

A woman with long dark hair, wearing a light grey tank top and pants, is sitting cross-legged on a bed with white linens. She is looking upwards towards a large skylight in the ceiling, which shows a clear blue sky. The room has light-colored walls and a wooden headboard. To the left, there is a small wooden nightstand with a vase of white flowers and some other items. A framed picture is on a shelf to the left of the bed.

E-WINDOW

Biodynamic lighting



That's the main goal of our product: by providing a dynamic daylight sensation, you get the kind of lighting that is often mentioned as the most qualified and healthy.

Daylight is the most important lighting source. Many studies show that daylight has a great impact on our health, both physically and psychologically.

But daylight varies significantly depending on the time, the seasons, the latitude, the climate and the architectural structure we live in.





Imitating 3D sky

Its special LEDs are used to light up the sky and the clouds, to then transform them to a translucence and 3D vision appearance, with the result of a very high-quality skylight.



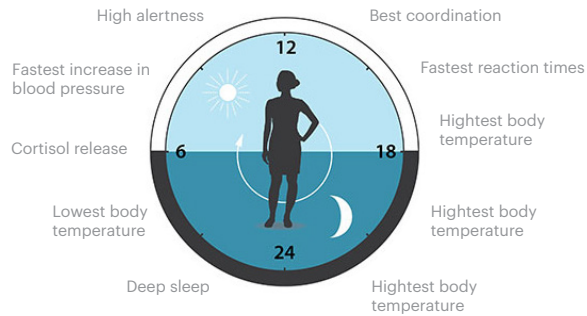
Bright sunshine

Dozens of lenses-groups and a microstructure are used to collimate and filter the stray light, after several optical transformation procedures. The light comes out and acts the same way as sunshine, very bright and oriented from above.



Natural clock

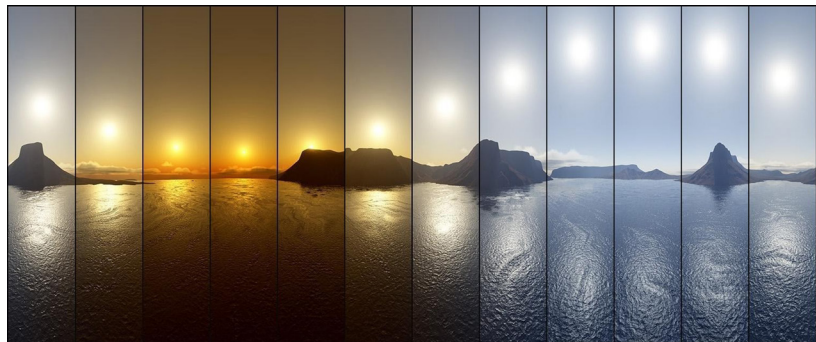
After simply setting up the local date, time and latitude, the control system is able to synchronize the lighting ambient of the Sun in cycles of 24-hours. It is, thus, synchronized with the natural cycle, corresponding to our circadian rhythm. The user has also the option to set a "preferred mode."



Improvement in health

It helps to balance our inner clock with our physiology on the different phases of the day. It improves our performance during the daytime as promotes rest and a good night's sleep.

Light therapy with exposure levels of 2500 lux for 2 hours a day has proved to be an effective cure against Seasonal Affective Disorder (Sloane, 2008).



Smart control system

The Smart control system can synchronize the indoor ambience with real sunlight at different times, different seasons and different latitudes.

Benefits

Natural lighting environment

We spend most of our time indoors, but our true nature is that of an outdoor creature. We enjoy hiking, climbing and other outdoor activities. Every once in a while, our body needs to feel fresh air, and our eyes need to see the sky and feel the sunshine.

It provides a natural atmosphere, and meets our physical and psychological needs.



Control approach



Controller

1. **Automatic mode** – Lighting ambient will synchronize to the sun 24 hours a day.
2. **Manual mode** – Users can set the lighting features according to their preferences.



App Control

1. **Automatic mode may be customized.**
2. **Set groups to manage multiple scenarios .**



Digital Addressable
Lighting Interface

DALI Control

1. **Support DALI protocol.**
2. **Compatible with main brands of DALI control system in the market.**
3. **Meets the standards of IEC62386-102 and IEC62386-207.**

Lighting ambiance comparison

Midday ambiance

Maximum light output, cool light color. Creates a bright and clear atmosphere, enhances people's alertness, reaction rate, productivity, etc.

Afternoon ambiance

Dimming down light output, warm lightcolor. Creates a warm and relaxing atmosphere, people feel comfortable and at ease.

Installation

Recessed mounting frame



Surface mounting frame





Daylight in stores provides a unique lighting experience that attracts customers, and the comfortable atmosphere makes them want to stay.



Daylight in the office relieves the tensions of the working atmosphere and improves working efficiency.



Daylight in schools offers a natural atmosphere that helps students stay focused.



Daylight in healthcare centers provides a natural ambiance that meets the patient's psychological need to stay connected with the outdoors.





Daylight underground helps people relieve the feeling of closed-in, and helps to maintain our biological clock synchronized to a natural cycle.



Daylight at home creates a comfortable and happy environment for the whole family.