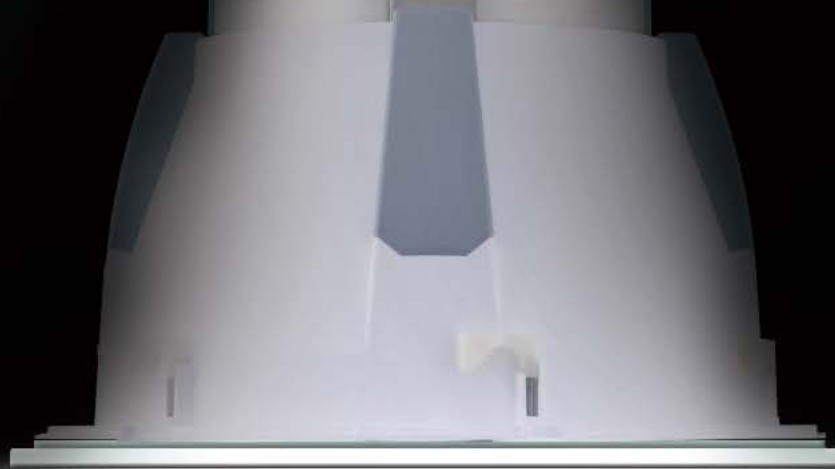


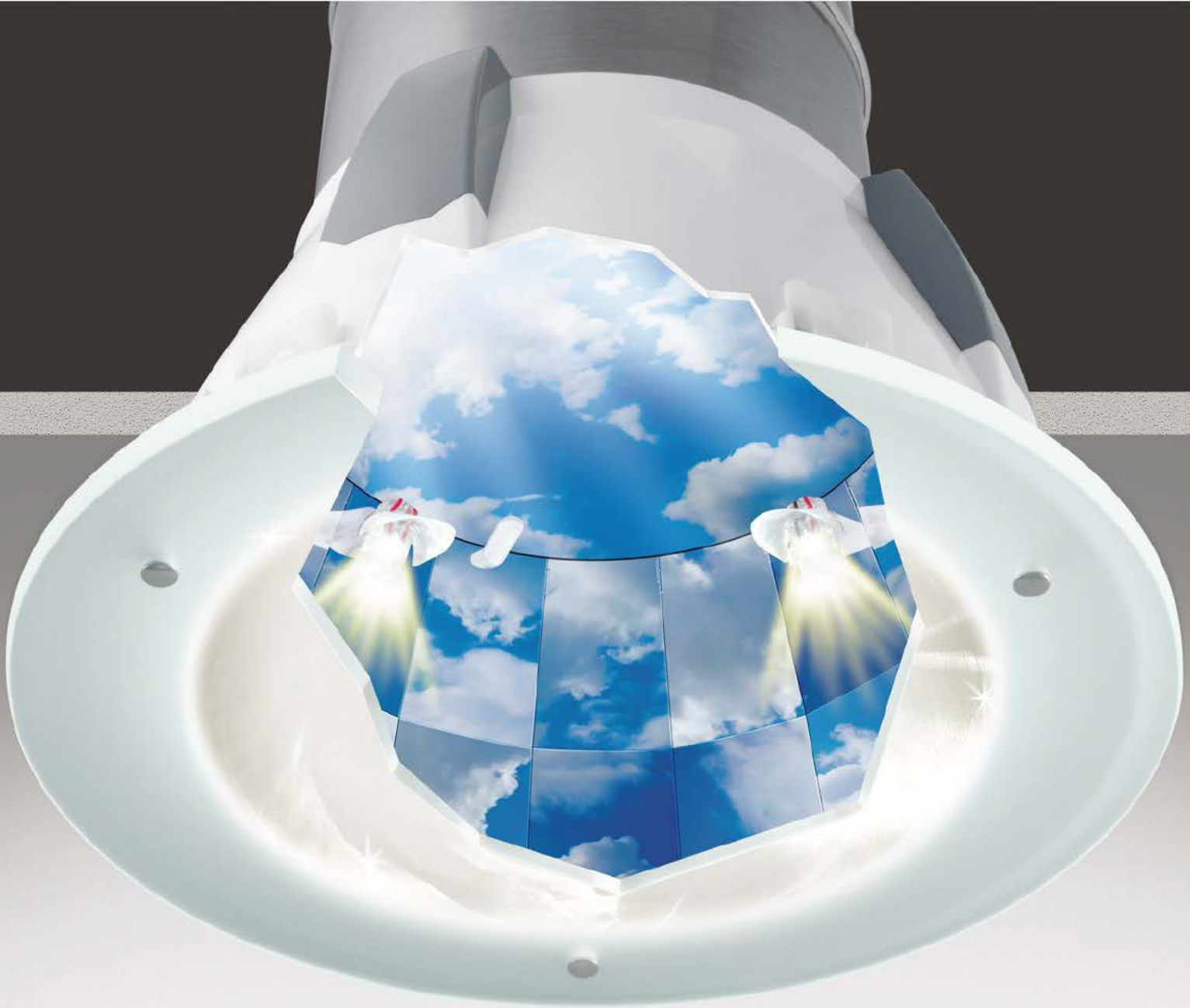
The most energy
efficient lighting
for your home.
Ever.



Innovation in *Night and* Daylighting



SOLATUBE®



The Sun & LED Unite

Introducing the Solatube® Smart LED System

Save Up to 94% on Lighting Energy Costs

The revolutionary Solatube Smart LED is a 24-hour home lighting solution that delivers up to 94% in light energy savings*. This revolutionary system combines advanced LED technology with state-of-the-art daylighting for unparalleled energy efficiency. It also operates automatically; lasts longer than traditional electric lights, is virtually maintenance-free and adds up to big savings for homeowners.

Runs on Autopilot

The Solatube Smart LED System operates automatically, turning the integrated LED lights on and off as light levels change throughout the day and night. Homeowners never have to flip a switch. For even smarter lighting, the optional Occupancy Sensor allows activation only when a room is occupied.



Made to Save Money

The Solatube Smart LED System minimises electricity use and eliminates the need for replacement bulbs. Homeowners will save year after year because they'll spend less on energy and maintenance fees. For even lower costs, the Occupancy Sensor allows the system to activate only when an underlit area is occupied.



Made to Last

The world's best light sources unite in the Solatube Smart LED System. Unlimited sunlight illuminates rooms by day while long-lasting LEDs provide radiant light at night. The unique design is so dependable that homeowners won't even have to change a light bulb. They can just enjoy reliable and consistent lighting for years to come.

Contrary to LEDs, homeowners will change fluorescent and incandescent bulbs multiple times over the years. LEDs in Solatube Smart LED System can last up to 20 years.



*94% light energy savings was calculated by comparing electricity use of two 60-watt incandescent light bulbs in a typical recessed can with baffled trim for a combined three day hours and three night hours to one 15-watt LED for three night hours.

Raybender® 3000 Technology

A patented daylight-capturing dome lens that:

- Redirects low-angle sunlight for maximum light capture
- Rejects overpowering summer midday sunlight
- Provides consistent daylighting throughout the day



LightTracker™ Reflector

An innovative in-dome reflector that:

- Redirects low-angle winter sunlight for maximum light capture
- Increases light input for greater light output
- Delivers unsurpassed year-round performance



Spectralight® Infinity Tubing

The most reflective material used in TDDs. Our tubing:

- Delivers 99.7% * specular reflectivity for maximum sunlight transfer
- Provides the purest colour rendition possible so colours are truer and brighter
- Allows for run lengths over 9 meters to deliver sunlight to lower floors



SunSense Technology

A patented control center that:

- Continually assesses light levels and determines when supplemental light is needed
- Automatically triggers LEDs to provide optimal light output
- Seamlessly transitions from waning daylight to radiant LED light



Occupancy Sensor

An optional device that:

- Automatically turns LED lights on and off based on room occupancy
- Minimises energy use throughout the day and night
- Maximises the energy efficiency of the Smart LED System

Dress up the S
designed to co



AuroraGlo

*Specular reflectance greater than 99% with wavelength-specific reflectances up to 99.7% for the visible spectrum

Marvelous Lighting Through A Marvel of Technology

Solatube International has long been the innovator in daylighting. Our early products were the first to capture daylight and deliver it to interior spaces where natural light was previously unheard of. Today, we have taken another leap forward by integrating advanced LED technology into our state-of-the-art daylighting systems. The result is the Solatube Smart LED System, a 24-hour home lighting solution that delivers the perfect blend of light, day or night.

Add Style with a Solatube Decorative Fixture

Combine your Solatube Smart LED System with a Solatube Decorative Fixture. Offered in a variety of styles, these fixtures are designed to complement any decor with beautiful results.



QuadraFrost



VividShade



TierDrop



JustFrost



OptiView®



Better Lighting That

Homes come in various layouts, sizes and colours; but because they are enclosed structures, they all have one common issue, interior spaces that are underlit.

While this is especially problematic for rooms with small or no windows, even those bordered by ample windows can suffer from dark spots at various times during the day. Because of this, homeowners must deal with a multitude of issues caused by dim lighting.

- Colours appear drab
- Dimly lit spaces create safety hazards
- Visual clarity is reduced
- Eye strain is increased
- Spaces feel dark and cramped

The typical solution is to add electric lighting to an interior space, but even this is not a perfect scenario. It can lead to rising utility costs from the use of electric lights during the day and wasted energy when lights are left on in an empty room.

With the introduction of the Solatube Smart LED System, these lighting issues can now easily be

resolved. Along with delivering superior lighting with maximum energy efficiency, this innovative and robust system is also fully automated, self-sufficient and cost-effective.

As a result, homeowners can go about their daily routine without the need to flip a switch, change a light bulb, or even think about their lighting. The system conveniently operates in the background, activating itself when needed.

“The end result is a system that outperforms traditional lighting sources, is simple and easy to operate and saves money.”

In addition to remarkable light output, the 3000K LEDs match the colour of existing residential lighting, so they blend seamlessly with a home's current lighting setup. They also register at 80 on the Colour Rendering Index (CRI) for a highly accurate display of colours, allowing homeowners to discern the subtle differences between colours like maroon and burgundy or navy and black.

The end result is a system that outperforms traditional lighting sources, is simple and easy to operate and saves money. The only problem now is trying to decide how many Solatube Smart LED Systems to install.

's Smart and Simple



Bathrooms

A dimly lit interior bathroom can leave homeowners fumbling for the light switch, even at midday. A Solatube Smart LED System delivers bright daylight to help with tasks like applying makeup and reading medicine bottles.

For evening use, the optional Occupancy Sensor automatically activates the LEDs, ensuring safety while conserving energy.



Entryways

With a Solatube Smart LED System, a dark entryway can be transformed into a bright and inviting space that will leave visitors impressed. When homeowners are away, they'll feel secure knowing that the LEDs will turn on when light levels get low, acting as a deterrent to potential intruders.

Closets

Colour rendering is crucial in closets. Too often electric lighting plays tricks on the eyes, causing an unsuspecting homeowner to show up at work wearing one navy sock and one black sock. The Solatube Smart LED System resolves the colour issue by filling dim closets with bright daylight. When coupled with the optional Occupancy Sensor, it also saves money by activating the LED lights only when needed.



Hallways

Hallways are notorious for being dimly lit and under-utilised. A Solatube Smart LED System solves this problem by brightening the space and allowing homeowners to reclaim prime wall space that can be used for displaying colourful art or family photos.

Kitchens

Even if a kitchen is outfitted with task lighting and windows, there are still times during the day when shadows make it hard to see clearly. When this happens, a task like chopping vegetables becomes downright dangerous. A Solatube Smart LED System not only helps homeowners safely prepare meals, it also makes food look brighter and more appealing. For late evening meals, the LED lights automatically activate to create a soft, ambient setting.



Laundry Rooms

Often small and dimly lit laundry rooms are an ideal location for a Solatube Smart LED System. By transferring bright light indoors, fabric colours appear truer and brighter to help with tasks like folding, sorting and ironing. It also delivers perfect colour rendition so homeowners can accurately sort colours. The system even provides radiant LED lighting for managing those evening loads of laundry.

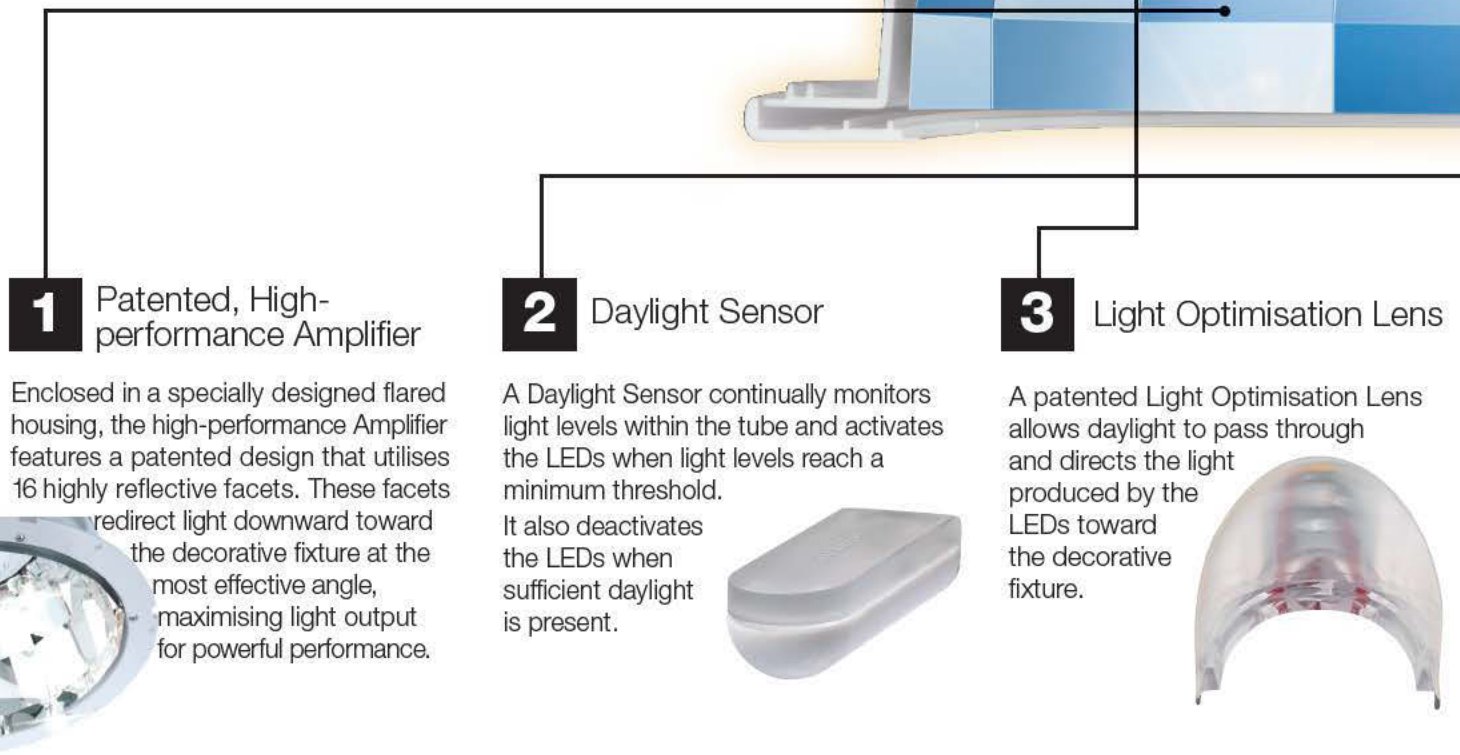
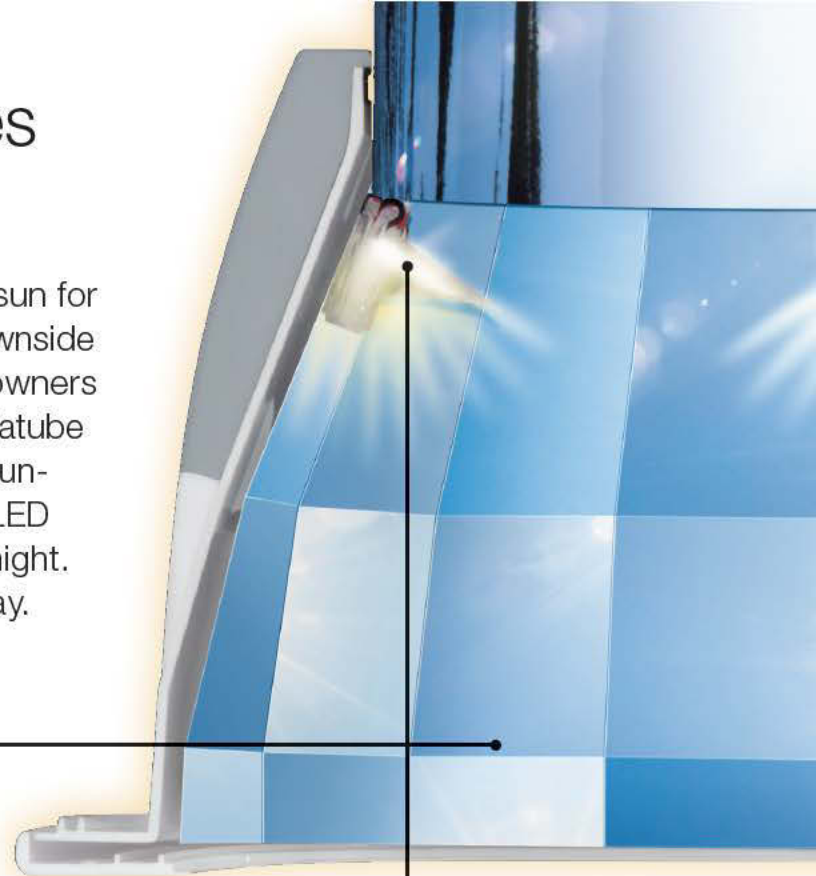


Garages

Garages are full of hidden obstacles waiting to trip up homeowners due to poor lighting. The Solatube Smart LED System can transform any garage into a safety zone by preventing occupants from stumbling around in the dark. Because those never-ending home improvement projects require frequent trips to the garage, the optional Occupancy Sensor allows homeowners to never have to worry about turning the lights on or off.

The System That Creates Light in a Smarter Way

When it comes to lighting, it's hard to beat the sun for endlessly bright, consistent lighting. The only downside is that it goes down each night, forcing homeowners to turn on electric lights to see after dark. The Solatube Smart LED System solves this problem using SunSense Technology, which blends sunlight with LED lighting to seamlessly illuminate rooms day and night. It's the system that creates light in a smarter way.



1 Patented, High-performance Amplifier

Enclosed in a specially designed flared housing, the high-performance Amplifier features a patented design that utilises 16 highly reflective facets. These facets redirect light downward toward the decorative fixture at the most effective angle, maximising light output for powerful performance.



2 Daylight Sensor

A Daylight Sensor continually monitors light levels within the tube and activates the LEDs when light levels reach a minimum threshold. It also deactivates the LEDs when sufficient daylight is present.



3 Light Optimisation Lens

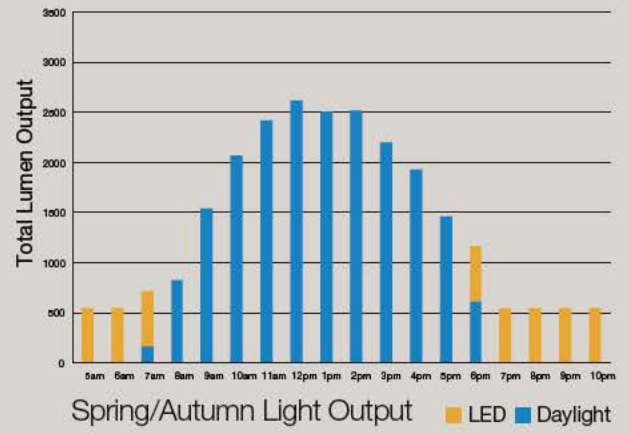
A patented Light Optimisation Lens allows daylight to pass through and directs the light produced by the LEDs toward the decorative fixture.

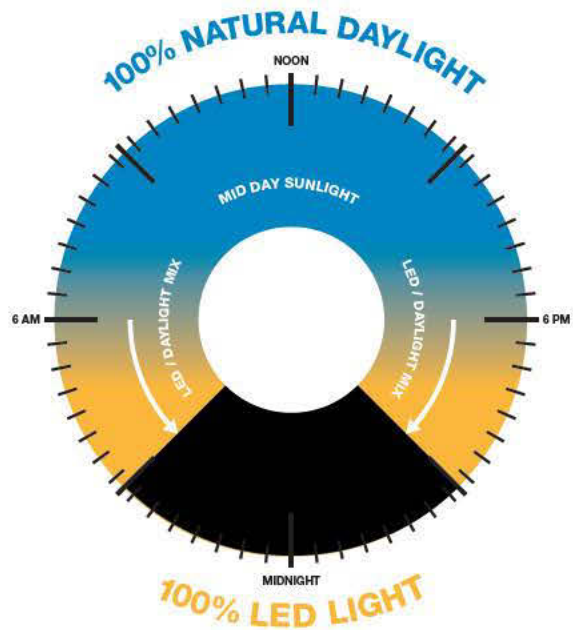


SunSense Technology

A patented control center that:

- Continually assesses light levels and determines when supplemental light is needed
- Automatically triggers LEDs to provide optimal light output
- Seamlessly transitions from waning daylight to radiant LED light





When the sun is up, the Solatube Smart LED System uses daylight as the primary source of light. After sunset, the integrated LEDs take over. At dawn and dusk, when the sun's rays aren't as strong, the system triggers the LED lights to supplement the daylight in order to maintain consistent delivery of light throughout the day.

4 Light Emitting Diodes (LEDs)

Four 3000K LEDs with an average 35 lumens / watt output provide ultra-energy efficient lighting designed to last up to 20 years. In addition, they match the colour of existing residential lighting and deliver 80 CRI for a highly accurate display of colours.



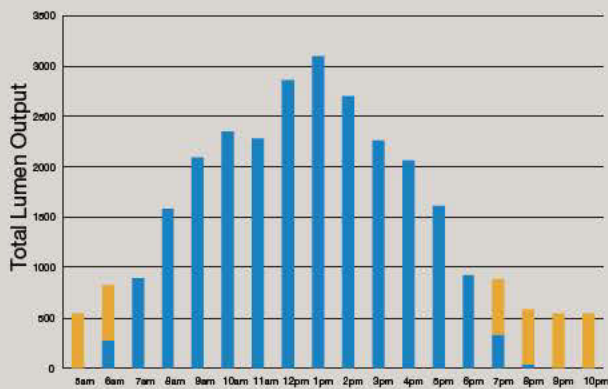
5 Easy Connect Panel and Driver

A housing assembly designed with unique connectors for the driver, Secondary System and Occupancy Sensor ensures easy installation.

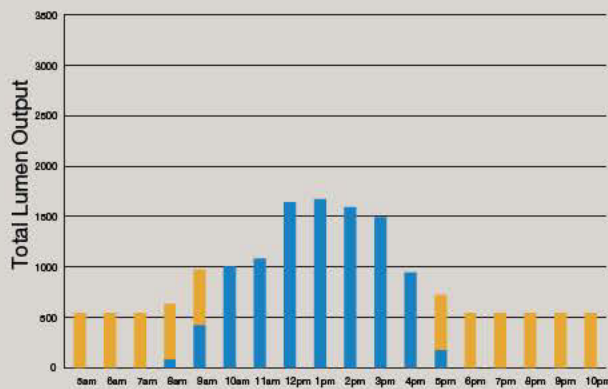


6 Optional Occupancy Sensor

The Occupancy Sensor detects occupants and automatically triggers LEDs when light levels are low. Can be turned on or off when connected to a wall switch.



Summer Light Output



Winter Light Output

Options For an Even Smarter System

If you thought the Solatube Smart LED System couldn't get any smarter, think again. With our intelligent options, homeowners can dim their daylight, synchronise their lighting and take energy efficiency to a whole new level. Not only will our options make the Solatube Smart LED System smarter, they'll make you, look like a genius!



Occupancy Sensor

The Occupancy Sensor works in concert with the Solatube Smart LED System to prevent the LED lights from triggering unless an underlit area is occupied. As a result, homeowners will spend less money on electricity and never worry about leaving the lights on. It's the option that allows them focus less on lighting and more on living.

Secondary System

For large spaces, you may want to suggest a Solatube Smart LED Secondary System. The "link and light" design saves time and money because the Secondary System comes prewired with a unique cable connector that runs up to 4.5 m from the Primary System. Designed for simplicity, it requires no new electrical connection and easily links to the Primary System for fool-proof installation and synchronised operation. Plus, additional savings for the homeowner are there for the taking when the Primary and Secondary Systems are purchased together.



Daylight Dimmer

At times, homeowners may want to reduce the amount of bright sunlight in their homes—like when they want to take a mid-morning nap or watch an afternoon movie. The optional Daylight Dimmer uses a patented butterfly baffle and a convenient wall-mounted switch to let homeowners adjust room light levels simply and easily. It's the perfect accessory for bedrooms, nurseries, and rooms with entertainment centers.



Component	Primary System	Primary with Secondary System
LED	3000K	3000K
CRI	80	80
Lumens/Watt	35*	35*
Input Voltage	100-240V	100-240V
Frequency	50-60Hz	50-60Hz
Max Current	0.27 A	0.55 A
Output Voltage	26 VDC	26 VDC
Max Wattage	17 W	32 W
IC Rated	Yes	Yes
UL Listed	Yes	Yes

*Average. Varies by decorative fixture.

These specifications are provided "as is" with no warranties and are subject to change without notice.

www.solatube.com.au

Phone 13 16 19

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Solatube Australia, Pty Ltd

Unit 21 1029 Manly Road Tingalpa DC QLD 4173

