

The image shows a clean, modern interior. A white shelf is mounted on a white wall. On the shelf, there is a white tablet with a black screen and a blue and white ceramic jar with a floral pattern. The jar has a large blue character on it. The background is a plain white wall with a subtle gradient of light yellow at the top.

Big Sky[®]

Light for Wellbeing.

Derived from Nature.



Our Vision

We are passionate about wellbeing and how technology can help people feel better and achieve more.

Big Sky was born from the realization that light plays a fundamental role in our health. By recreating natural light in indoor spaces we want to help you feel better every day.

We see a future where lighting is smart, human centric and immersive thanks to large lighting surfaces and IoT technologies.

We like aspirational design and beautiful products. Our inspiration comes from nature and natural light. Our technology makes Big Sky easy to use and meet your various needs - energization, relaxation, recovery or healthy body clock.



Big Sky[®]

Feel Good Everyday

Big Sky brings energizing blue skies from dawn to dusk, into all spaces, everyday. Big Sky is designed to enhance personal wellbeing and performance, based on a vast body of research and natural light spectral modeling.

Derived from Nature

Big Sky light is generated with multiple different types of LEDs combined in a way that the light spectra are very similar to the spectra found in nature. In addition to having the positive spectral qualities of natural light, the visual appearance of the light field is familiar from nature and resembles a view into the sky or horizon. With Sky Player the light changes over the day just like in nature and the design has been optimized for visual beauty by making the light field dynamic, continuously shifting with infinite colors and infinite resolution.

Supporting wellbeing

Light has a strong link to wellbeing, as it regulates our circadian (latin for approximately a day) cycle and our alertness. The right kind of light, timed correctly, promotes recovery and a healthy sleep-wake cycle. The main driver is the amount of biologically effective blue light, the color we see in the blue sky, or the lack of it. As a general rule it is recommended to have bright blue-enriched light in the mornings and during the day, while the morning hours are the most important. In the evening we should avoid blue light a few hours before sleep, hence warm white light is recommended.

Tunable and Optional Sky Player

All products can be manually set to different light scenes. In addition if users want a dynamically changing light over the day, the Sky Player feature is required. With Sky Player, you simply select sunrise and sunset times, press "play" and let Big Sky play your personal daily cycle.

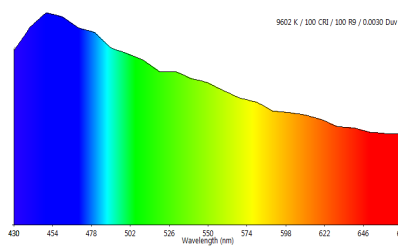
About Natural Light

Natural light is essential to us in maintaining our normal physiology and health because it keeps the body's internal 24-hour clock in time.

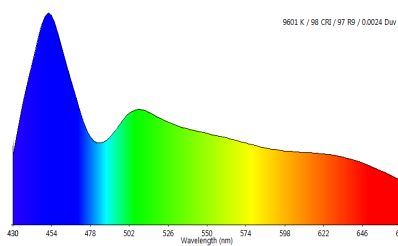
In the absence of natural light, an electric light should try and mimic daylight as closely as possible. Daylight is rich in all wavelengths of visible light. With its peak in the blue part of the spectrum, it is the kind of light that we humans have evolved to be sensitive to.

Spectra

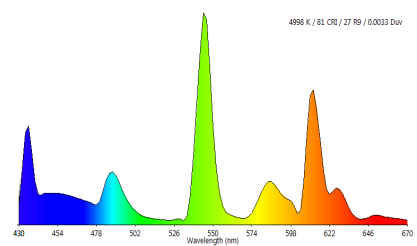
Daylight



Big Sky

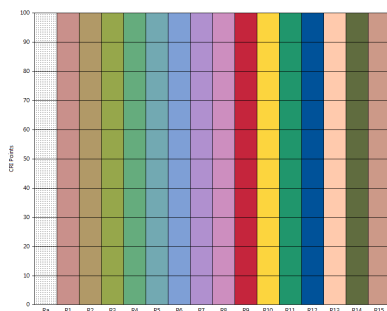


Standard fluorescent

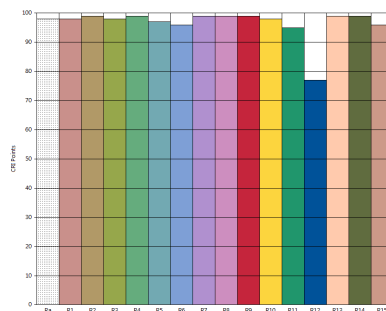


Color rendering

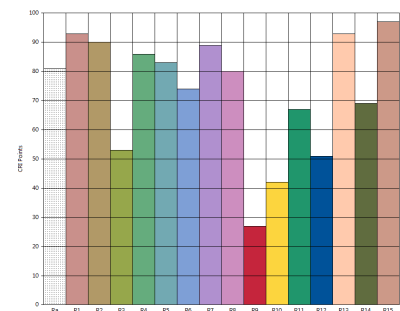
Daylight



Big Sky



Standard fluorescent



Products





Big Sky[®] HORIZON

Big Sky Horizon is easy to install on a wall like a painting. Its aesthetically pleasing elegant design is easy to adapt to a variety of spaces and it creates a pleasant view into the horizon, just like looking out from a skyscraper or an airplane window. Big Sky Horizon will provide you with a luxury view every day. Big Sky Horizon is optimal for spaces that need additional light, which is biologically effective and close to daylight. It complements your existing lighting, and it can vitalize your day or bring a relaxing warm light towards the evening. It is fully tunable and comes with Sky Player.

TYPE OF INSTALLATION:

Supplemental light & virtual window

MOUNTING:

Wall or stand installation with VESA mount

WIDTH x HEIGHT:

1500 mm x 1050 mm

DEPTH:

125 mm & floating 20 mm VESA attachment

WEIGHT:

30 kg

LIGHT SOURCE:

Light Cognitive LED module (G5)

CONTROL:

Sky Player

Digital spectrum control (0-100%)

POWER INPUT:

100-240V 50/60Hz

MAXIMUM POWER CONSUMPTION:

320 W

TYPICAL POWER CONSUMPTION:

180 W

LIGHT INTENSITY AT 1 m:

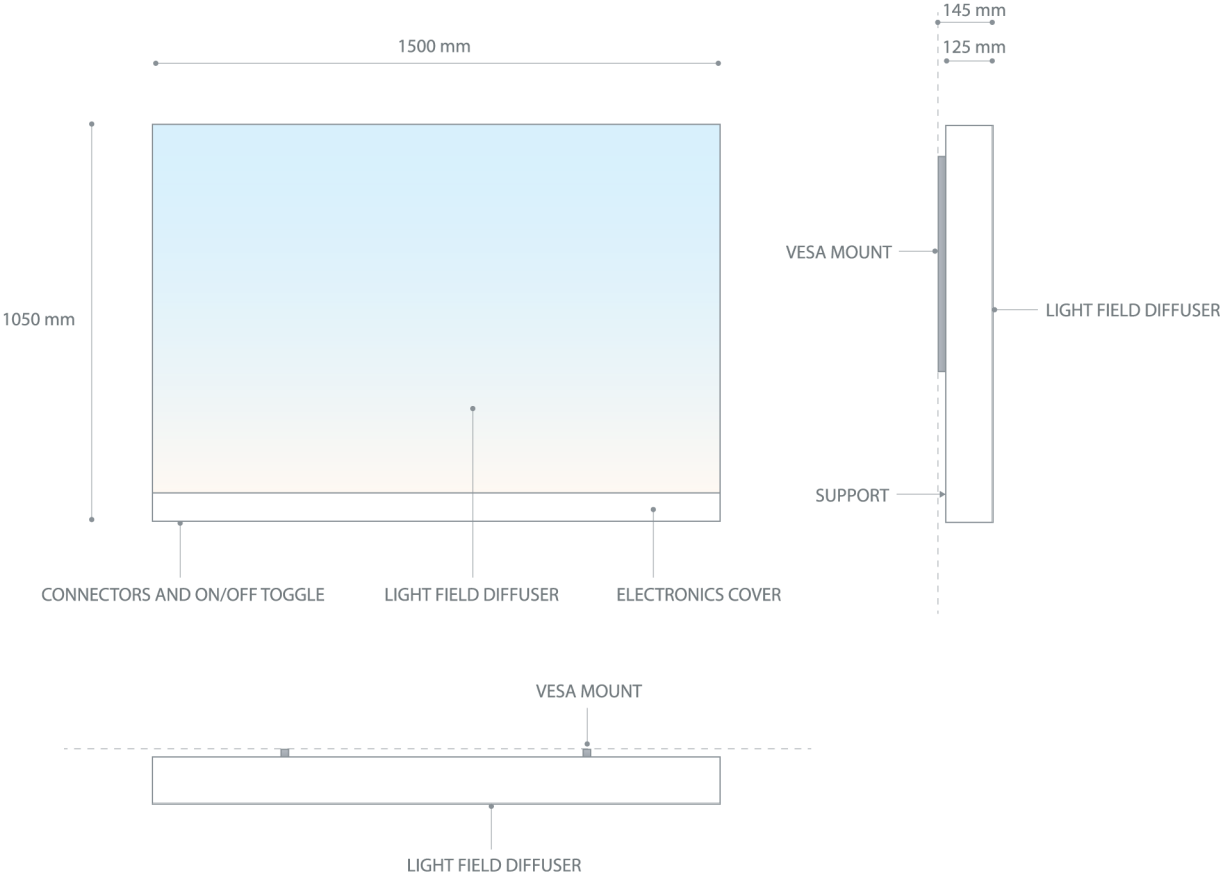
2980 lux

IP CLASS:

IP 20



Made in Finland





Big Sky[®] DOME

Attached to the ceiling as a skylight, Big Sky Dome is perfect for creating general light fields. Big Sky Dome generates a sky view upwards into the sky dome and its soft immersive light surface creates a feeling of space. Big Sky Dome is ideal for transforming any space where structural changes are not possible. It is our most compact solution to make you feel like you are under a glass roof on a beautiful day. It enhances well-being, is tunable and available also with Sky Player.

TYPE OF INSTALLATION:

General, supplemental light & virtual sky light

MOUNTING:

Suspension from ceiling

WIDTH x HEIGHT:

2120 mm x 1680 mm

or

2400 mm x 1200 mm

DEPTH:

130 mm

WEIGHT:

45-60 kg

LIGHT SOURCE:

Light Cognitive LED module (G5)

CONTROL:

Static Scenes (DALI) or Optional Sky Player
Digital spectrum control (0-100%)

POWER INPUT:

100-240V 50/60Hz

MAXIMUM POWER CONSUMPTION:

640 W

TYPICAL POWER CONSUMPTION:

360 W

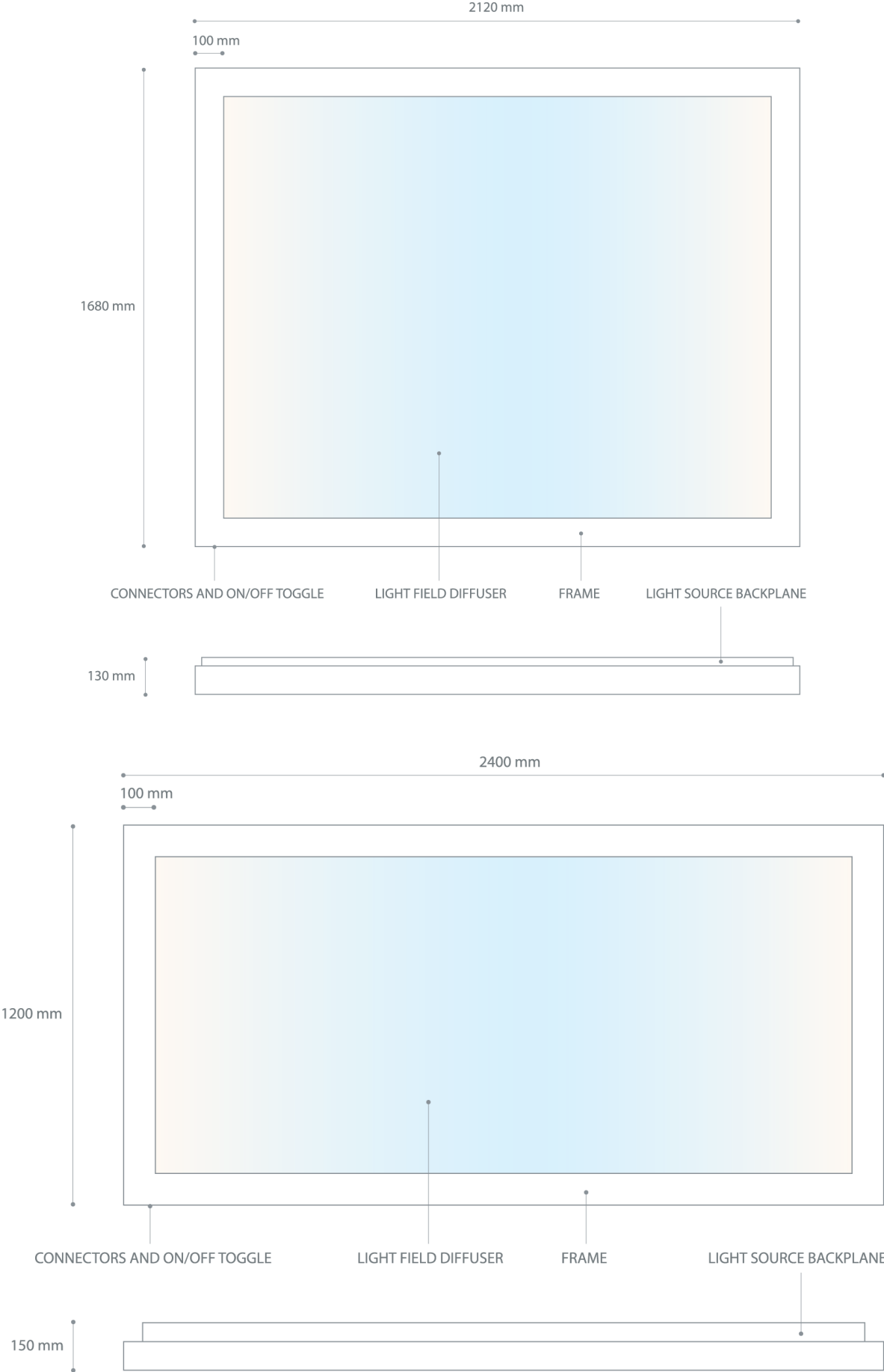
LIGHT INTENSITY AT 1 m:

2930 lux

IP CLASS:

IP 20







Big Sky[®] LIMITLESS

Big Sky Limitless is our large custom solution completely replacing general lighting. Big Sky Limitless enables building light fields of any size, which one can currently only experience in winter gardens or terraces. Large light surfaces have minimal glare and they are immersive. Like all Light Cognitive products, Limitless is tunable with all hues of the sky with natural color rendering. Its multiple areas work seamlessly together and it is also available with Sky Player.

TYPE OF INSTALLATION:

General lighting & virtual window/skylight

MOUNTING:

Recessed ceiling or wall

WIDTH:

50 cm increments

HEIGHT:

Minimum 100 cm

DEPTH:

Minimum 15 cm

AREA:

Starting from 6 sqm

LIGHT SOURCE:

Light Cognitive LED module (G5)

CONTROL:

Static Scenes (DALI) or Optional Sky Player
Digital spectrum control (0-100%)

POWER INPUT:

100-240V 50/60Hz

MAXIMUM POWER CONSUMPTION:

200 W/m²

TYPICAL POWER CONSUMPTION:

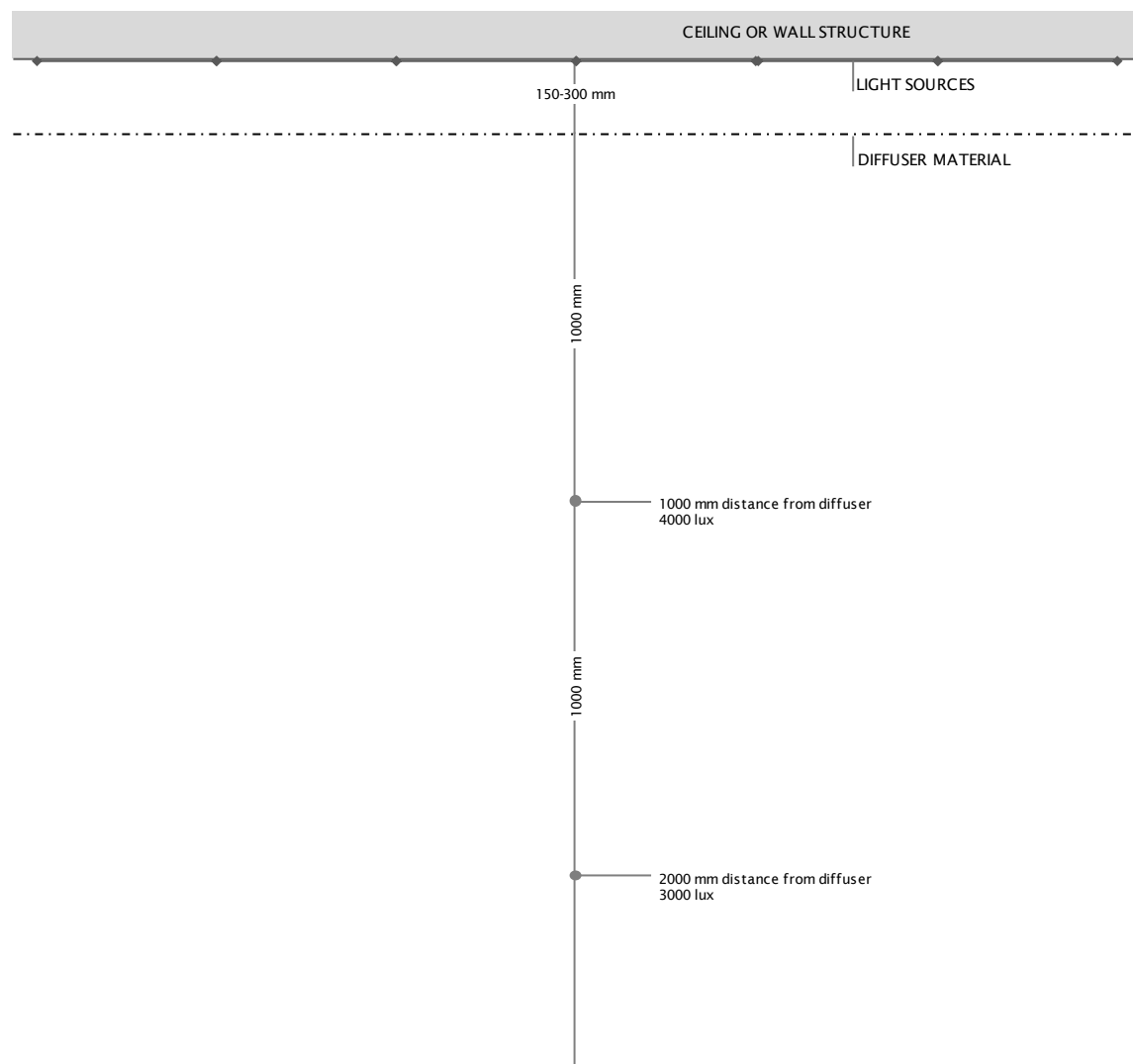
100 W/m²

IP CLASS:

IP 20



STRUCTURAL VIEW





Big Sky[®] HORIZON

Success Story

Supercell is a mobile game developer based in Helsinki, Finland, with offices in San Francisco, Tokyo, Seoul and Beijing. Since its founding in 2010, Supercell has brought four games to the market - Hay Day, Clash of Clans, Boom Beach and Clash Royale.

When planning the lighting for Supercell office the concept was tailored to meet the needs of a vibrant multi-space office located in Helsinki.

Two Big Sky Horizon light panels complement the spacious coffee area and meet the demands of a multicultural and global team – many have welcomed the extra rays of light after having moved to Finland from a very different climate! The light wall situated in the middle of the building brings tunable light to coffee / work area that otherwise would not benefit from windows or natural light. “We see employees continuously gathering around the light to enjoy a break and also to work. We have received very positive feedback from our employees and we are happy with our Big Sky solution”, says Janne Saarinen from Supercell. Big Sky offers excellent light quality and is also tunable for different situations such as energizing morning light and calming evening light. The light program was designed specifically for Supercell employees.

Supercell fundamentally believes in the power of “small”. Being small means you need less management and fewer processes, both of which just make it more fun to work. As a growing Finnish startup Light Cognitive is proud of the vote of confidence of Supercell and is committed to contribute to new work spaces, wellbeing and the spirit of innovation.



Big Sky[®] HORIZON

Success Story

PEAB is one of the largest Nordic construction companies. In their recently finished Ultimes Business Garden in Helsinki, they equipped two meeting rooms with Big Sky Horizons in order to promote well-being and productiveness in the work place. "Lighting is a key element in creating a working environment that supports the business. We are especially interested in the attested biological effects of lighting", says Peter Lindeberg, Business Director, Commercial Property Development at Peab. The meeting rooms are located in the inner parts of the building, which creates a need for high quality natural light.

Peab is investigating other possibilities for implementing Big Sky solutions, particularly in ceilings. "The ceiling-mounted Limitless is amazingly brilliant", Lindeberg says and adds that he strongly believes in the continuing trend of occupational well-being gaining more and more ground. The working environment is part of the brand of a company, and therefore an asset in competing for the best employees.

Peab's Business Garden is a modern concept that not only provides companies with office space but also well-being for their employees and a new kind of profitability through respecting environmental values.





Big Sky[®] HORIZON & LIMITLESS

Success Story

A home customer wanted a sky window into the dining room of his house in Espoo, Finland. The family was looking for a solution that would bring daylight in the dim area. After comparing possible options, they chose Big Sky Limitless because of its unique role in favor of well-being, versatility and high quality of light.

After creating the design and plan, Light Cognitive supplied the LED modules, electronics and controlling software while Vecta Finland did the mounting. The implementation, including cutting the necessary space in the ceiling, installing the LEDs and electronics as well as stretching the cloth in place, took one working day.

The customer was very pleased with the new ambiance Big Sky Limitless brought into the place and how it created a feeling of more space in the house.

After the work was done even the family cat came in to enjoy the new sky window. He strolled into the room and laid down on his side under the Big Sky.



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