



FAUX-SUN

feel the sun...





Create Daylight Environment

Anytime...Anywhere...

NATURAL LIGHTING WILL ALLOW YOU TO



1 SEE BETTER

Sight
Visual comfort
Visual task
Performance

2 FUNCTION BETTER

Alertness
Cognitive performance
Sleep/wake cycle



3 FEEL BETTER

Mood
Energize
Relaxation



3D SKY

BRIGHT SUNSHINE

Having the sunshine greet us each morning is now possible.
— the sun's life-nurturing rays is known to have a significant impact on our health and mood.

SMART SYSTEM

SIMULATE SUNLIGHT CYCLE

This smart system can synchronize lighting ambient to sunlight in 24hrs.



Night



Sunrise



Morning



Noon



Afternoon



Sunset

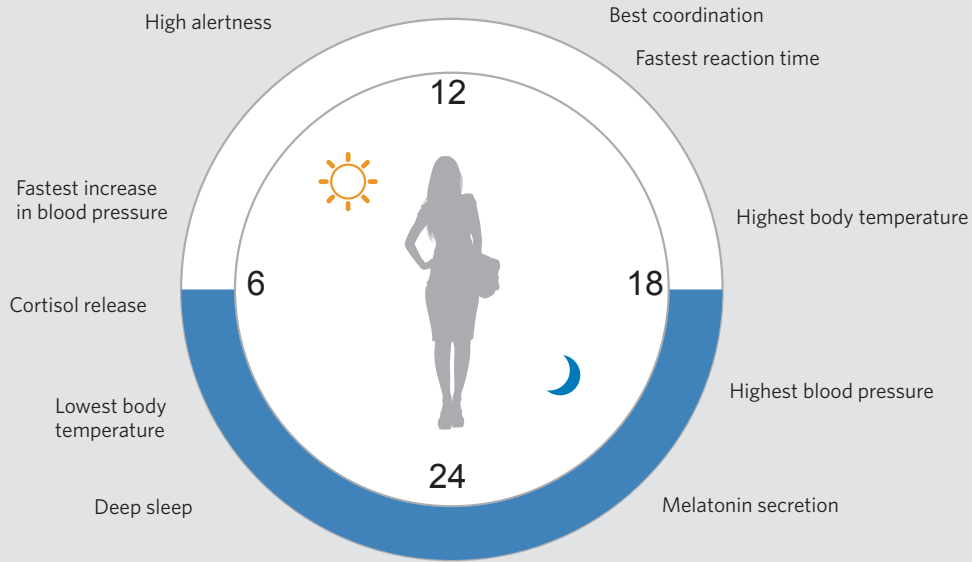


Night

BENEFITS

Light is the most important timer for our internal clock.

FAUX-SUN provides dynamic natural light according to daylight cycle that enhances our well being



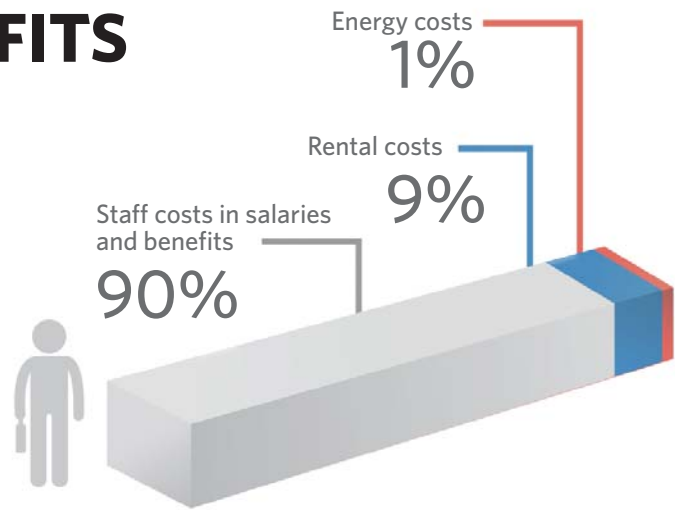
EML — CIRCADIAN LIGHTING MEASUREMENT

EML (Equivalent Melanopic Lux) is a standard of International Well Building Institute.
 It measures the biological effects of light on humans. At least 250 EML is needed.
 More EML has better effect to our circadian rhythm.

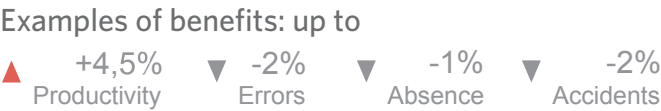
CCT(K)	5700	5300	5000	4500	4000	3500	3000	2700
EML	4789.78	4587.48	4340.47	3920.49	3461.00	2832.55	2272.25	1803.69

QUANTIFIED BENEFITS

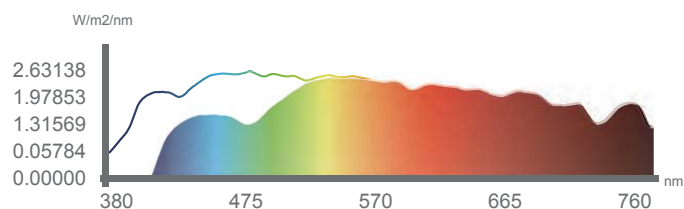
Human Centric Lighting improves the visual performance, body function, human well being.
 It increases productivity, decreases defects, increases actual economic benefit.



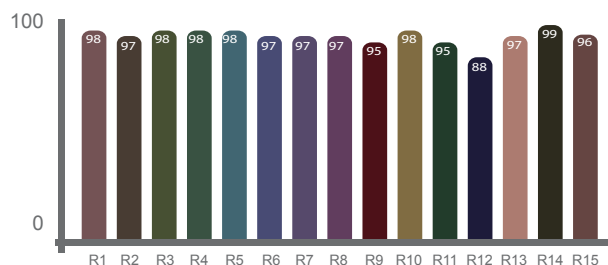
Source: Report Quantified Benefits of Human Centric Lighting by Lighting Europe & ZVEI, April 2015



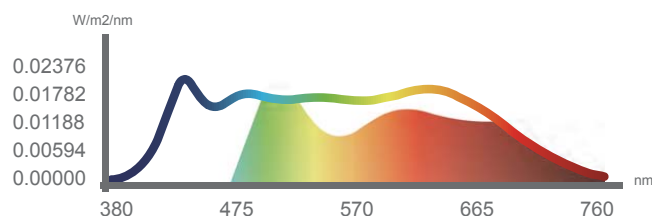
SUNLIGHT VISIBLE SPECTRUM — MOST ABUNDANT SPECTRUM



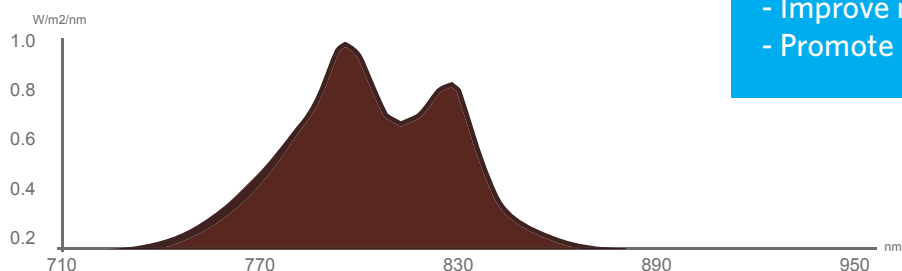
FAUX-SUN LED CRI



FAUX-SUN LED SPECTRUM — MOST CLOSEST TO SUNLIGHT

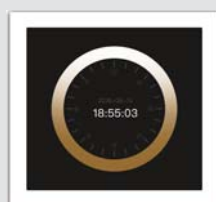


FAUX-SUN IR SPECTRUM (INFRARED RADIATION)



IR BENEFITS

- Enhance skin collagen
- Improve metabolism
- Promote blood circulation



CONTROL PANEL

Automatic Mode
Manual Mode
One panel control 64 FAUX-SUN



APP

Bluetooth protocol
Rename devices
Synchronize time and location



Digital Addressable
Lighting Interface

DALI

Support DALI 1 DT6/DT8



FAUX-SUN 60/60

New Features:

- Sunlight visible spectrum, IR.
- Optimize optical experience
- Upgrade touch panel
- Improve surface treatment

SPECIFICATIONS

FAUX-SUN 60/60	UNIT	MINIMUM	TYPICAL	MAXIMUM
Dimension	mm		570*570*73	
Weight	Kg		7.7	
Power	W	105	112	119
Voltage	V	90	230	277
Current	A	0.45	0.53	1.37
Power Factor		0.93	0.95	0.98
Dimmable Range	%	1		100
3m Lux	Lux	2500	3000	3500
Luminous Intensity	cd	37,600	41,800	45,900
CCT	K	2500		10000
Ra		93	95	98
IR	nm	800		840
Control Approach			Controller/APP/DALI	
APP			IOS9.0/Android 4.3 or later	
Operating Temperature	°C	-20	25	40
Life Time	H		50000	
Certification			CE/UL/CCC (plan)	
IP			50	

The value of Power, Current, Luminous Flux, and Intensity is the value under Auto Model at 12:00
Optional: Controller

CLOUDY SKY



BLUE SKY



FAUX-SUN 120/60

New Features:

- Sunlight visible spectrum, IR.
- Optimize optical experience
- Upgrade touch panel
- Improve surface treatment

SPECIFICATIONS

FAUX-SUN 120/60	UNIT	MINIMUM	TYPICAL	MAXIMUM
Dimension	mm	1170*570*73		
Weight	Kg	16		
Power	W	236	248	260
Voltage	V	90	230	277
Current	A	0.9	1.1	3
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
IR	nm	800		840
Control Approach		Controller/APP/DALI		
APP		IOS9.0/Android 4.3 or later		
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Life Time	H	50000		
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RECESSED MOUNTING FRAME

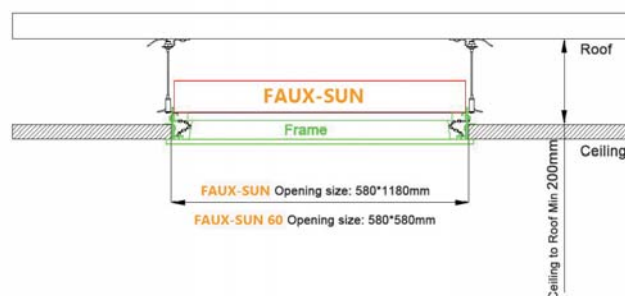


SURFACE MOUNTING FRAME



MOUNTING SYSTEM

Recessed Mount:



Flight case:



APPLICATIONS



Office

Daylight in office relaxes the tension of working environment and improves work efficiency

Hotel/Spa

Daylight in hotel/spa brings a natural & friendly environment and keep people feeling relaxed



Healthcare

Daylight in healthcare provides natural lighting to meet people's physiology and psychological needs.

Education

Daylight in school renders an natural environment that help students to stay focus.





Commercial

Daylight in commercial application provides a unique lighting experience that will attract people to come in and remain in the comfortable ambient for longer time

Authorized Distributor: