

LIGHT & MATTER STYLISTS DCUBE 

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# Big Sky<sup>®</sup>

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. Sky Player is standard with Big Sky Horizon and is sold as an option for Big Sky Dome and Big Sky Limitless. With Sky Player, you simply select sunrise and sunset times, press "play" and let Big Sky play your personal daily cycle.

# Products





## Big Sky<sup>®</sup> HORIZON

Big Sky Horizon is our standard size wall-mounted Big Sky solution. Its elegant design makes it easy to adapt to a variety of spaces. Horizon is ideal as a complementary light source. Big Sky Horizon's light is highly natural, enhances wellbeing and 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

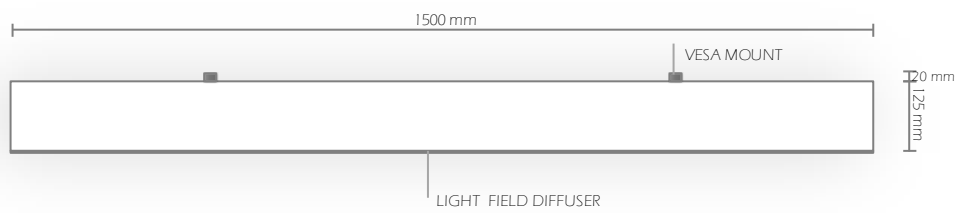
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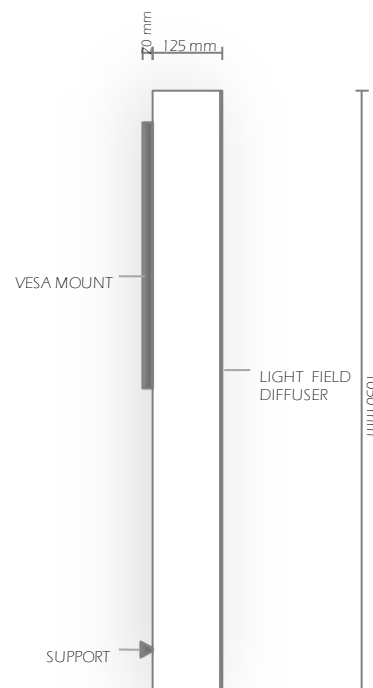
## FRONT



## TOP



## SIDE (LEFT)







## Big Sky<sup>®</sup> DOME

Big Sky Dome is our standard size ceiling-suspended Big Sky solution. Dome can be attached to any ceiling and does not require any structural changes to the room. Dome offers a splendid view into the sky dome and its soft surface creates a unique feeling of perspective and space. Like all members of the Big Sky family, Dome's light is highly natural, enhances wellbeing and 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:**

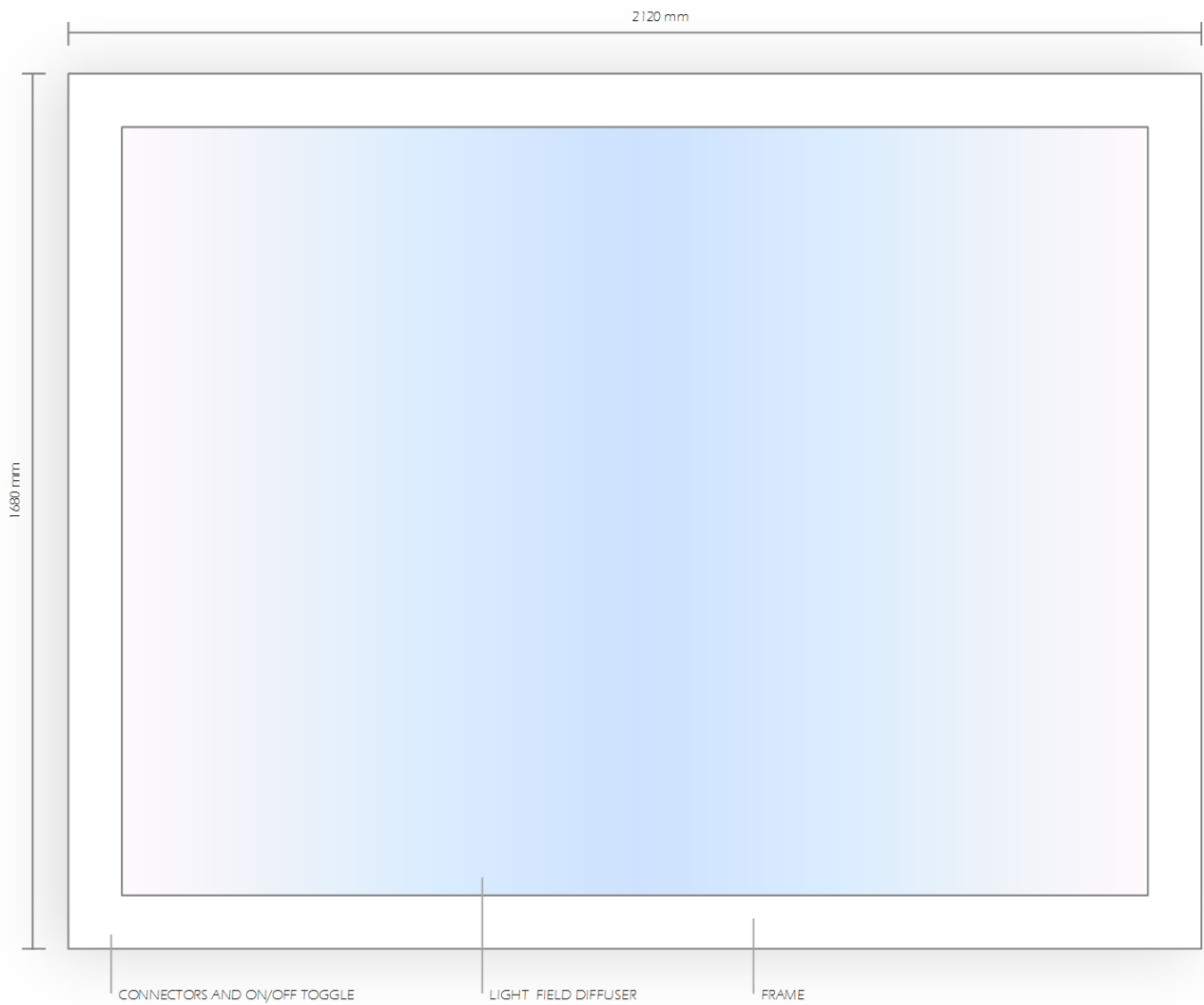
360 W

**IP CLASS:**

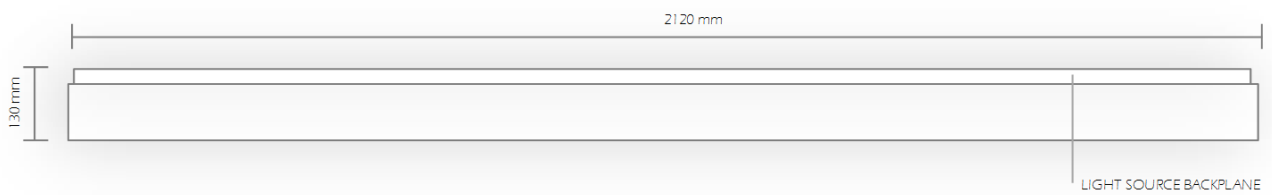
IP 20



## FRONT

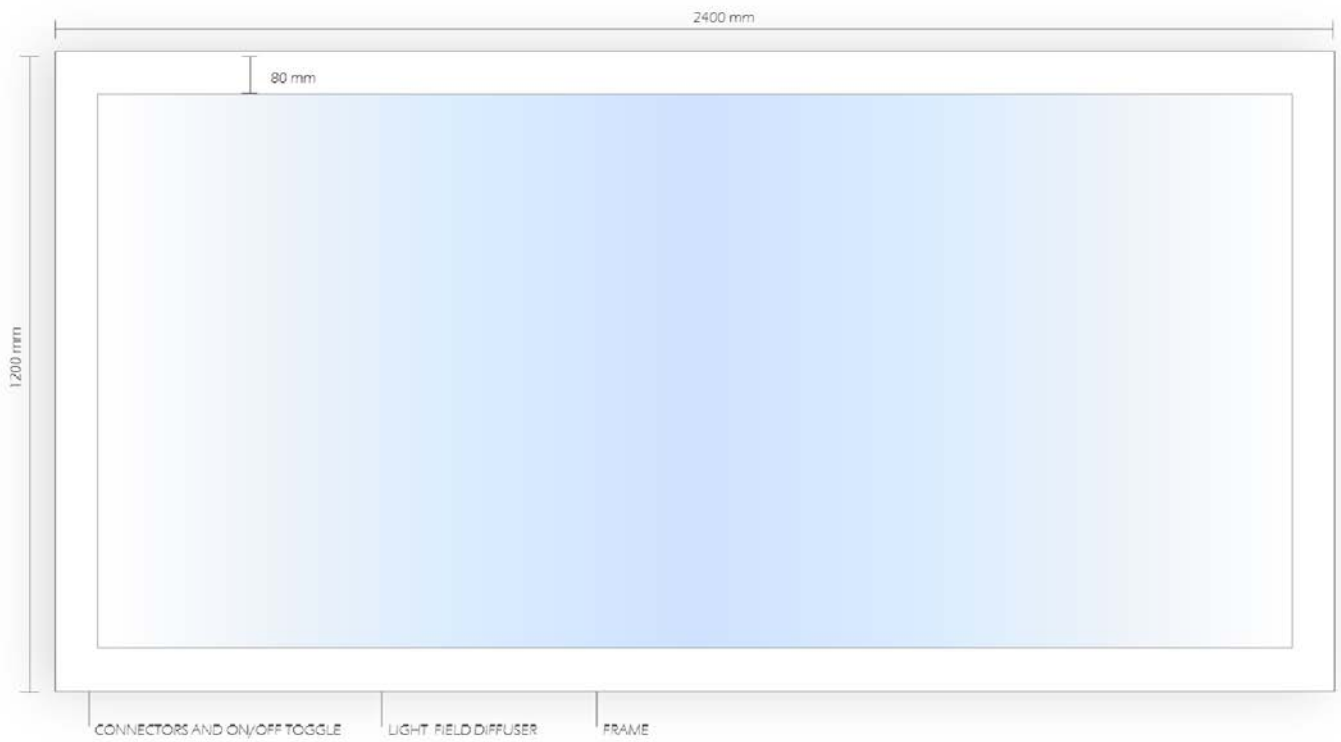


## SIDE

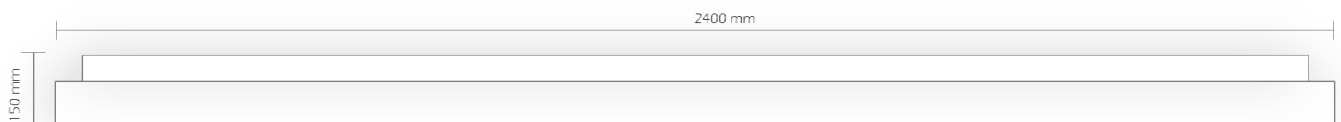


# Big Sky® DOME (2)

## FRONT



## SIDE





## Big Sky<sup>®</sup> LIMITLESS

Big Sky Limitless is our recessed ceiling or wall solution for general lighting. Big Sky Limitless enables to create light fields of any size that reproduce the sky in all its hues, dynamically, from dawn to dusk. Like all members of the Big Sky family, Big Sky Limitless' light is highly natural, enhances wellbeing and is tunable and available also 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/m<sup>2</sup>

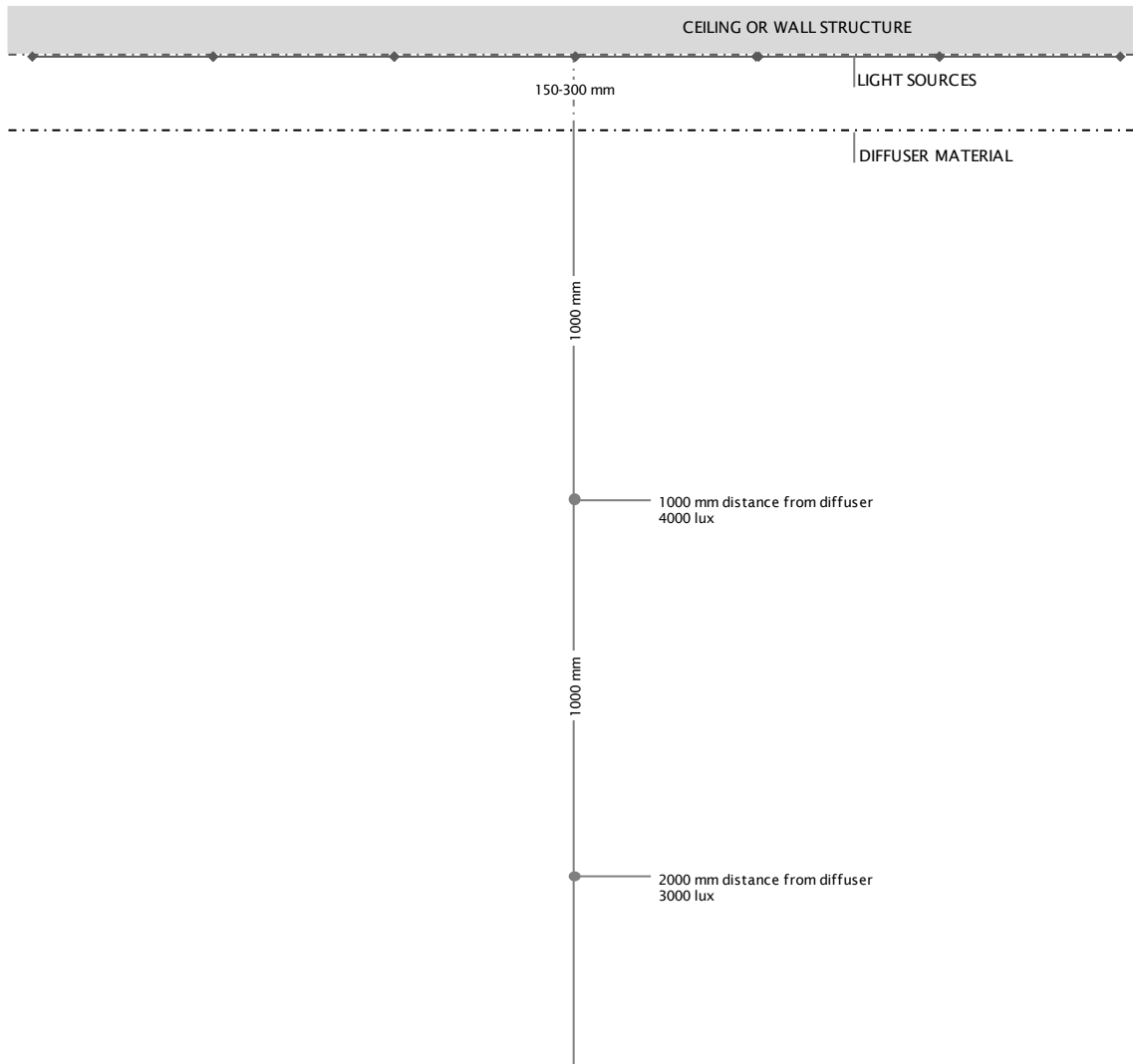
**TYPICAL POWER CONSUMPTION:**

100 W/m<sup>2</sup>

**IP CLASS:**

IP 20

STRUCTURAL VIEW





## Big Sky<sup>®</sup> 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.

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