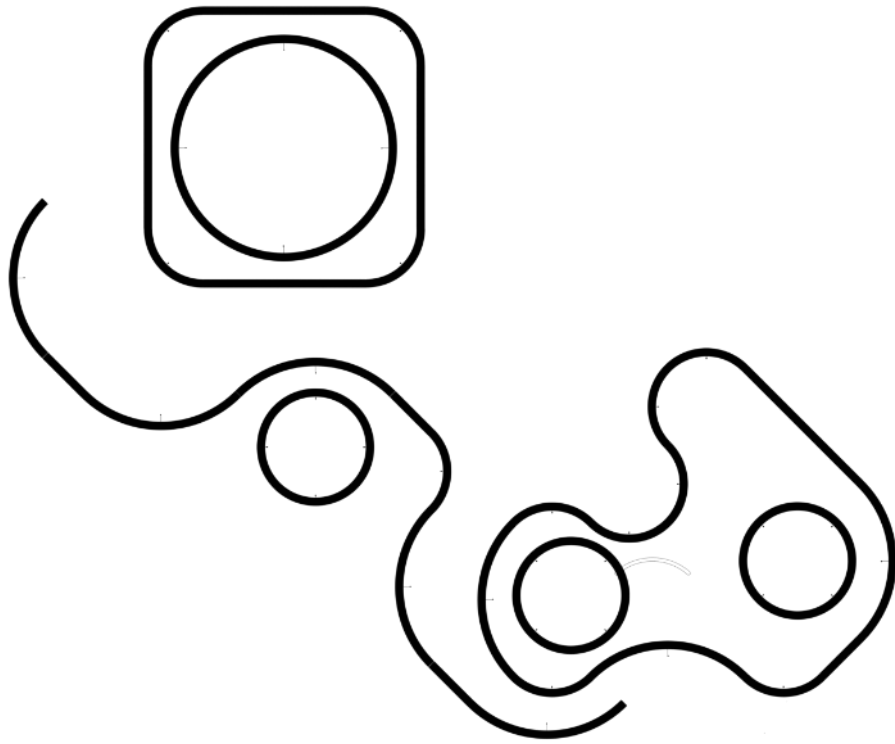
MOD-Power

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Creativity

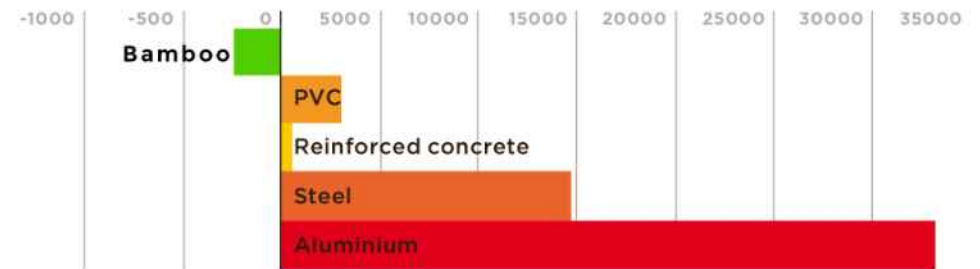
LUOlight gives architects and interior designers an effective tool to complement their plan with a highly modern, flexible, and sustainable lighting solution. LUOlight will unleash your creativity to freely shape light in any surrounding: homes, offices, educational facilities, gastronomy etc.

“ we use bamboo, an unparalleled efficient and sustainable natural resource “

Sustainability

We use certificated bamboo panels from plants that are harvested after just five years of growth. The material is carbon negative which means that the production binds CO2 from the atmosphere.

Each of the LUOlight components can be easily exchanged for future updates. The modules are light in weight and compact in volume. Both has a positive impact on shipping and storage costs.



carbon footprint over life cycle (kg CO2 eq/m³ material)





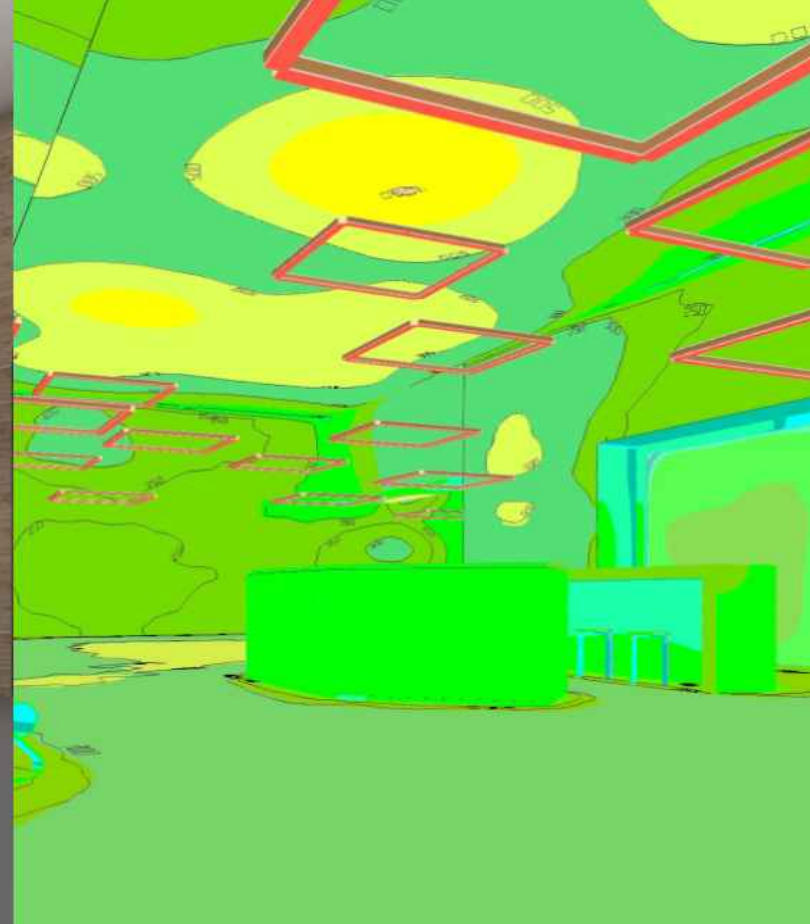
“ designing with LUOlight is great fun”



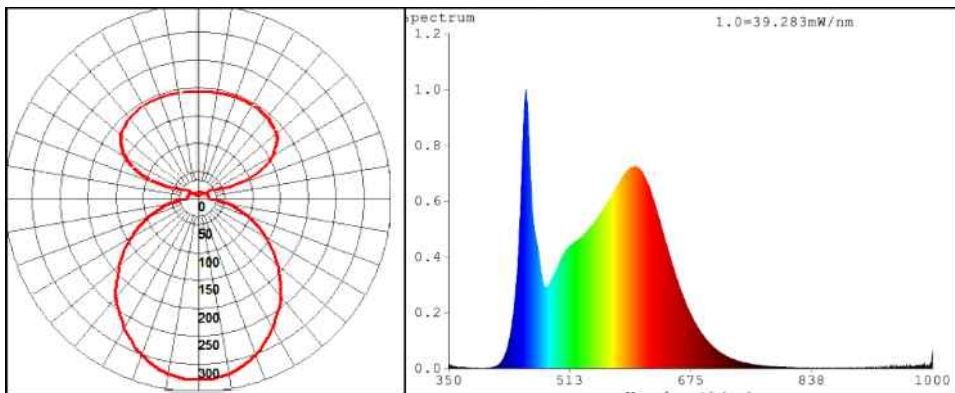
Planning tools Scale models and parametric digital 3D-files support designers in their planning work and make customer presentations memorable highlights. The digital libraries can be freely downloaded from our website.



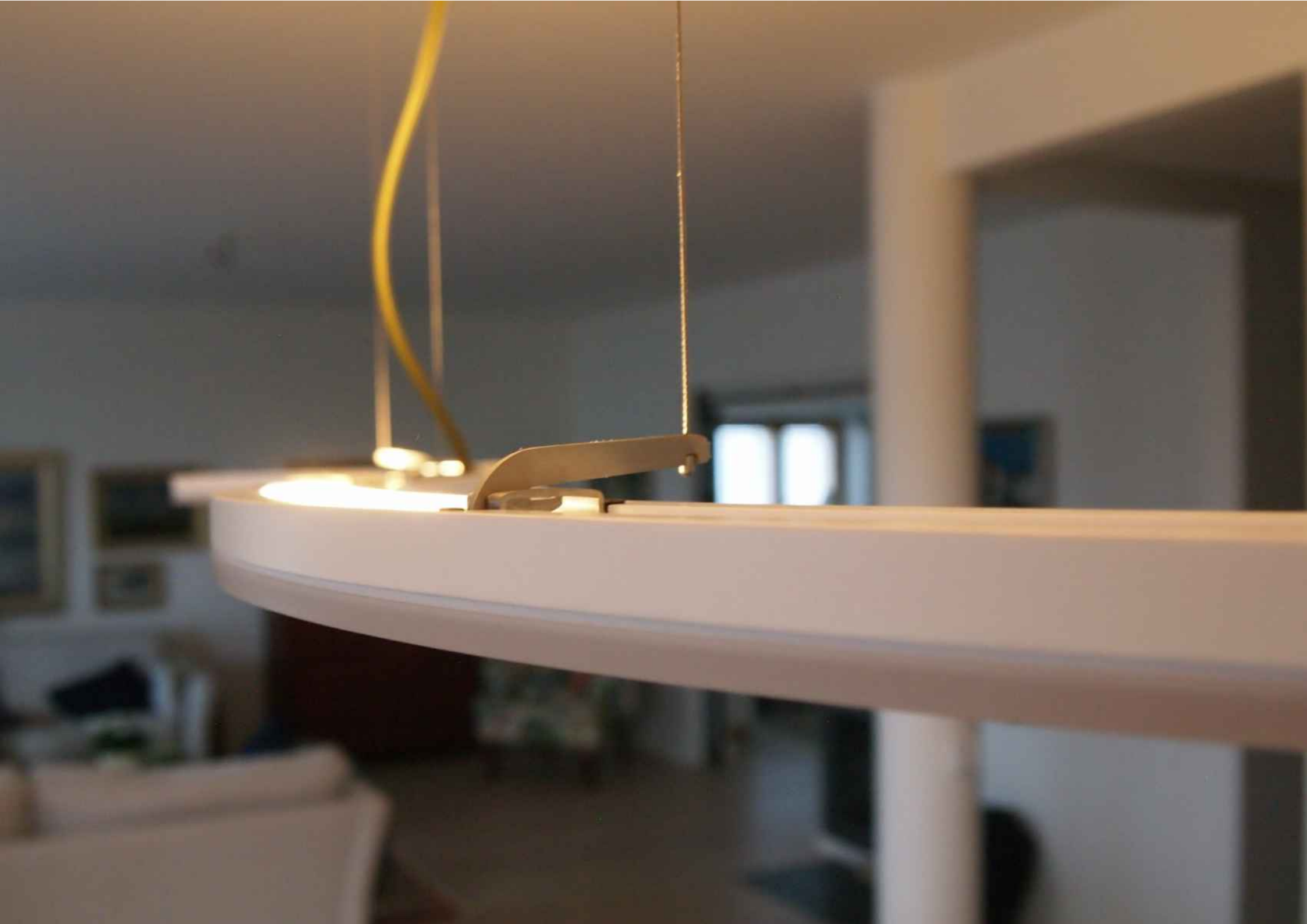




“accurate photometric data support you in complying with lighting recommendations”



Photometry The light distribution of LUOlight ´s modules has been measured in the laboratory. The photometric files are available for download. Lighting planners can verify that the recommended illumination values on the surfaces are matched. Glare indices (UGR) values can be calculated as well.

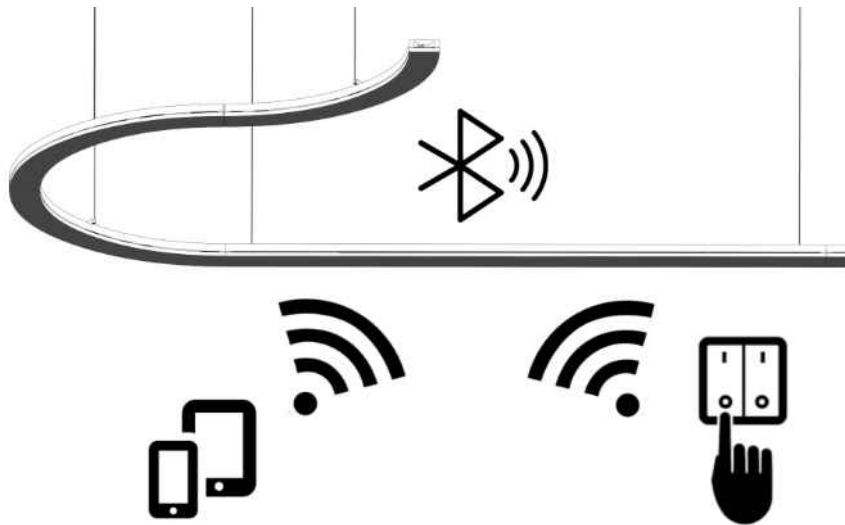


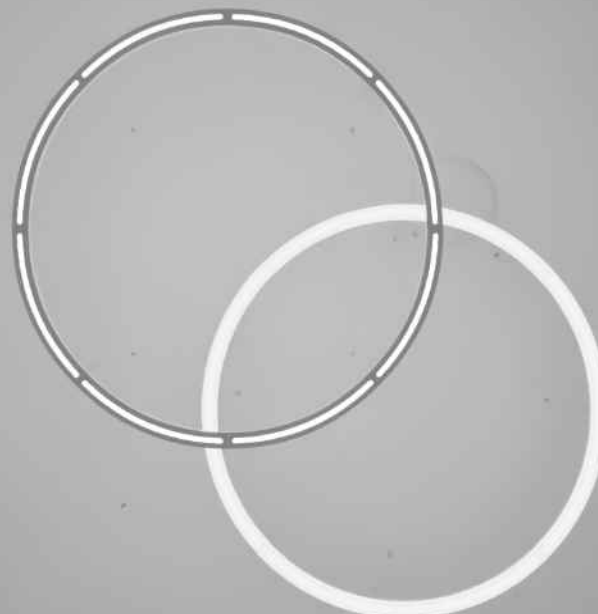
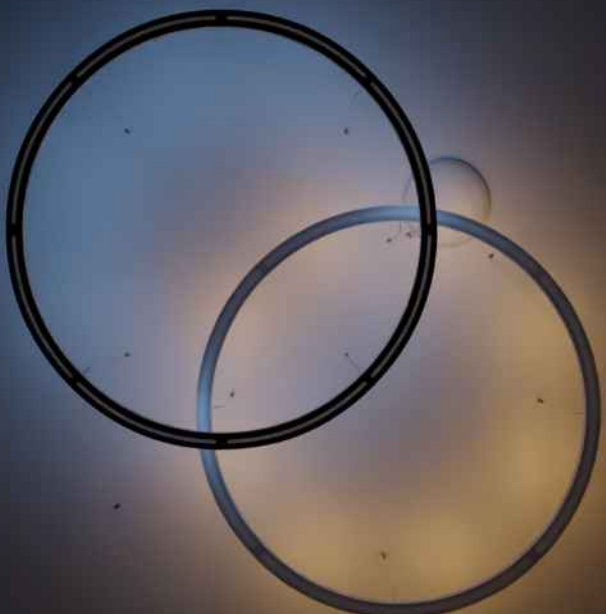
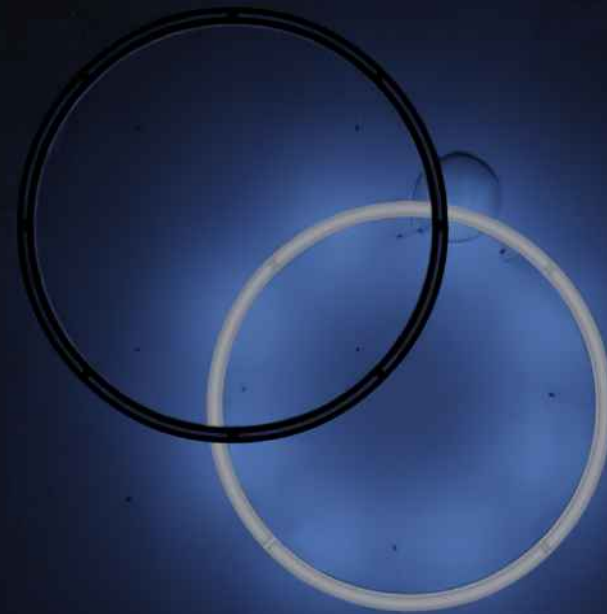
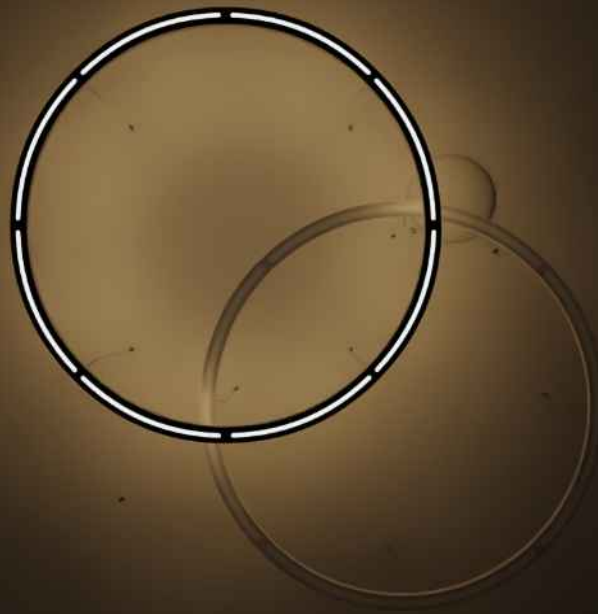
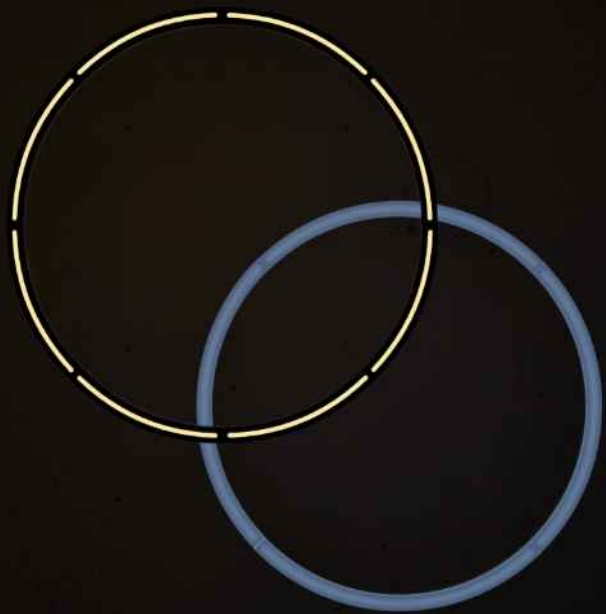
Control

LUOlight is equipped with CASAMBI, a state-of-the-art lighting control solution that is based on Nokia's wireless and low-energy Bluetooth technology. LUO systems work as mesh networks in which individual luminaire combinations can be controlled separately.

LUOlight can either be controlled from handheld devices (cellphones/pads/smart-watches) or via Bluetooth wall switches. No complicated wiring is needed. It is also possible to store scenes or animate light over time. The system is also compatible with Dali-controlled installations.

“ LUOlight is committed to giving the highest possible lighting comfort to its users “







Optics

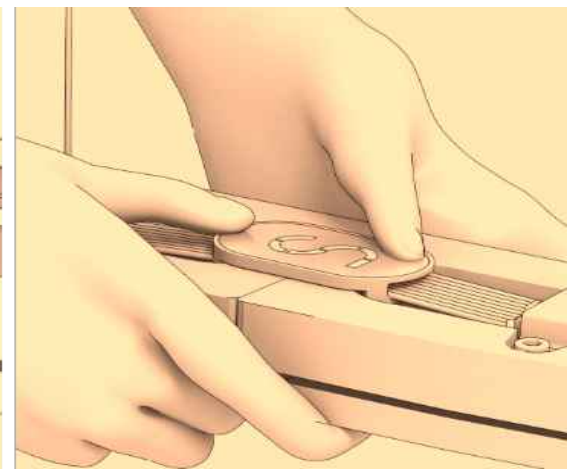
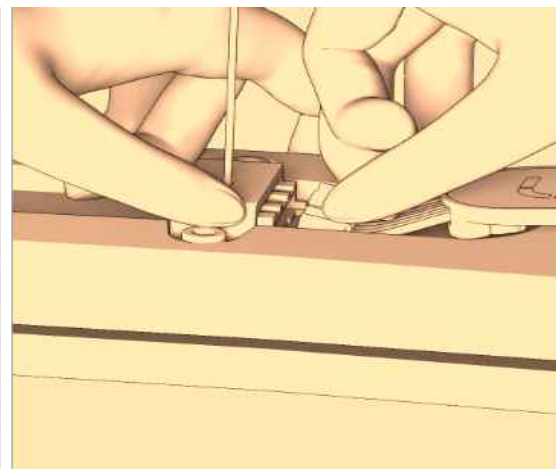
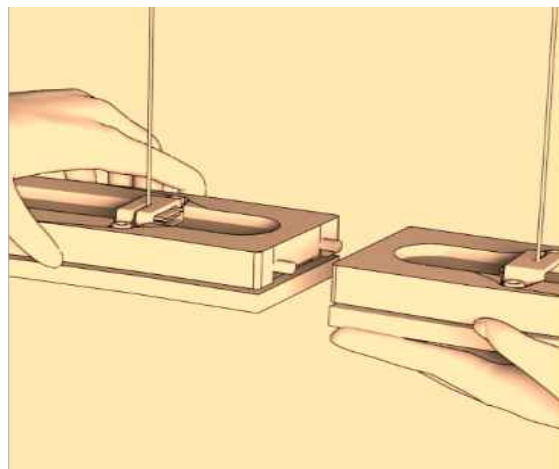
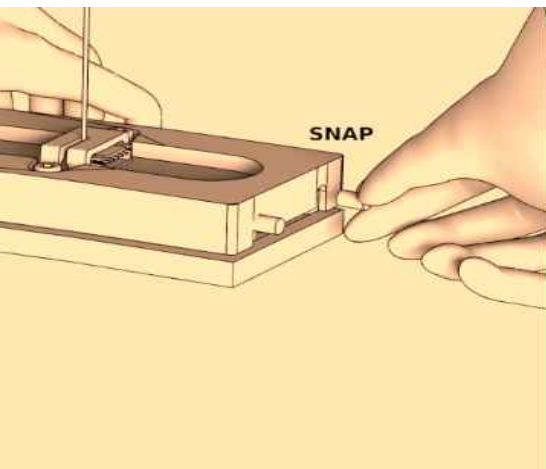
LUOlight has exchangeable optical modules that are simply clipped on to the main bamboo part . The slit module that is made from bamboo focuses the light with a narrow beam downwards. This optic can be used to create sharply lit areas on the floor to define zones for guidance.

The diffuse optics made from acrylics disperses the light evenly to all directions. It creates soft lighting without glare. This optics can be used for general functional lighting.



Installation LUOlight systems are installed with ease. The modules are joined with magnets and interconnector carriages link the LED lamps with each other.

“ setting LUOlight up is as simple as a children's play “







Contact

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Downloads

luo-light.com/download

Specifications

Input Voltage	country specific
Voltage (V DC)	24
Power (W)	9 -120
CRI	80 (90 possible)
Nominal CCT (K)	2700-6800
IP rating	20
Lm/ W	max. 125
Lighting control	Bluetooth, Casambi

MADE IN
FINLAND

