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# Smart Lighting Solutions

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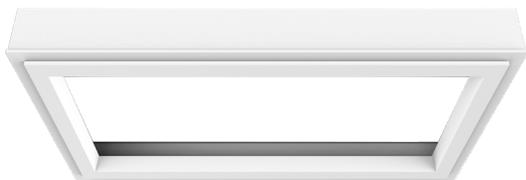
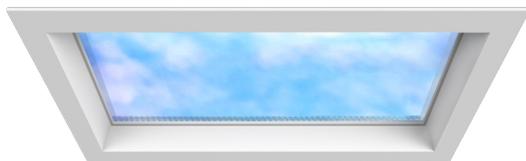


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# Rediscover the benefits of abundant light

## LED Skylight panels simulate daylight conditions in spaces that are deprived of natural light

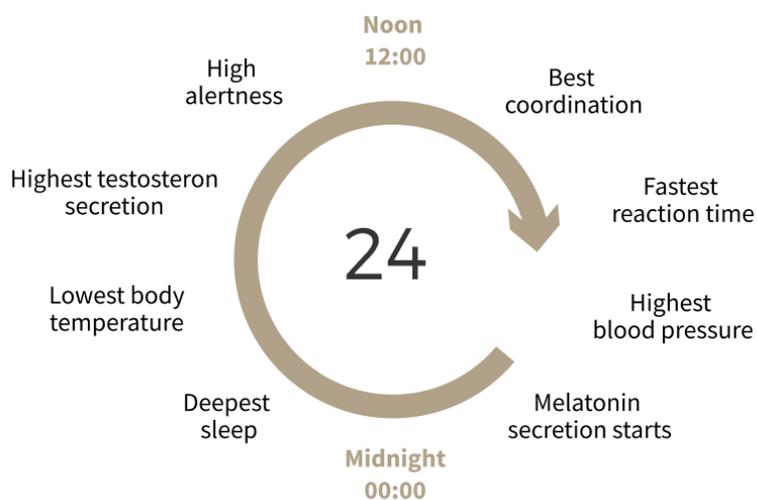
We have combined cutting-edge LED technology with intelligent software and advanced controllers to reproduce the sensation of infinite skies and abundant sunlight.



Our internal clocks are synchronized with the daylight cycle. Numerous studies have found that plentiful exposure to natural light delivers a multitude of health benefits. LED Skylights produce light that mimics sunlight, promoting:

- Enhanced cognitive performance
- Aligned sleep/wake cycle
- Reduced risk of eye strain
- Improved skin collagen production
- Optimized metabolism
- Increase blood circulation
- Improved mood

# In tune with your circadian rhythm



## In tune with your circadian rhythm

Use our intuitive mobile app or wall mounted controller to synchronize your LED Skylight with the natural daylight cycle.

## Full control over the lighting ambiance

Adjust the lighting dynamic to your preference based on a specific geographic location as well as the four seasons.

Brightness, sunlight, and color temperature can all be modified to your liking. LED Skylights have a dimmable range of 1% to 100%.



Night



Sunrise



Morning



Noon



Afternoon



Sunset



# Three ways to control your LED Skylight



**Dali Protocol for Commercial Use**

**Wall Mounted Controller**

**Mobile App**

## Why choose an LED Skylight

We spend a large part of our lives indoors, which means that we do not enjoy the benefits of natural light.

LED Skylights are the ideal solution to our daylight deficit; reproducing the sensation of natural sunlight entering the room through a window in the ceiling.

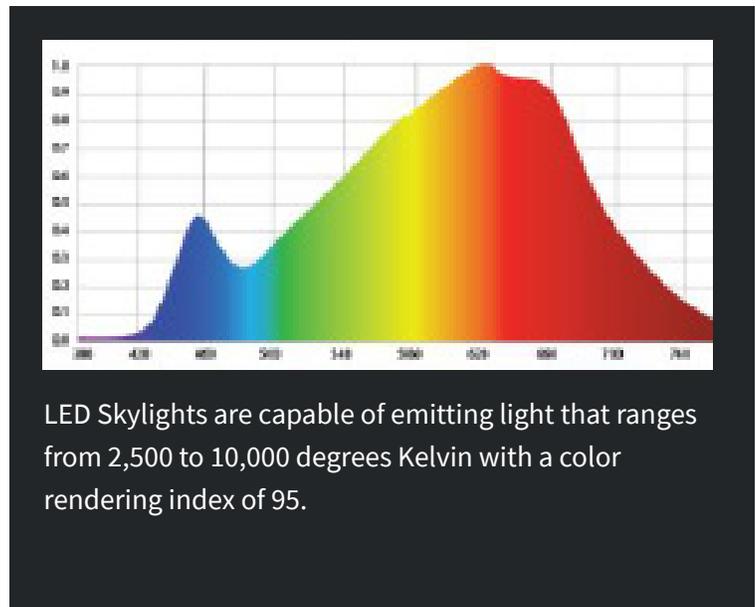
Our unique integration of nanomaterials, toughened glass enhanced with micro structures and cutting-edge LED technology produces light that you will have a hard time distinguishing from natural daylight.



# How does it work?

Sunlight in its purest form has a temperature of around 5,000 degrees Kelvin and a Color Rendering Index (CRI) of 100. The Color Rendering Index is a scale from 0 to 100 percent; it indicates how accurately a given light source renders color.

As sunlight comes into contact with the Earth's atmosphere and is reflected and refracted by water and dust particles, the color temperature actually changes throughout the day ranging anywhere from 5,000 to 6,000 degrees Kelvin depending on the time of day and the amount of cloud cover.



## Select your style

Our LED panels come in standard sizes (2'x2' and 2'x 4') that can fit into any ceiling with minimal wiring; no retrofitting is required. For special size requirements please contact us.

Customers can choose from multiple framing options available:

Recessed mounted frame  
White baking varnish for dual  
mounting



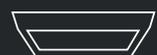
Surface mounted frame  
White baking varnish for single  
mounting



Recessed mounted frame  
White baking varnish for single  
mounting



Surface mounted frame  
White baking varnish for single  
mounting



# Applications

LED Skylights will transform your windowless environment into an open and welcoming area.

## Office



Improve employee productivity and reduce absenteeism rates.

## Commercial



Enhance the shopping experience and increase the amount of time customers spend in your stores.

## Hotels & Spas



Create the perception of extraordinarily wide spaces and infinite skies in areas that are deprived of natural light.

## Residential



Brighten up any room in your home without costly roof alterations.

## Healthcare



Help patients feel comfortable and speed up their recovery by creating a relaxed and warm atmosphere.

## Schools



Improve the learning process with a well lit environment that pupils will enjoy studying in.



### Easy to install

Our LED panels come in standard sizes that can be fitted into any type of ceiling with minimal wiring.



### Long lasting

LED Skylights have a guaranteed lifetime of 50,000 hours (5 years). Ask us about existing options to extend this period.



### No functional interference

Unlike natural sunlight, our LED panels do not interfere with any other light emitting devices, such as projectors, and they are fully dimmable.



### Virtually no maintenance required

Cut costs by eliminating the need for regular maintenance; LED Skylights do not require any servicing for the duration of their lifetime.

# Technical specs

		<b>120cm X 60cm LED Skylight</b>	<b>60cm X 60cm LED Skylight</b>
Dimension	mm	1170*570*72	570*556*72
Weight	kg	16	7.7
Power	W	248	112
Voltage*	V	230	230
Current	A	1.1	0.53
Power Factor		0,95	
Dimmable Range	%	1 to 100	1 to 100
3m Lux	Lux	4,500	3,000
Luminous Intensity	cd	120,000	41,800
CCT	K	2,500 to 10,000	2,500 to 10,000
Ra		95	
Controls		Wall Mounted Controller / Mobile App / DALI	
Operating Temperature	C	-20 to +40	-20 to +40
Certifications		CE/SAA/FCC	
Lifetime	H	50,000	50,000