



# EWINDOW

*Feels like Sunshine*

# Who we are?



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## ■ E-LITE AUSTRALASIA PTY LTD

**E-LITE AUSTRALASIA** was launched in 2010 and specializes in LED lighting. We have a customer base of around 6500 homes and businesses in South Australia and New South Wales. E-lite supplies products to the end-user through its network of more than 50 electrical contractors. We are Accredited Certificate Provider (ACP) for NSW Energy Saving Scheme (ESS – NSW government initiative) and work with a third party contractor for Retailer Energy Efficiency Scheme (REES – SA government initiative) and have done about 400 installations under these government schemes in South Australia and New South Wales.

# Why develop EWINDOW

Daylight is the most important lighting source to us. Many studies have shown that daylight has great impact on our health, both on physiology and psychology. But it varies significantly with time, seasons, latitude, climate and architectural structure.

Hence, the first artificial daylight system-EWINDOW was developed. It reproduces daylight, brings sunshine to us whenever we want and won't be restricted by any environmental factors.





## ■How EWINDOW works

EWINDOW is a brand new lighting product, follows the feature of daylight, presents us a very natural scene of blue sky, clear clouds and bright sunshine. It perfectly integrates the latest LED technology, optical design and intelligent control system. It is designed to be a panel light, easy to operate and mount.

## ■Imitating 3D sky

The special LEDs are used to light up the sky and clouds, then transform them to translucence and 3D vision appearance, so it displays to us a very high quality sky.



## ■Bright sunshine

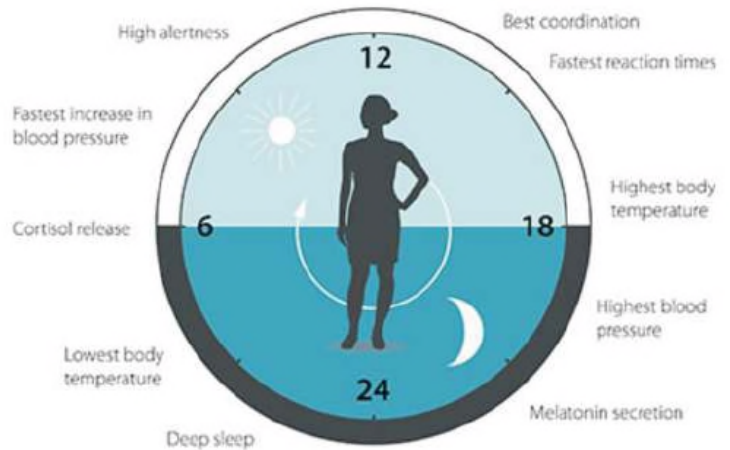
Dozens of lenses groups and micro structures are used to collimate the light and filter the stray light, after several optical transformation procedure. The light comes out and acts like sunshine dose, very bright and highly oriented. The light and shade are clearly distinguished by the edge of lighting spot.

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## ■ Natural clock

After simple setting of local date, time and latitude, the control system can synchronize the lighting ambient to the sun in 24 hours. It corresponds with the natural cycle, and corresponds with our circadian rhythm. Also, a user prefer mode can be set too.



## ■ Control approach



### Controller

#### Automatic mode

Lighting ambient will synchronize to the sun in 24 hours.

#### Manual mode

Users can set the lighting features according to their requirements.

**A controller is able to control 64 EWINDOWS.**



### App Control

Custom the automatic mode

Set group to manage multiple EWINDOWS.



**Digital Addressable  
Lighting Interface**

### Dali Control

Support DALI protocol.

Compatible with main brands of DALI control system in the market.

Meet the standards of IEC62386-102 and IEC 62386-207

## ■ Features

EWINDOW is the first artificial daylight system. It mimics daylight shining into a room by a window.

- ❶ Natural view of high quality sky simulation.
- ❷ Natural light effect including skylight and sunshine.
- ❸ Dynamic light effect that synchronize to the real.

## ■ Specification

Items	Unit	Minimum	Typical	Maximum
Dimensions	mm		1170*570*62	
Weight	Kg		16	
Power	W	236 248 260		
Voltage	V	90 230 277		
Current	A	0.9 1.1		3
Mains frequency	Hz	47	50/60	63
Power Factor		0.93	0.95	0.98
Dimmable Range	%	1		100
3m Lux	Lux	4000 4500 5000		
Luminous Intensity	cd	108,000 120,000 132,000		
CCT	K	2500		10000
Ra		93	95	98
Control Approach			Controller/APP/DALI	
APP			IOS9.0/Android4.3orlater	
Operating Temperature	°C	-20	25	40
Life Time	H		50000	
Certification			CE/SAA/FCC	
IP			50	

### Notes

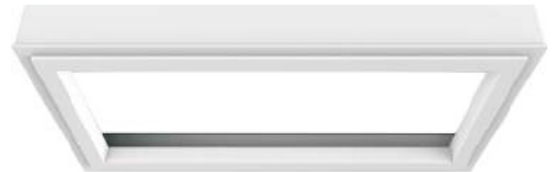
The value of Power, Current, Luminous Flux, and Intensity is the value under Auto Mode at 12:00.

## ■ Mounting

Mounting frame is needed to install EWINDOWS. There are four types of white frame we can provide. Also, customers can custom-made the mounting frames easily according to the specific requirements.

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### Recessed mounting frame Surface mounting frame



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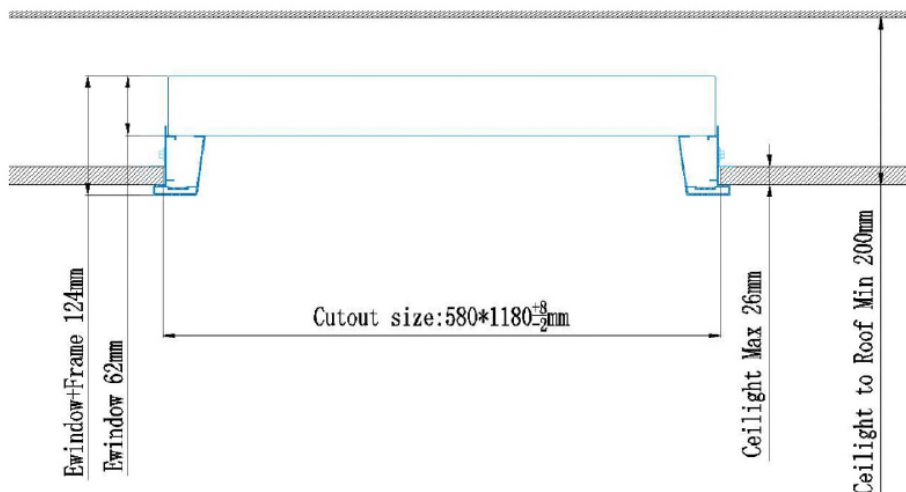
### Mounting pictures for reference



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### Recessed mounting sketch





# EWINDOW in application



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Daylight in commercial buildings provides a comfortable ambience and a unique lighting experience to people.



Daylight in office relaxes the tense of working atmosphere and improves working efficiency.





Daylight in hotel keeps a natural & friendly atmosphere and keeps people relaxed





Daylight in healthcare provides a natural scene to meet people's psychological requirement of building a connection of outside nature.



Daylight in school renders a natural atmosphere and help students stay focus.





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Daylight in underground area helps people decrease the feeling of closed-in, and helps to influence our biological clock to a natural cycle.



Daylight at home creates a comfortable and happy surrounding for your family.

## CONTACT US

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### E-LITE AUSTRALASIA PTY LTD



4/11 ANGUS AVENUE EDWARDSTOWN  
SA 5039



+61 8 7073 6065



[anil@e-lite.com.au](mailto:anil@e-lite.com.au)



<http://www.e-lite.com.au>