



 Lightcore

SOL

ARTIFICIAL SKYLIGHT SERIES

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BRING THE OUTSIDE, INSIDE.

LIGHTCORE

Expert Lighting Solutions.



Lightcore is a forward-thinking lighting company delivering innovative, high-quality turnkey solutions for indoor and outdoor applications to the wholesale and trade industry. Since our founding in Brisbane in 2010, we've completed over 4,000 projects across Australia and New Zealand, offering practical, reliable and cutting-edge LED products at competitive prices.

With extensive stock, accounts with major wholesalers, Australian-based manufacturing, and in-house designers, electricians and estimators, we excel in D&C, alternative specifications, and custom solutions—providing fast, high-quality alternatives on account terms. Our mission is to deliver distinctive, application-based LED lighting that outperforms in durability, specification, customisation, and availability.

PROJECT CLIENTS



GRAYA™

SPYRE

Emporium
HOTELS



STUDIO
IOD
ISABELLA OLIVER DESIGN



RJA
RETAIL JOINERY



curious us:



DARREN JAMES

QUEENSLAND
MUSEUM

iffeelgood24/7™
express health clubs

ENIGMA
INTERIORS

WHOLESALE CLIENTS



Lawrence
& Hanson
A Sonepar Company

100%
INDEPENDENTLY
DEVELOPED

- ✓ **EASY CONTROL SYSTEM**
- ✓ **REAL HEALTH BENEFITS**
- ✓ **HIGH END IMAGERY**
- ✓ **PLANT GROWTH BENEFITS**
- ✓ **VARIOUS SHAPES & SIZES**

01. NATURAL SKY

SOL redefines the experience of light and sky. By day, it unveils a flawless expanse of tranquil blue, evoking calm and clarity. By night, it transforms into a sophisticated panorama of stars, immersing you in a universe where elegance meets wonder.

02. SUNSHINE SPECTRUM

SOL delivers a light spectrum with up to 90% similarity to natural sunlight. Through precise control of its light source, it creates an environment that mirrors the warmth and clarity of the sun itself—allowing you to bask in a luminous, sun-kissed glow, even indoors.

03. CIRCADIAN RHYTHM

SOL seamlessly replicates the natural cycle of sunlight, shifting its tone and intensity over 24 hours. This gentle progression supports your circadian rhythm—helping body and mind align with nature's timing—so you can feel more balanced, restored, and connected to the world's natural flow.

04. SUNLIGHT BEAM

SOL captures the essence of sunlight, casting a broad, natural beam across the floor—just as if the sun were streaming through a window. More than illumination, it's an artful design that brings the warmth and beauty of the outdoors seamlessly into your interior space.



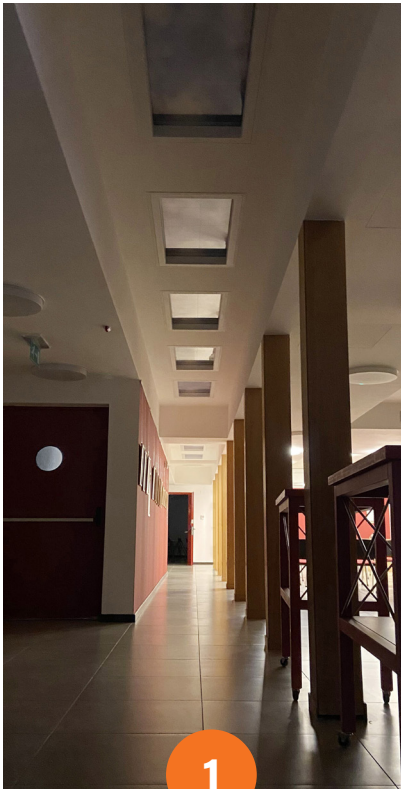
COMFORTABILITY REIMAGINED

01

TECHNOLOGY

COMPOSITION

Sun Light and Skylight Combined



1

OFF



2

Skylight ON



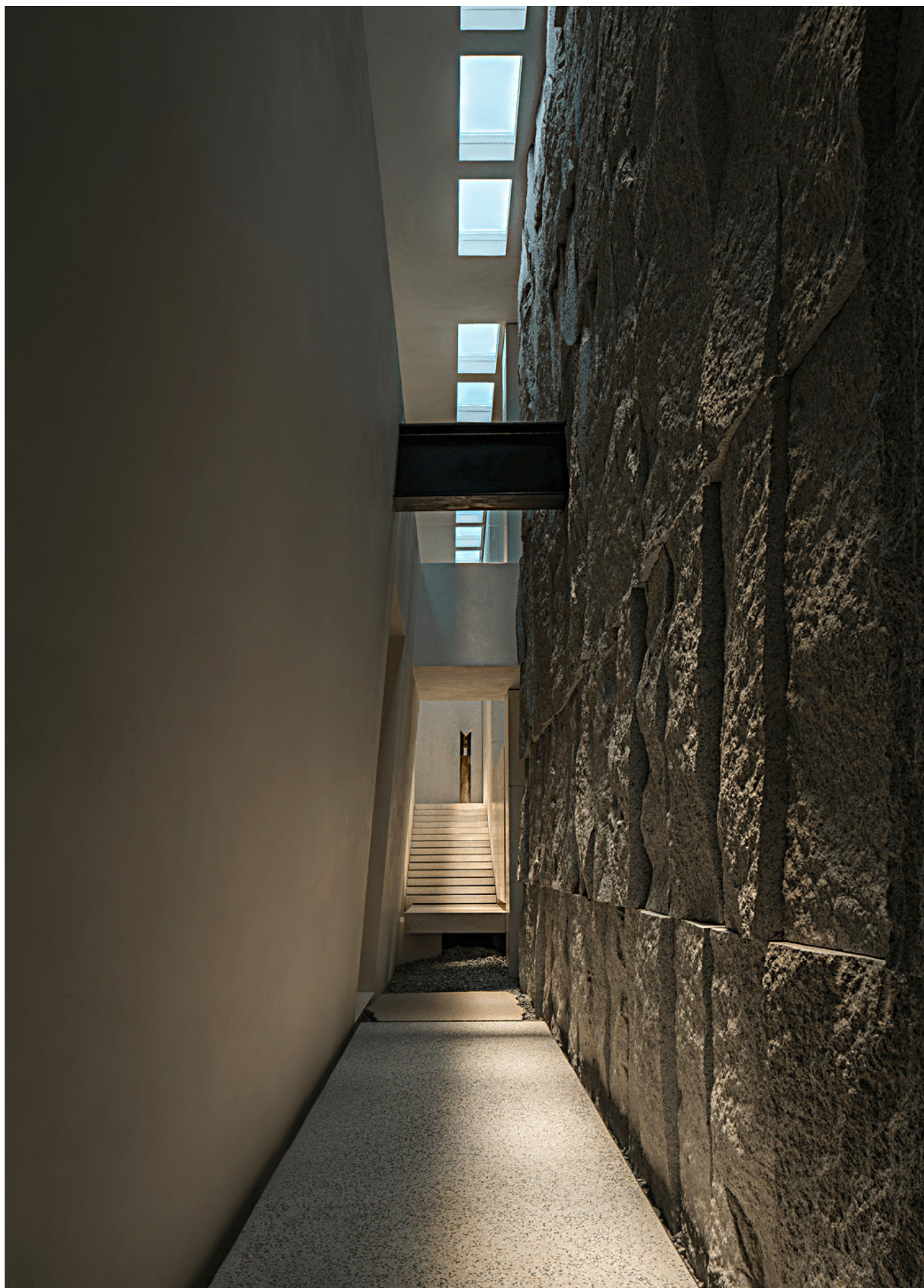
3

Skylight and Sun Light ON

SOL replicates the brilliance of direct sunlight. Using advanced micro-optics technology, light is channelled through multiple precision optical components to create a wide field of parallel beams, casting natural, sun-like illumination onto the ground. Delivering up to 5000 lux at 3 metres, it captures the vivid clarity of a perfect sunny day.

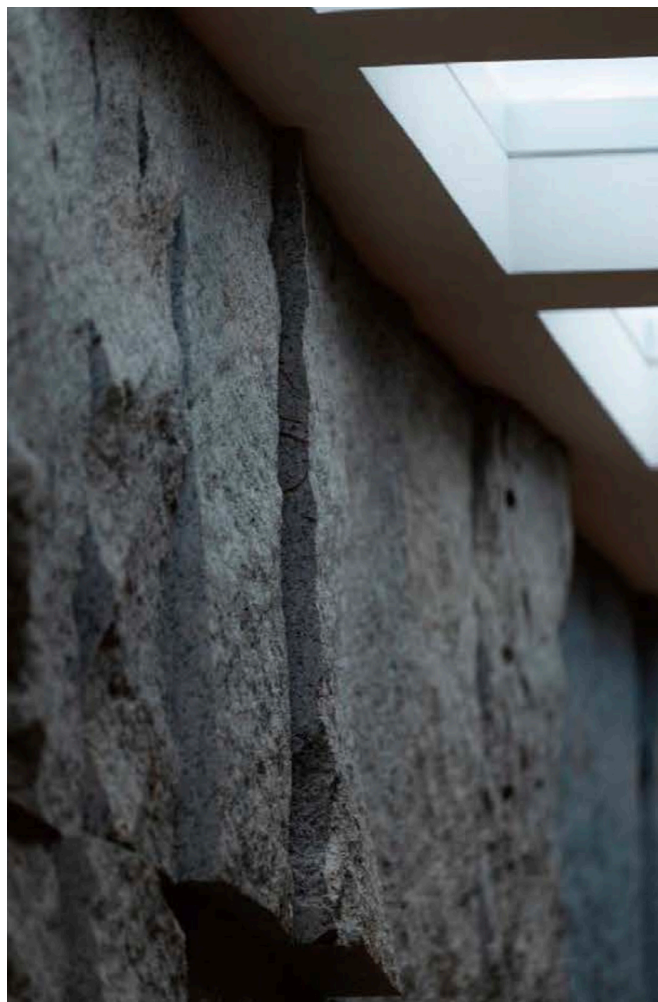
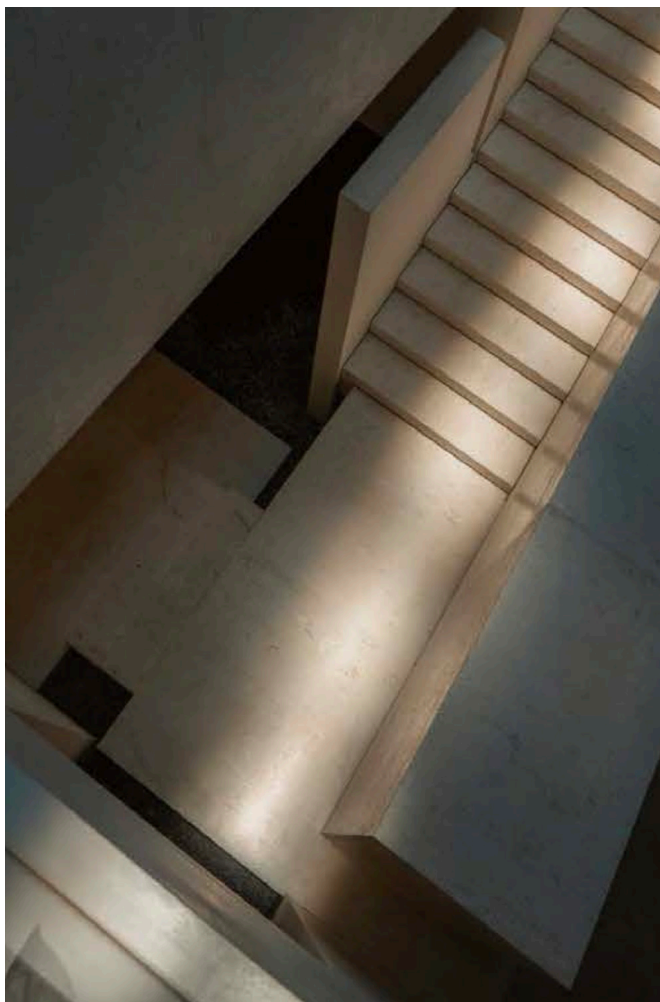
SOL also recreates the gentle diffusion of sunlight on a cloudy day. Through a meticulous blend of optics and structural design, it evenly disperses LED light throughout indoor spaces, creating a bright, balanced atmosphere that feels effortlessly natural.

Address: Italy
Project: Underground Space
Product: SOL2-1206



LIGHT INTENSITY

Simulating a Natural Light.



Illuminance @ 3m: 5000 LUX | Illuminance @ 10m: 1500 LUX

SOL perfectly recreates the effect of natural sunshine through advanced optical technology, developed from years of independent research. Delivering up to **5000 lux at 3 metres**, it enhances both the visual impact and the aesthetic value of any space.

THE CONTROL SYSTEM

Control Panel | App | DALI



Night



Sunrise



Morning



Noon



Afternoon



Sunset



Night

Experience a lighting system that mirrors the natural rhythm of the sun:

24-Hour Sunlight Cycle Simulation – **SOL** synchronises seamlessly with the changing sunlight patterns throughout the day, delivering a natural light experience from dawn to dusk.

True-to-Life Sunrise and Sunset – Gradually transitions in colour and intensity to recreate the warmth of sunrise and the gentle fade of sunset, restoring the ambience of real daylight indoors.

Latitude-Based Adjustment – Uses location-specific latitude data to accurately determine sunlight duration, ensuring the most authentic replication of natural daylight for any region.

DALI | APP | WIRED MODE | WIRELESS MODE | TIMER | DIMMING | PASSWORD PROTECTION | LATITUDE POSITIONING

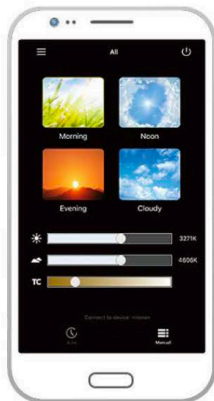
Simulate 24HR Sunlight with Ease



CONTROL PANEL

Automatic Mode – Light transitions naturally throughout the day, following the 24-hour cycle of sunlight.

Manual Mode – Effortlessly adjust both colour temperature and brightness to create your ideal lighting at any moment. Integrated radio frequency transmission for seamless, reliable operation.



APP

- Bluetooth transmission signal.
- The smart system remembers the status when exiting the app.
- App can control turning **SOL** on or off.



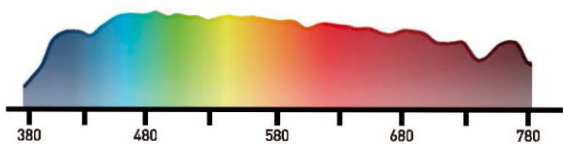
Digital Addressable
Lighting Interface

DALI

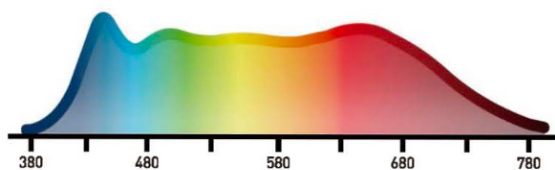
- Device Type 6 (DT6)
- Device type 8 (DT8)

Has the ability to adjust light and colour temperature.

SOL is dedicated to achieving the truest possible spectrum of natural sunlight, delivering a lighting experience that feels authentic, healthy, and effortlessly comfortable—enhancing both well-being and the ambience of any space.



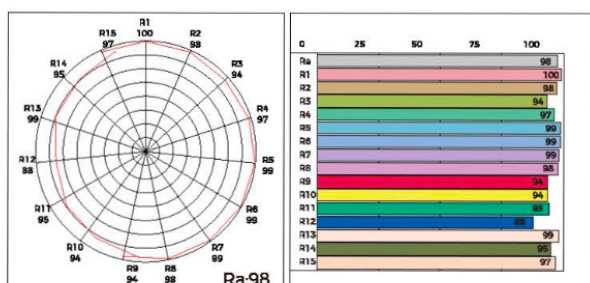
Sunlight Spectrum: Most Abundant Spectrum



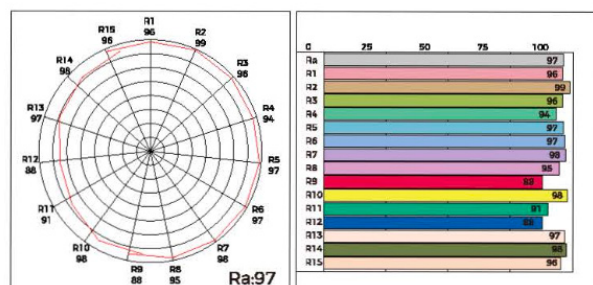
SOL Spectrum: Most Closest to Sunlight

SOL has developed a new generation of LED light sources through meticulous research and precision engineering, optimising the balance of fluorescent components to achieve exceptional spectral performance. The result is light with characteristics remarkably close to the natural solar spectrum, delivering outstanding colour quality and a more natural, healthy, and comfortable lighting experience.

Advancing LED technology to new heights, **SOL** offers an exceptional colour rendering index—approaching the ideal Ra100—allowing each beam to reproduce the true, vibrant colours of objects with unparalleled accuracy. This ensures users enjoy a clearer, more authentic visual experience and a lighting environment that most closely replicates natural sunlight.



SOL Daylight White: LED CRI



SOL Warm White: LED CRI

02

APPLICATION



A SALUTE TO THE SUNSHINE

The Patheon - One of the most renowned building in Anient Rome.

Inspired by the timeless grandeur of the ancient Pantheon, **SOL** was seamlessly integrated as circular skylighting luminaires into the crown of the skyscraper. These designs pay homage to classical architecture while emulating the purity and balance of natural light. The result is a refined interplay of light and shadow, creating an atmosphere both majestic and serene.

ROUND SERIES

Inspired by nature's perfect shape, this unique circular design captures the essence of sunlight, blending natural beauty seamlessly into architectural art.



Project: Art Exhibition Hall, Shenzhen

SOL luminaires are seamlessly embedded in the ceiling, like the sun suspended in the sky — illuminating spaces while warming the heart. Designed not only for light, but to create atmosphere, they evoke the comfort of basking in gentle sunshine. The **SOL** Circular Series, with its soft, harmonious form, has become an essential feature in modern interiors. It enhances spatial beauty while infusing vitality and emotion, filling every corner with the radiance and warmth of home.



Project: Home Exhibition Hall

With its high quality design, SOL3-1212S simulates natural, vivid scenery, bringing the sky's dynamic beauty into our living spaces.

Moving Clouds

01. Dynamic Sky

SOL 3-1212S recreates the ever-changing beauty of the sky, with the ability to synchronise multiple sky scenes for dynamic, immersive lighting effects. This transforms spaces with vitality and striking visual impact.

02. Natural Sky

Intelligent simulation technology automatically adjusts sky colours based on time of day, from crisp white to serene blue, delivering a natural and harmonious lighting environment indoors.

03. Ultra-Narrow Border Design

With its refined, ultra-slim frame, the **SOL** 3-1212S minimises visual distractions, enhancing elegance while making light the true focal point of every space.

04. Integrated Large Light Outlet

The seamless, expansive light aperture elevates both the aesthetics and spatial perception, offering a brighter, more comfortable lighting experience.

05. High-End Materials

Crafted from premium aluminium alloy with a tempered glass surface, **SOL** 3-1212S combines durability and safety with a sleek, contemporary aesthetic.

06. Safe & Reliable

Each component is meticulously selected and tested, with shipments protected in custom wooden crates to ensure stability and long-term confidence in use.



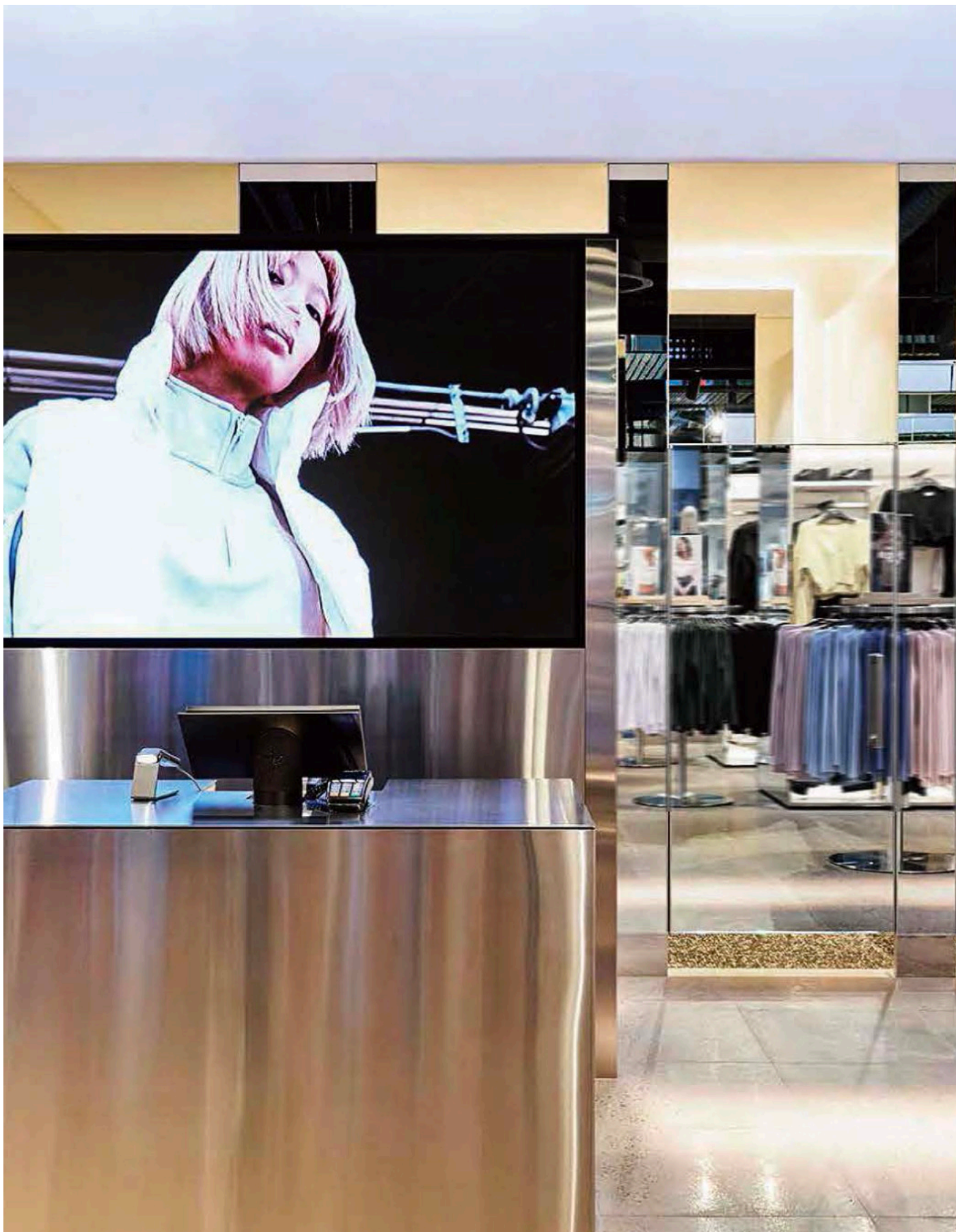
Project: Jonzhong Plaza, Shanghai

SOL – Bringing Sunlight Where Nature Cannot

In many architectural spaces, natural sunlight cannot reach—leaving areas dim and plants without adequate light. The renovation of Shanghai Jinzhong Plaza solved this challenge by integrating **SOL**, flooding even the deepest interiors of the shopping centre with natural-like illumination.

More than just lighting, **SOL** brings the warmth and brilliance of the outdoors indoors—supporting plant growth, enhancing ambience, and elevating the customer experience with a sense of comfort and vitality that only sunlight can inspire.





Project: Glassons Clothing Store, Australia



GLASSONS CLOTHING STORE

In retail environments, **SOL** brings the truest form of natural light indoors, using an authentic sunlight spectrum to reveal the genuine colours and textures of clothing. This allows customers to see garments exactly as they would appear in daylight — enabling more confident, aesthetically aligned purchasing decisions.



AUDI 4S STORES

Project: Audi 4S Chain Stores
Product: SOL2-1206 (8 **SOL**'s are connected together)

In Audi's 4S stores, the integration of the **SOL** system transforms the showroom into a refined, welcoming space that embodies the essence of luxury. Meticulously positioned lighting in the grand atrium bathes the area in a warm, expansive glow, enhancing both openness and architectural elegance.

This thoughtful illumination not only perfects the visibility of every detail but also reflects Audi's uncompromising dedication to precision and customer experience. Within this luminous, sophisticated setting, guests are free to explore and appreciate each model with ease, comfort, and a sense of exclusivity.

"Used by over 130 Audi 4S Stores."





OFFICE LIGHTING

Achieving linear elegance.

01. Linear Lighting Elegance

SOL features a precision linear design, casting light at a 30-degree angle to beautifully wash walls and floors, delivering both intimacy and depth across the space.

02. Sunlight in Motion

Through intelligent dimming, **SOL** gracefully mirrors the natural rhythm of daylight from dawn to dusk, creating a lighting experience attuned to human well-being.

03. Seamless Visual Flow

With an ultra-narrow 2 cm join, **SOL** achieves virtually invisible seams, ensuring an uninterrupted, harmonious visual presentation across multiple units.

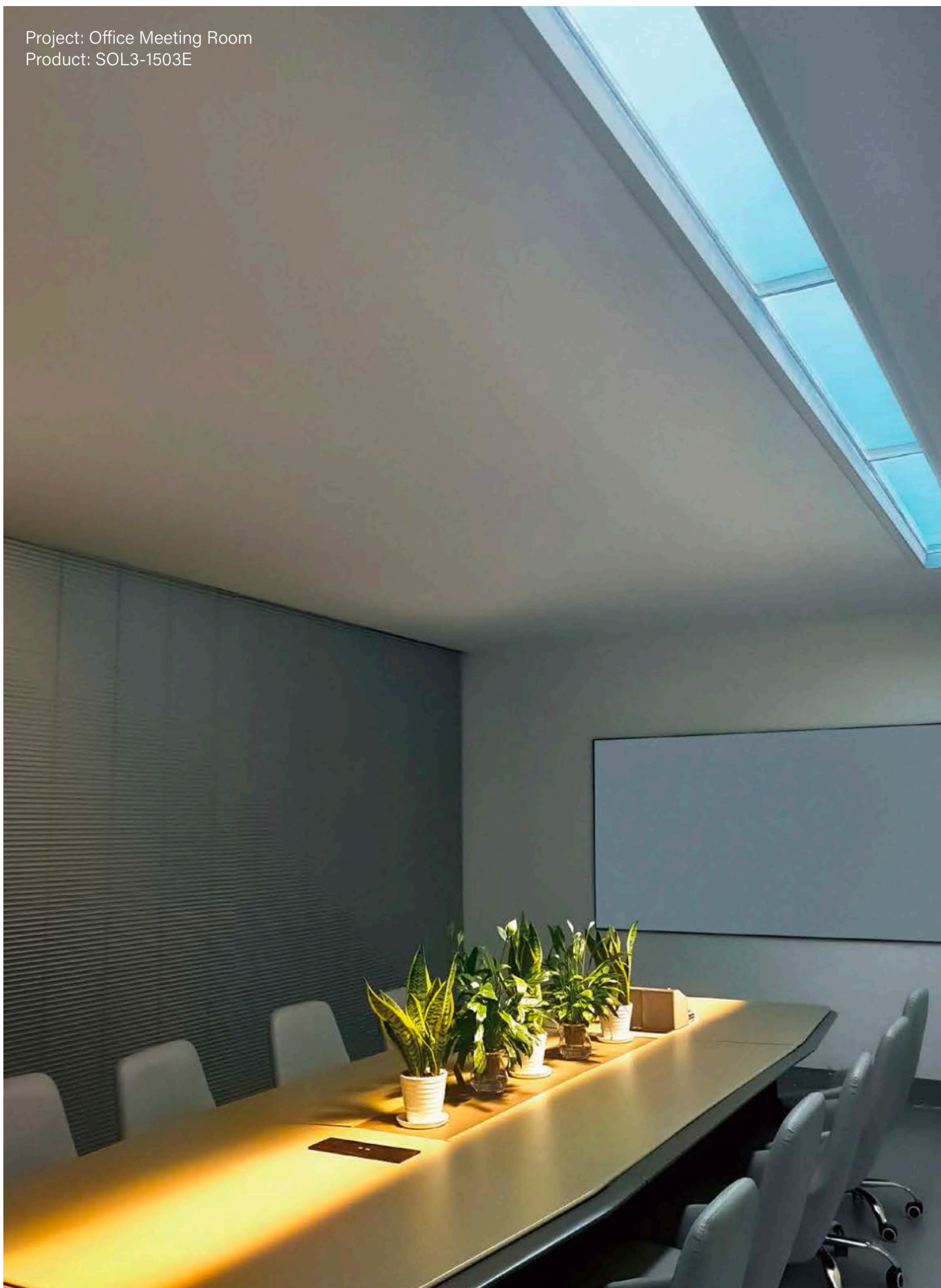
04. True Blue Horizon

SOL recreates the serenity of a clear blue sky indoors with premium sky-simulation technology, enveloping spaces in a calming, uplifting atmosphere.

05. Crafted for Endurance

Encased in premium aluminum alloy with a tempered-glass surface, **SOL** blends refined aesthetics with exceptional durability and reliability.

Project: Office Meeting Room
Product: SOL3-1503E





WALL WASHER

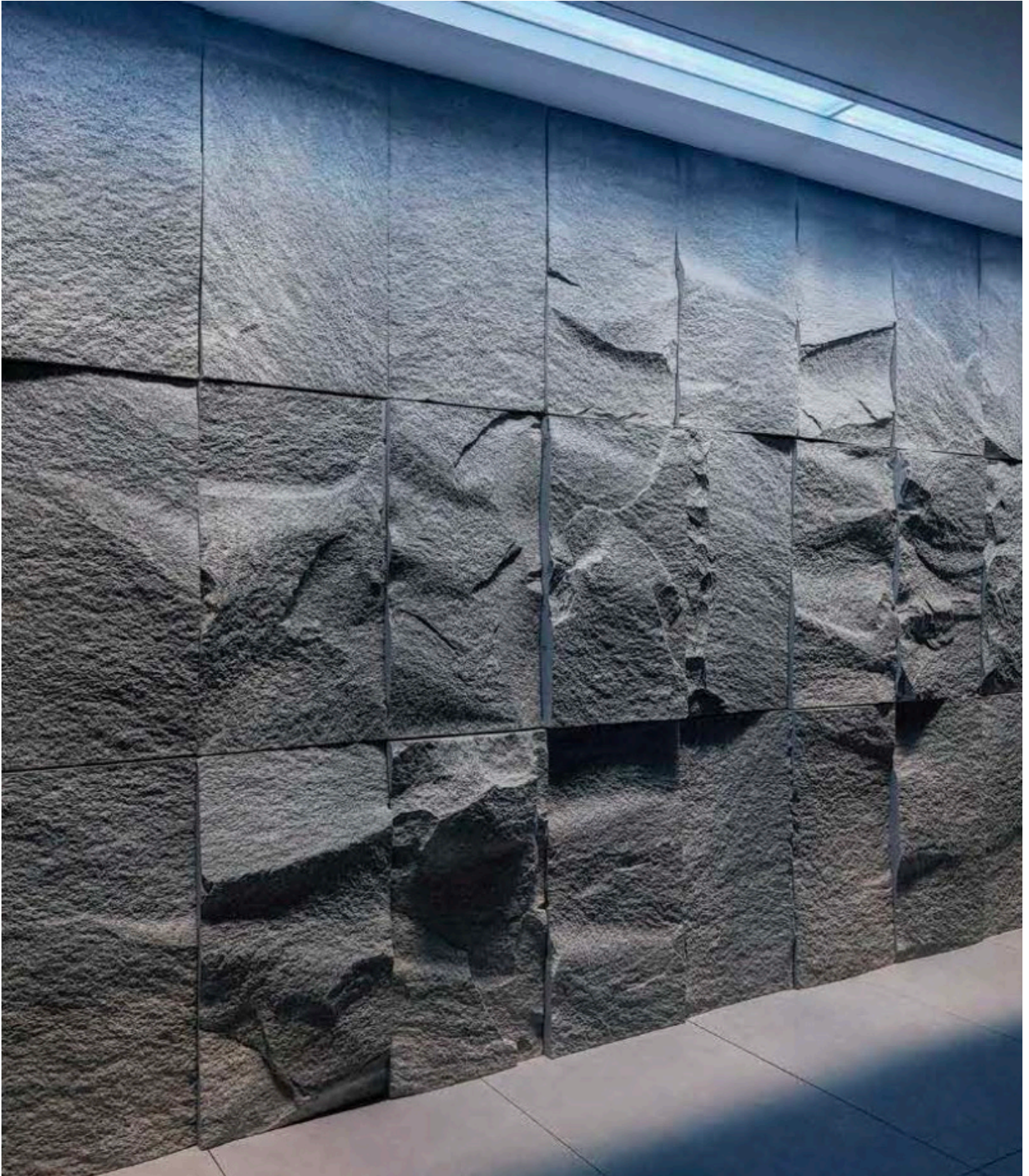
Integrating Natural Elements

Humans share a deep, instinctive connection with nature. **SOL** brings this bond indoors by marrying the purity of natural light with the timeless elegance of stone, transforming once-muted spaces into vibrant showcases of colour and vitality.

When **SOL** illuminates stone surfaces, it weaves intricate layers of light and shadow, breathing movement and depth into what was once static. Through the artistry of simulated natural daylight, every hue and texture emerges in its truest form, rendering the stone more lifelike, tactile, and captivating.

SOL3-1503W

Effortlessly bathing entire walls in a flawless, even glow, **SOL** also creates refined pools of light upon the ground, enriching the ambiance. Capable of washing walls soaring over 10 metres high, it delivers grandeur and precision in perfect harmony.

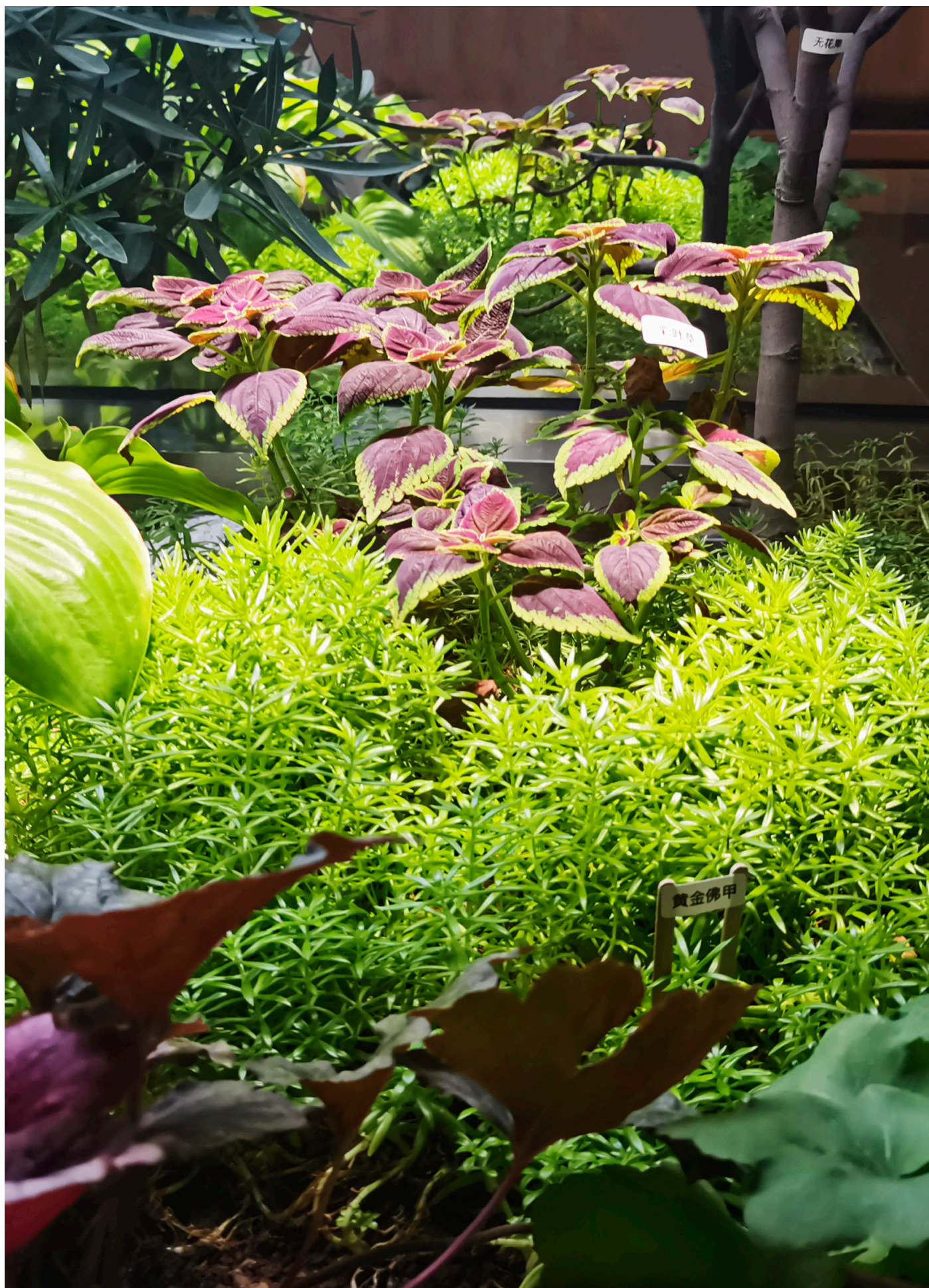


Promoting Plant Growth in the Darkest of Spaces.



In 2020, the Beijing Mayo Clinic for Traditional Chinese Medicine—a prestigious collaboration between the Health Commission of Dongcheng District and the management of Jingyi Hospital—set a new benchmark in harmonising Eastern and Western medical excellence.

To preserve the optimal environment for cultivating medicinal Chinese herbs, the clinic employs **SOL** skylight systems. These advanced luminaires replicate the full spectrum of natural sunlight, fostering growth conditions that mirror the outdoors. By promoting robust, healthy development, **SOL** ensures the preservation of both the vitality and therapeutic potency of these treasured botanicals.



03

HEALTH BENEFITS



EML — Circadian Lighting Excellence

SOL has achieved outstanding results in the Equivalent Melanopic Lux (EML) assessment, meeting the rigorous standards of the International WELL Building Institute.

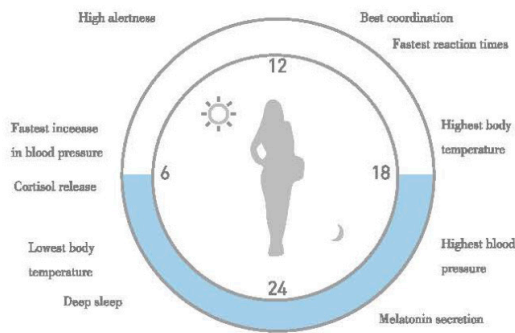
By delivering EML levels well above the required 250, **SOL** supports the body’s natural circadian rhythm, enhancing well-being, focus, and comfort. This precision-tuned lighting not only illuminates spaces beautifully, but also promotes healthier, more harmonious living and working environments.

CCT(K)	5700	5300	5000	4500	4000	3500	3000	2700
EML	4789.78	4587.48	4340.47	3920.49	3461.00	2832.55	2272.25	1803.69

Circadian Rhythm

The Earth's rotation and orbit around the Sun create the natural ebb and flow of seasonal and daily light cycles. Over millennia, life has evolved an intrinsic biological clock—our circadian rhythm—to harmonise with these patterns.

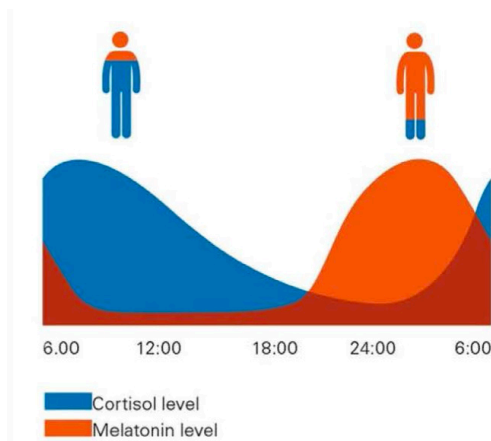
Scientific research shows that this internal clock governs vital physiological functions, from sleep–wake cycles and blood pressure to glucose regulation, metabolism, and even the expression of 10%–43% of our genes. Supporting this rhythm through precise, human-centric lighting fosters balance, well-being, and optimal performance.



Sunlight and the Biological Clock

Bright daylight signals non-visual photoreceptor cells to relay information to the pineal gland, which then moderates hormone production. In daylight conditions, melatonin secretion is reduced while cortisol levels rise—boosting alertness, energy, and productivity.

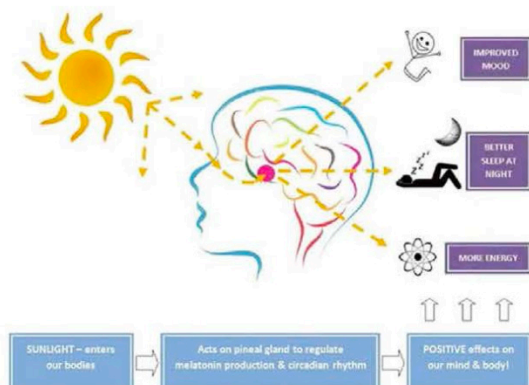
As night falls, the opposite occurs: melatonin increases, cortisol decreases, and the body shifts naturally into rest mode, supporting deep sleep and physiological recovery.

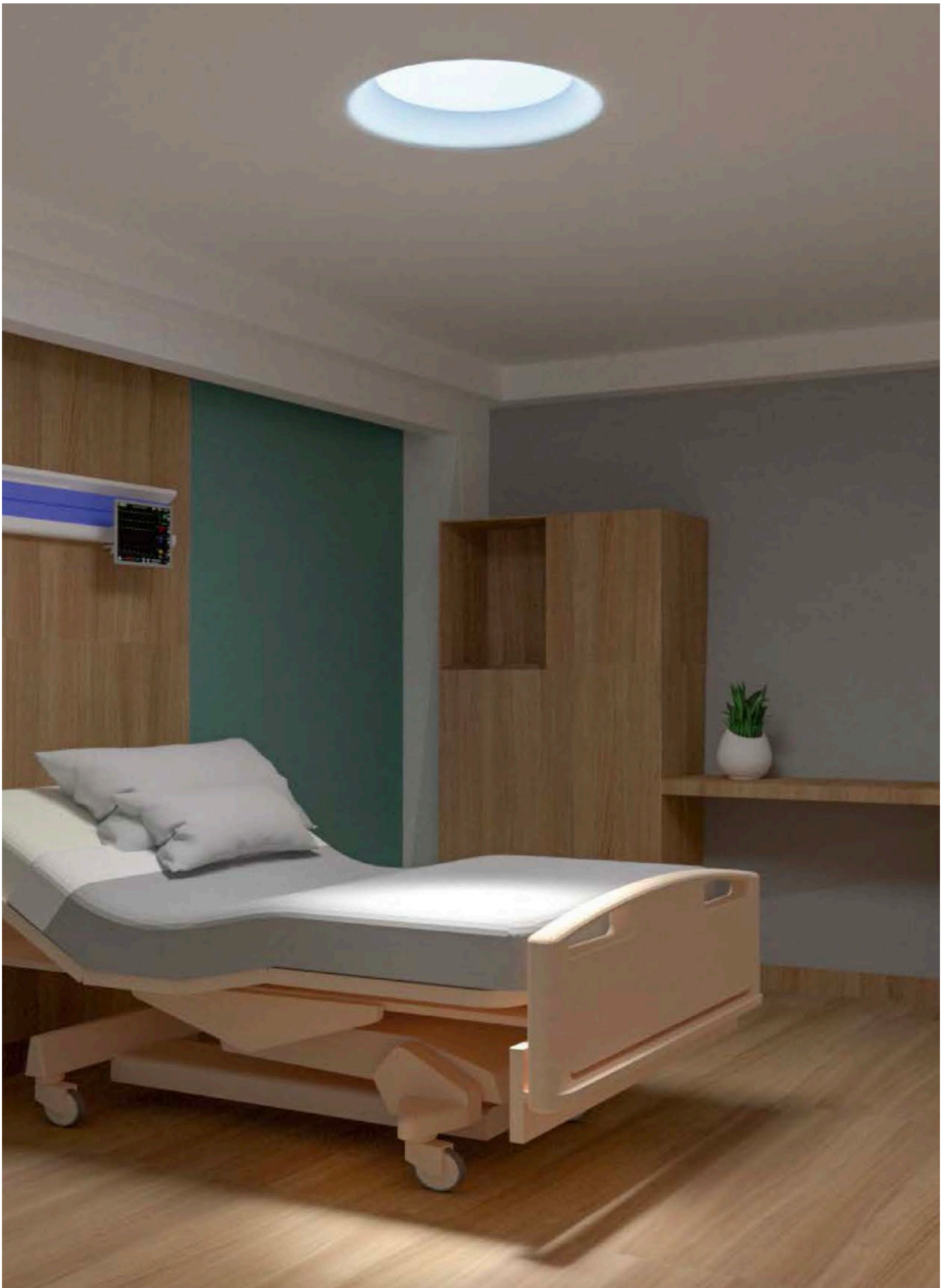


Light Therapy

Since 1984, when Dr. Norman Rosenthal and colleagues first identified light therapy's potential to ease symptoms of seasonal depression, extensive research has confirmed its broader therapeutic value.

Today, light therapy is recognised for its ability to improve a wide range of conditions—including sleep disorders, seasonal and non-seasonal depression, bipolar and perinatal depression, Alzheimer's disease, and mild cognitive impairment—offering a natural, non-invasive pathway to enhanced mental and physical well-being.







REHABILITATION CENTRE

HEALING THROUGH LIGHT

Introducing **SOL** into personal and therapeutic spaces transforms them into sanctuaries of comfort, beauty, and renewal. In rehabilitation wards, **SOL** replaces dull, enclosed environments with uplifting horizons, inviting patients to look up and see an endless blue sky. This sense of openness softens the constraints of confinement, calms the mind, and fosters a more optimistic outlook—an essential element in both emotional and physical recovery.

The same transformative presence extends to the bedroom. Positioned gracefully at the end of the bed, **SOL** evokes the gentle glow of a full moon suspended in the night sky, casting a soft and even light that soothes the senses. This serene illumination carries the romance of moonlight indoors, turning the bedroom into more than just a place of rest—it becomes a haven for the soul, where peace and healing intertwine.

Rehabilitation is not only a physical recovery, but also a psychological one.



Hospital Project in Spain



Light as a Catalyst for Recovery

Extensive research shows that natural sunlight can accelerate healing and enhance rehabilitation outcomes. A thoughtfully illuminated environment fosters comfort, eases tension, and supports overall well-being—critical elements in patient recovery.

SOL brings this restorative quality indoors. Installed in a specialised hospital in Spain, **SOL** transforms examination rooms into spaces of calm by opening a visual connection to the beauty of natural skies and landscapes. Patients feel their stress dissolve and their spirits lift, while doctors experience a more serene, focused working environment. In these moments, light becomes more than illumination—it becomes therapy.



Light therapy can effectively treat and improve symptoms of depression.



Project: Rehabilitation Room
Product: SOL2-1206

Seasonal depression often stems from reduced sunlight in winter, when shorter daylight hours disrupt the body's biological clock. This imbalance can lead to circadian rhythm disturbances, hormonal changes, and a range of emotional and mental health challenges.

Sunlight is more than a source of illumination—it is a source of joy. Prolonged absence from its warmth and brightness can significantly impact mental well-being. Through its precisely engineered light spectrum, **SOL** recreates the uplifting qualities of natural sunlight, offering a controlled light environment clinically shown to alleviate symptoms of depression and restore emotional balance.



HEALTH CARE CENTRE

Project: Auckland Nursing Home, New Zealand -
A Nursing Home for people with Alzheimers disease

Project Overview

In East Tamaki, Auckland, a respected nursing home partnered with our regional team in New Zealand to elevate the living environment for its residents. With deep expertise in hospital and aged-care lighting, we understood the unique needs of the elderly and the profound benefits of a healthy light ecosystem.

Through detailed consultation, we demonstrated how **SOL's** smart sunlight technology could enhance well-being, mood, and daily comfort. Impressed by the science and elegance behind the solution, the nursing home embraced the lighting scheme, confident it would bring warmth, vitality, and a renewed sense of joy to its residents.

Project Requirement

At this Alzheimer's care nursing home, residents cannot go outdoors unaccompanied, resulting in minimal exposure to natural sunlight. Insufficient sunlight is linked to insomnia, low mood, depression, and other health issues—highlighting the need for **SOL's** daylight-mimicking illumination to support well-being.

04

PRODUCT MODELS



SOL4-1206

STANDARD SIZES: 600 X 600MM | 600 X 1200MM | 600 X 2400MM

Features:

- 01. Various sizes providing a wider range of choices.
- 02. Dynamic Sky with Moving Cloud Effects
- 03. Various Day Settings - Blue sky with white clouds, dusk, dawn, starry sky.
- 04. Multi window stitching to achieve sky linkage
- 05. Ability to simulate 24-hour changes in sunlight
- 06. Bright skylight that follows the sunlight spectrum

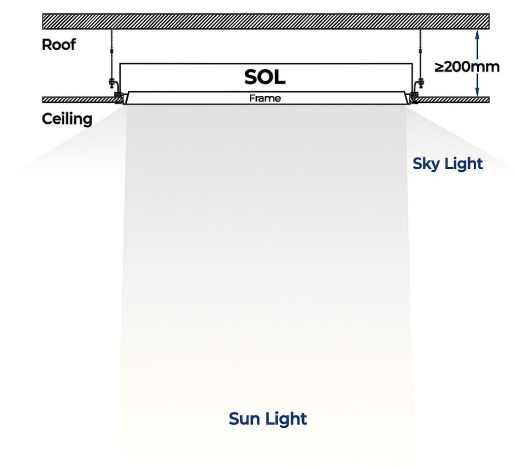
Specifications: All electrical parameters are values at 12 o'clock (SOL-4-1206).

Power	275W
Voltage	90-277Vac
Illumination (@3m)	3000lux
CCT	2500-10000K
Ra	98
Light Tilt	90°
Life Time	50000H
Sky Effect	Dynamic Sky

Control Method	APP Panel DALI
Dimming Range	0-100%
Shell Material	Aluminium Alloy
Surface Material	Tempered Glass
Weight	40kg
IP	20
Operating Temperature	20-40 °C
Certification	CE ETL CCC

Recessed Installation: Insert SOL into the holding frame and then install the font frame.

SOL Size	1170*570*120mm
Sky Size	1148*480mm
Hole Size	1195*595mm
Ceiling Height	>200mm
Holding Frame Size	1210*610*68mm
Front Frame Size	1220*620*52.6mm
Boarder width when splicing	Long side: 72mm Short side: 140mm





SOL3-1212S

DYNAMIC SKY WITH MOVING CLOUDS

Features:

- 01. Multi-SOL install to achieve sky lineage.
- 02. Dynamic Sky with Moving Cloud Effects.
- 03. Large Sky Outlet with a narrow framed boarder.
- 04. Ability to simulate 24-hour changes in sunlight.
- 05. Bright skylight that follows the sunlight spectrum.

Specifications: All electrical parameters are values at 12 o'clock (SOL1212-S).

Power	415W
Voltage	90-277Vac
Illumination (@3m)	3000lux
CCT	2500-10000K
Ra	98
Light Tilt	90°
Life Time	50000H
Sky Effect	Dynamic Sky

Control Method	APP Panel DALI
Dimming Range	0-100%
Shell Material	Aluminium Alloy
Surface Material	Tempered Glass
Weight	40kg
IP	20
Operating Temperature	20-40°C
Certification	CE ETL CCC

Recessed Installation: Insert SOL into the holding frame and then install the font frame.

SOL Size	1170*1170*121mm
Sky Size	1080*1080mm
Hole Size	1195*1195mm
Ceiling Height	>200mm

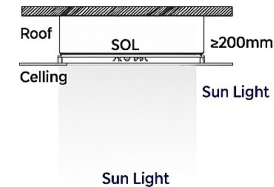
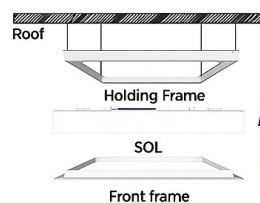
Holding Frame Size	1210*1210*68mm
Front Frame Size	1220*1220*52.8mm
Boarder width when splicing	65*2=130mm

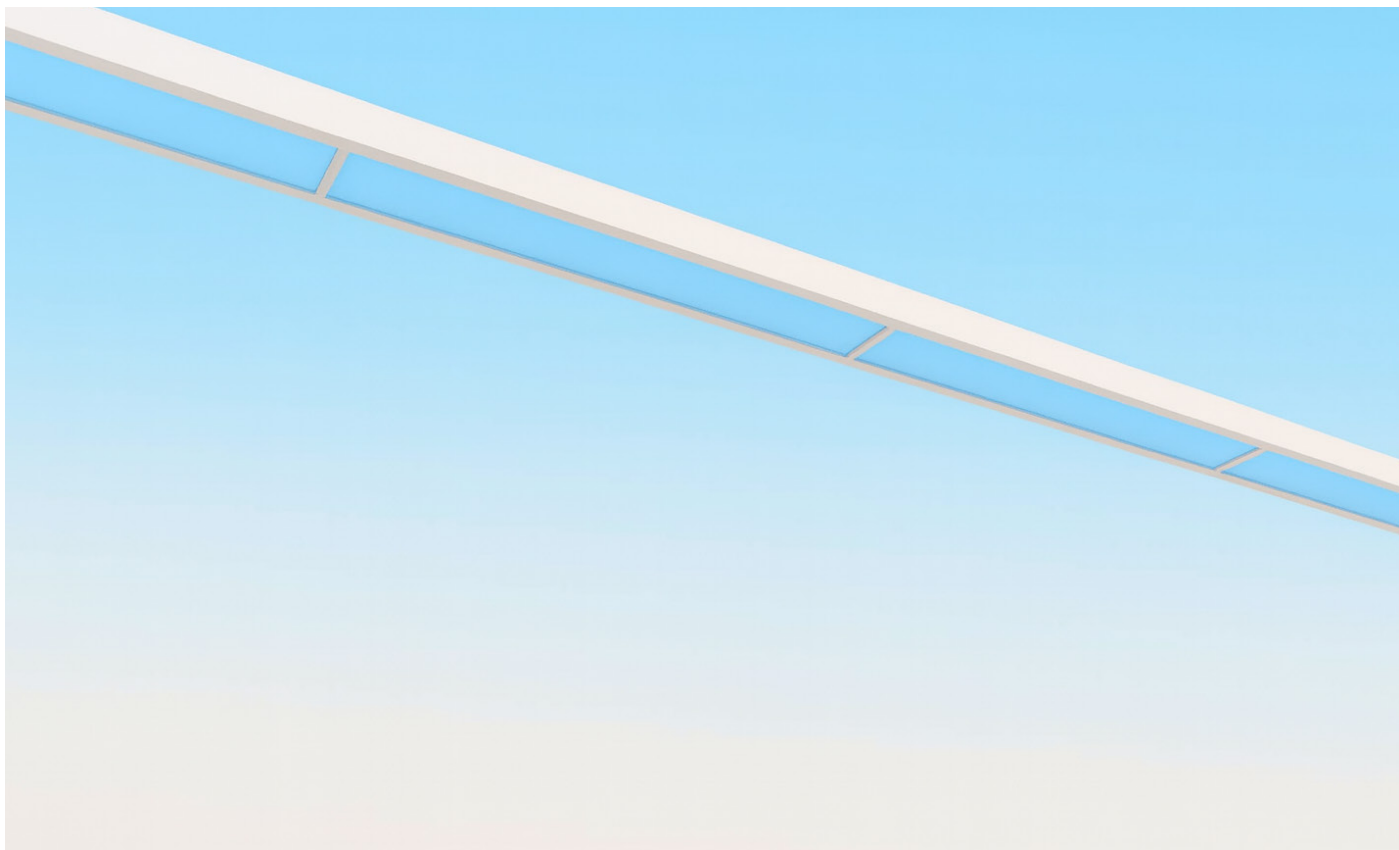


SOL Front



SOL Back





SOL3-1503

TWO PRODUCT SIZES AVAILABLE. SOL3-1503E AND SOL3-1503W. EACH PRODUCT HAS A VARIED LIGHT OUTPUTS BUT ALL OTHER PARAMETERS REAMIN THE SAME.

Features:

- 01. Linear Installation providing longitudinal ltra-narrow splicing gap (22mm).
- 02. Ability to simulate 24-hour changes in sunlight.
- 03. Bright skylight that follows the sunlight spectrum.
- 04. SOL3-1503E: 30-degree titlt sunshine.
- 05. SOL3-1503W: wall washer effect.

Specifications: All electrical parameters are values at 12 o'clock

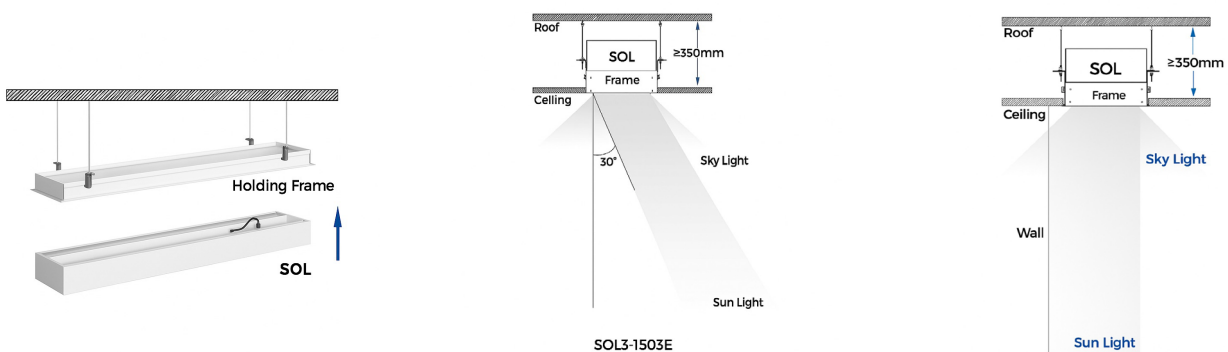
Power	92W
Voltage	90-277Vac
Illumination (@3m)	3000lux
CCT	2500-10000K
Ra	98
Light Tilt	E: 30° W: Wall Washer
Life Time	50000H
Sky Effect	True Blue

Control Method	APP Panel DALI
Dimming Range	0-100%
Shell Material	Aluminium Alloy
Surface Material	Tempered Glass
Weight	16.4kg
IP	20
Operating Temperature	-20~40°C
Certification	CE ETL CCC

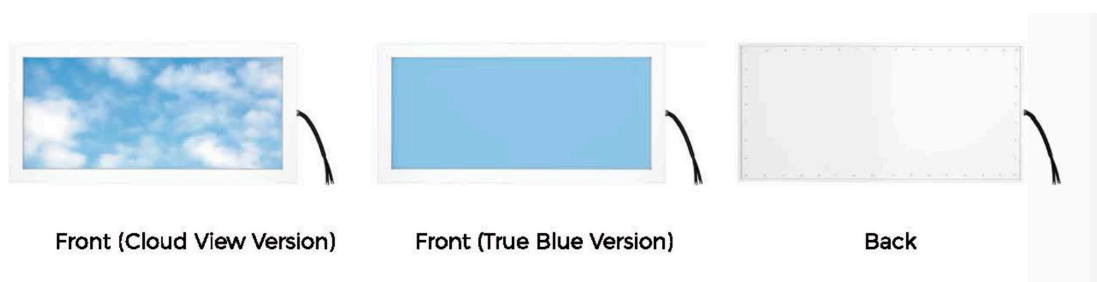
Recessed Installation: Insert **SOL** into the holding frame.

SOL Size	1481*270*116mm
Sky Size	1459*181mm
Hole Size	1496*282mm
Holding Frame Size	1521*309*79.5mm

Ceiling Height (1 SOL)	>200mm
Holding Frame Size (Above 1 SOL)	>280mm
Ceiling Height (Ultra-thin version)	>150mm
Boarder width when splicing	11*2=22mm



SOL2-1206

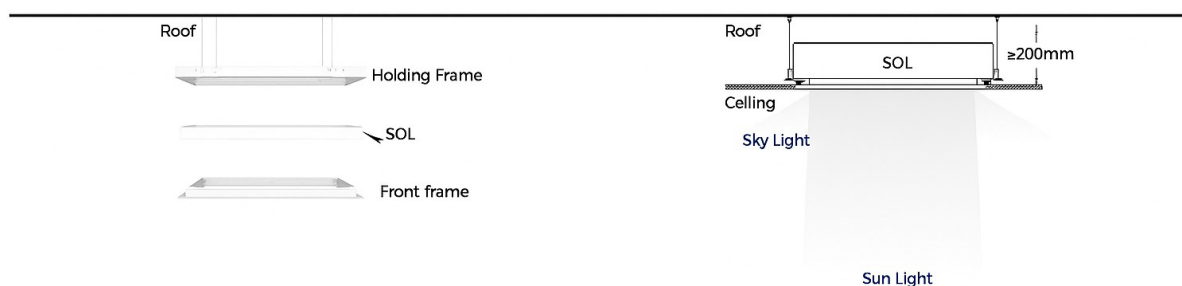


Specifications: All electrical parameters are values at 12 o'clock

Power	240W
Voltage	90-277Vac
Illumination (@3m)	5000lux
CCT	2700-10000K
Ra	98
Light Tilt	90°
Life Time	50000H
Sky Effect	True Blue/Cloud View

Control Method	APP Panel DALI
Dimming Range	0-100%
Shell Material	Aluminium Alloy
Surface Material	Tempered Glass
Weight	16kg
IP	50
Operating Temperature	-20~40 °C
Certification	CE ETL CCC SAA PSE

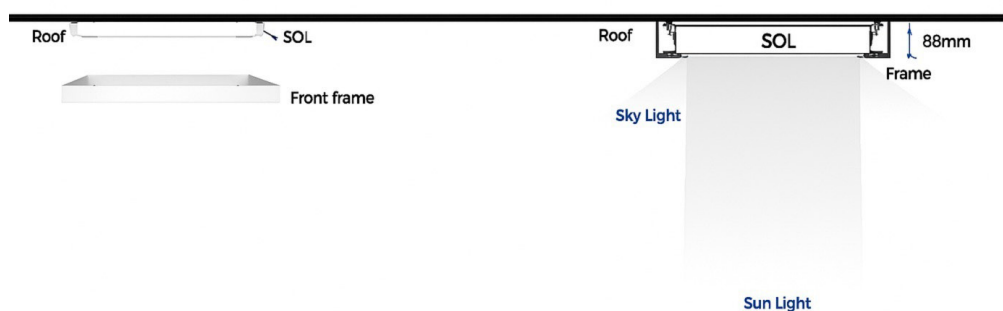
Recessed Installation: Insert **SOL** into the holding frame, then install the front frame.



SOL Size	1170*570*73mm
Sky Size	1060*460mm
Hole Size	1180*580mm
Ceiling Height	>200mm

Holding Frame Size	1200*600*60mm
Front Frame Size	1158*558*67mm
Boarder width when splicing	$62*2=124\text{mm}$

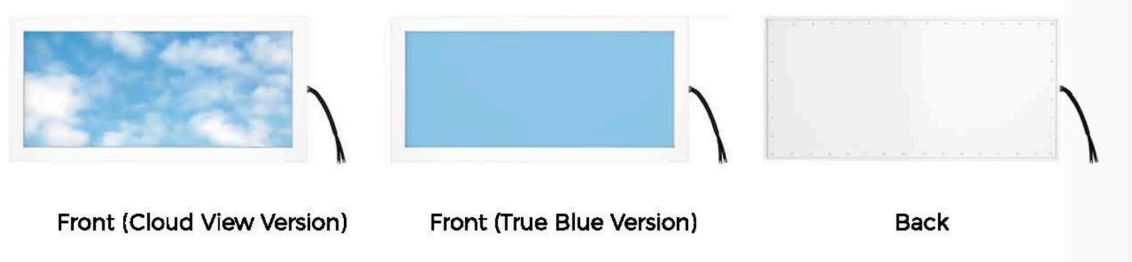
Surface Installation: Fix **SOL** to the roof with accessories, then install the front frame.



SOL Size	1170*570*73mm
Sky Size	1060*460mm
Finished Height	88mm

Front Frame Size	1180*680*88mm
Boarder width when splicing	$72*2=144\text{mm}$

SOL2-0606

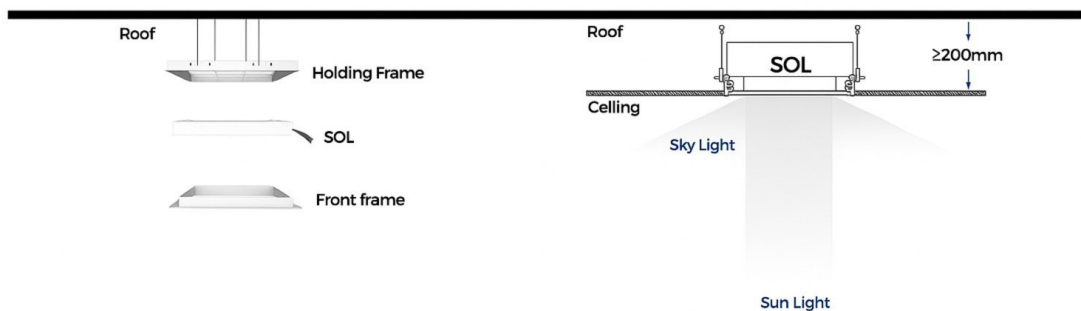


Specifications: All electrical parameters are values at 12 o'clock

Power	120W
Voltage	90-277Vac
Illumination (@3m)	3500lux
CCT	2700-10000K
Ra	98
Light Tilt	90°
Life Time	50000H
Sky Effect	True Blue/Cloud View

Control Method	APP Panel DALI
Dimming Range	0-100%
Shell Material	Aluminium Alloy
Surface Material	Tempered Glass
Weight	8kg
IP	50
Operating Temperature	-20~40°C
Certification	CE ETL CCC SAA PSE

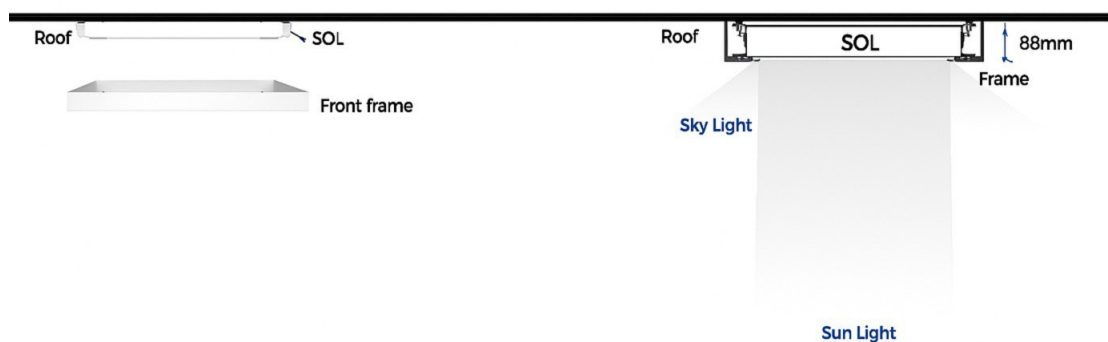
Recessed Installation: Insert SOL into the holding frame, then install the front frame.



SOL Size	570*570*73mm
Sky Size	460*460mm
Hole Size	580*580mm
Ceiling Height	>200mm

Holding Frame Size	600*600*60mm
Front Frame Size	558*558*67mm
Boarder width when splicing	62*2=124mm

Surface Installation: Fix SOL to the roof with accessories, then install the front frame.



SOL Size	570*570*73mm
Sky Size	460*460mm
Finished Height	88mm

Front Frame Size	680*680*88mm
Boarder width when splicing	72*2=144mm

SOL4-R06



Specifications: All electrical parameters are values at 12 o'clock

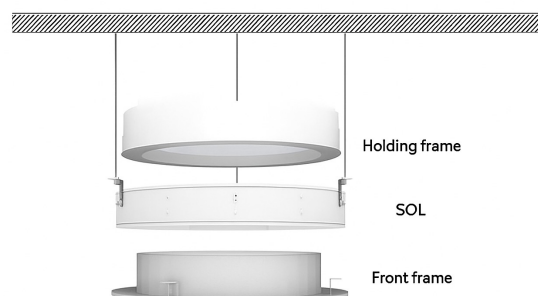
Power	125W
Voltage	90-277Vac
Illumination (@3m)	3000lux
CCT	2500-10000K
Ra	98
Light Tilt	90°
Life Time	50000H
Sky Effect	True Blue

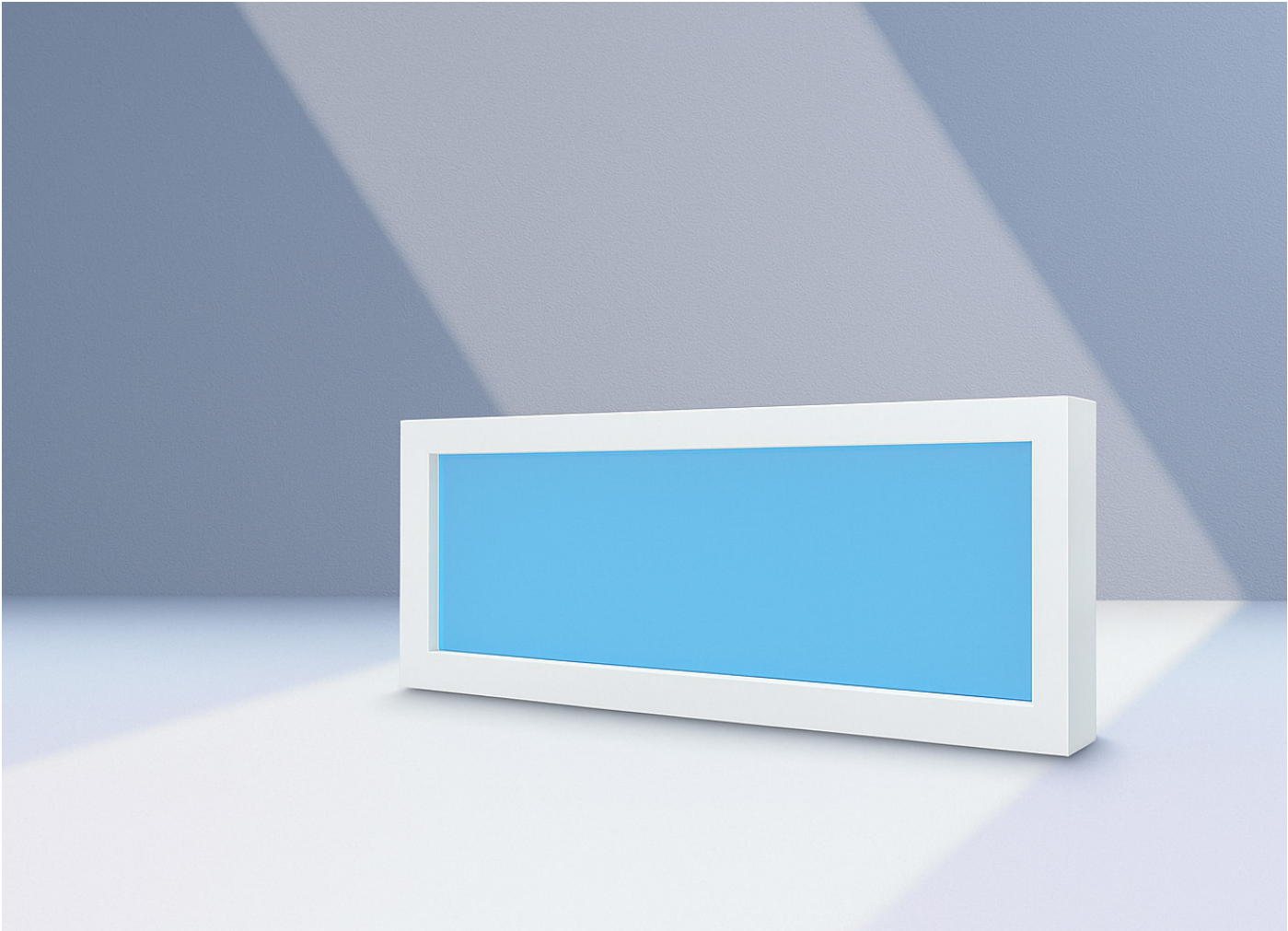
Control Method	APP Panel DALI
Dimming Range	0-100%
Shell Material	Aluminium Alloy
Surface Material	Acrylic
Weight	10kg
IP	20
Operating Temp.	-20~40°C
Certification	CE ETL CCC

Recessed Installation: Insert **SOL** into the holding frame.

SOL Size	D=605mm, H=93mm
Front Frame Size	D=623mm, H=90mm
Sky Size	D=500mm
Hole Size	D=628mm
Ceiling Height	at least 200mm

D = Diameter
H = Height





SOL-MINI-0306

Specifications: All parameters are for reference only, and the final data is subject to the actual product.

Power	60W
Voltage	90-277Vac
Illumination (@3m)	2500lux
CCT	2500-10000K
Ra	98
Light Tilt	90°

Life Time	50000H
Sky Effect	True Blue
SOL Size	570*270* 120mm
Control Method	APP Panel DALI
Shell Material	Aluminium Alloy
Weight	10kg

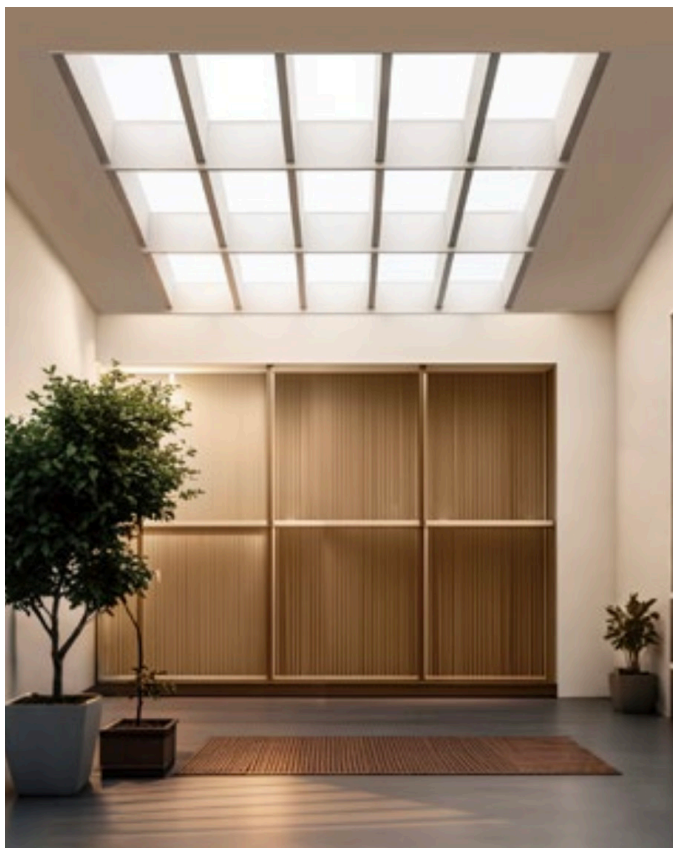


SOL-P

CIRCADIAN RHYTHM LED PANEL LIGHT

SOL-P is a next-generation circadian rhythm LED panel light designed to bring the natural rhythm of sunlight indoors. By automatically adjusting its spectrum throughout the day, **SOL-P** helps the body align with natural cycles, supporting melatonin regulation, improving sleep quality, and enhancing overall well-being. With a high color rendering index (Ra97), flicker-free and blue-light-hazard-free technology, and flexible control options via app, DALI, or controller, **SOL-P** delivers both healthy illumination and superior visual comfort. Available in multiple installation styles, it is a versatile solution for offices, schools, healthcare environments, and homes seeking a healthier, more natural light experience.

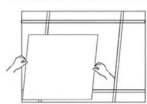




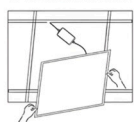
Installation

Conventional Installation

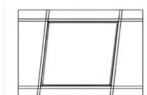
1. Remove the ceiling panel



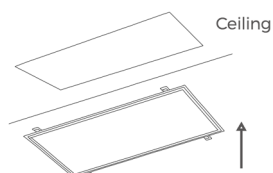
2. Connect the Driver



3. Place the panel light

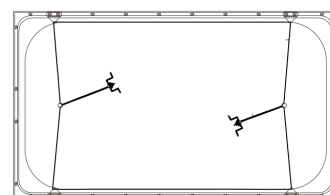


Recessed Installation



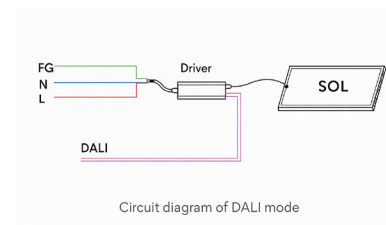
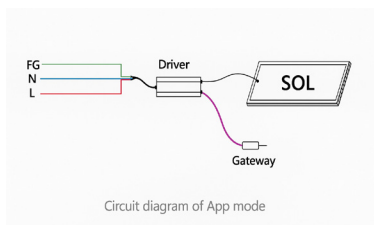
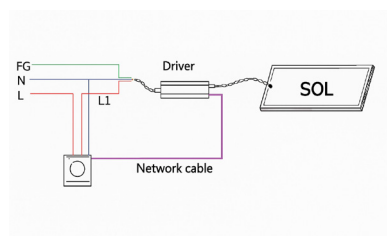
Need to use spring buckles.
Hole size - 1206E: 1185*585mm
- 585*585mm

Suspension Installation



Need to use hanging rope accessories. One end of the hanging rope accessory is fixed to the roof, and the other end is fixed to the SOL-P.

Circuit diagram



MODEL	POWER	SIZE	VOLTAGE	CONTROL	TC	CRI
SOL-P-1206E	70W	1195*595*35mm	100-240V-	Control/APP/DALI	2600-6500K	Ra97
SOL-P-0606E	38W	595*595*35mm	100-240V-	Control/APP/DALI	2600-6500K	Ra97

Control Panel

Independently developed intelligent control panel, making it easy for users to control **SOL**.



1

CONTROL PANEL

Control panel uses a radio frequency transmission signal, which has longer transmission distance with more stability.



2

AUTOMATIC MODE

SOL automatically adjusts the brightness & colour temperature of light, synchronising the 24-hour cycle of sunlight.



3

MANUAL MODE

Users can freely adjust the brightness and colour temperature of the light according to their preferences and needs.



Auto



Manual



APP



Model



Latitude



Dimming



Timer



Touch



Password



Memory

Power	3.5W
Voltage	90-277Vac
Material	Plastic
Weight	0.5kg
Size	86*86*38mm

Load Power	1000W max
Load Current	8A max
Lifetime	50000H
RF Communication Distance	50m
RF Communication Distance	10m

Control panel requires both neutral (N) and live wires(L) to be powered at the same time. RJ45 connector required for wired mode.

The communication distance and Bluetooth Receiver Distance are when there are no metal or wall obstructions.



BRING THE OUTSIDE, INSIDE
WITH **SOL**



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