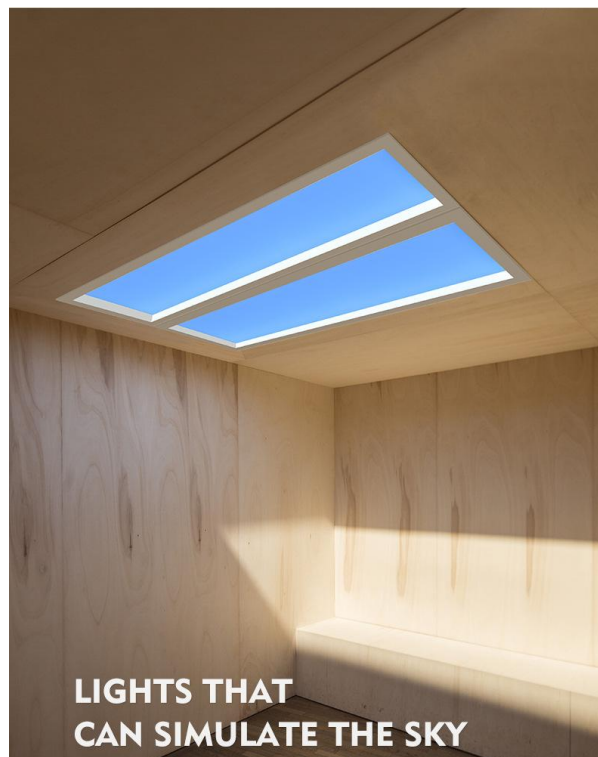


Production Description

Lumin artificial skylight blue-shadow series adopt the latest rayleigh scattering lighting technologies to simulate sunlight from LEDs of sunlight spectrum at daylight lighting scenes, bringing people a real daylight experience and help people relax in the busy life. It features in natural LEDs, real sunshine shadow, Sunshine Spectrum of Ra 95, and smart system of rythem lighting from morning to night.

Application Scenes

1. Due to the particularity of the environment, it is easy to cause people to have anxiety or irritability, etc. The blue sky is needed to relieve pressure around the environment. Example: hospital, office.
2. People with high pressure in life can be relaxed and happy after returning home by installing blue sky lights in the living space. Example: shower room, reading room.
3. Installing blue sky lights to the environment with poor indoor lighting can reduce the sense of oppression in the space Example: a residence with high residential density.
4. Installing blue sky lights to the underground space without windows can increase the spaciousness of the space
5. Areas with short sun exposure time or groups who have a special preference for special sun exposure.



Specification Data

Model	BSF3060	BSF6060	BSF30120	BSF60120	BSF14115
Power	50W	70W	100W	100W	100W
CRI	Ra 95				
CCT	2000K-8000K				
Beam angle	Asymatic 45°				
Luminous	2000LM	3000LM	4000LM	5000LM	4000LM
Control	DALI DT8/ Zigbee / Casambi/ Tuya / Wifi / BlueTooth / RF Remote / wall mount control panel				
Input Voltage	100-240V AC				
IP Rating	IP40				
Dimesion	300*600*150MM	600*600*235MM	300*1200*150MM	600*1200*235MM	140*1150*112MM
Cutout/ Recessed	285*585MM	585*585MM	285*1185MM	585*1185MM	125*1135MM
Cutout/ Embeded	305*605MM	605*605MM	305*1205MM	605*1205MM	145*1155MM
Material	Iron + Aluminium+ PMMA				
Finish	White frame+ black body				
Mounting location	45-60cm away from the wall				
Warranty	30000H				

Design Highlights

Rayleigh Scattering Theory Application

- The blue color of the sky is caused by the scattering of sun light off the molecules of the atmosphere.
- The fixture makes good use of the theory of rayleigh scattering through design.
- Simulating pure blue sky
- Simulating shadow and light

Structure & Material

- 0.7mm thick metal body,coating with black finish,anti-corrosion
- Solid aluminum frame ensure safety of the whole fixture
- Ingenious heatsink design keep LEDs long lifetime
- Safety cable is equipped

LED & Optical

- Osram LEDs improve luminous efficacy & low optical decay
- LEDs 2000K warm white to 9000K cool white
- Nano high transmittance PMMA light guide plate
- A kind of reflector to make light beam asymmetric 45°

Electrics & Control

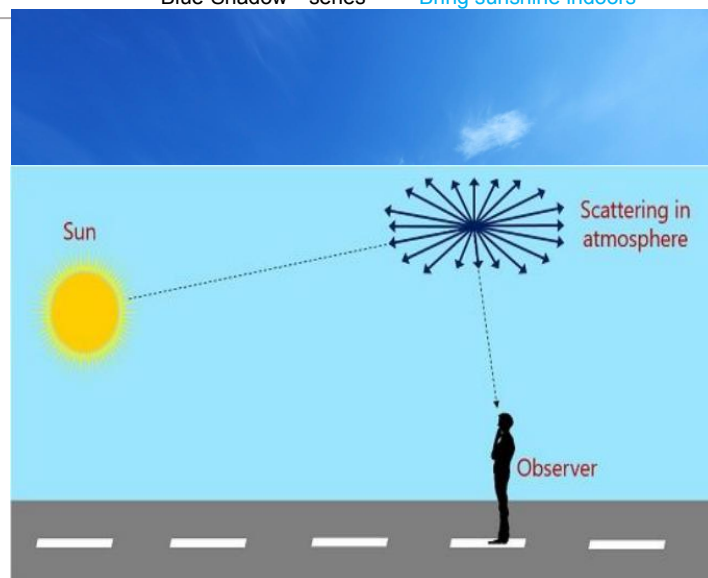
- Support DALI DT8 LED driver, realize light color changing
- Tuya Wifi and App control in the mobile available
- BlueTooth Mesh wireless support
- 2.4G and RF handed remote control
- Easy to operate

Environmentally friendly

- No glare, mercury, ultraviolet, infrared or other hazardous substances
- Working Temperature: -25°C to 55°C
- Working Temperature: -25°C to 55°C

Customization

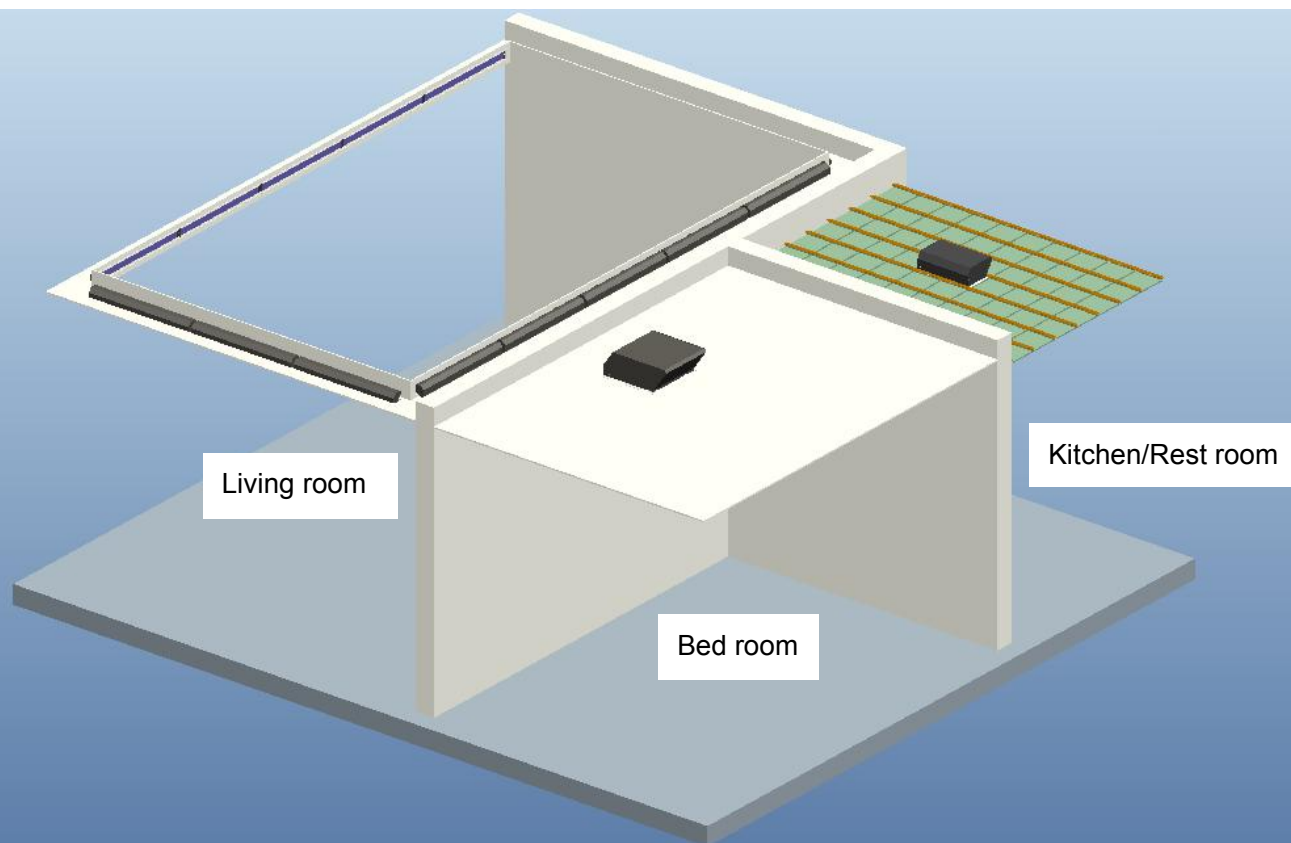
- Various size can be customized
- Function customization



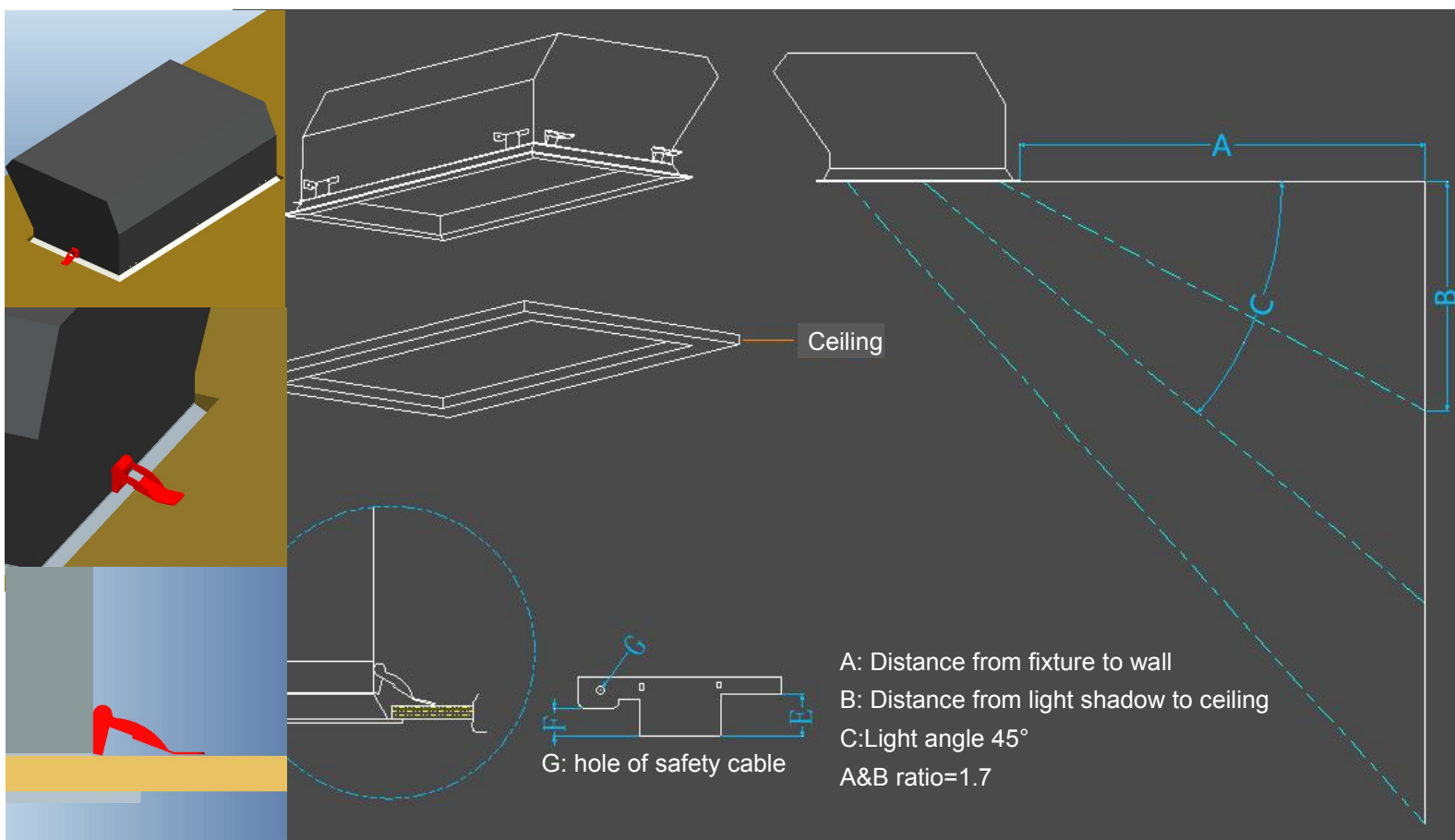
Rayleigh scattering from air molecules



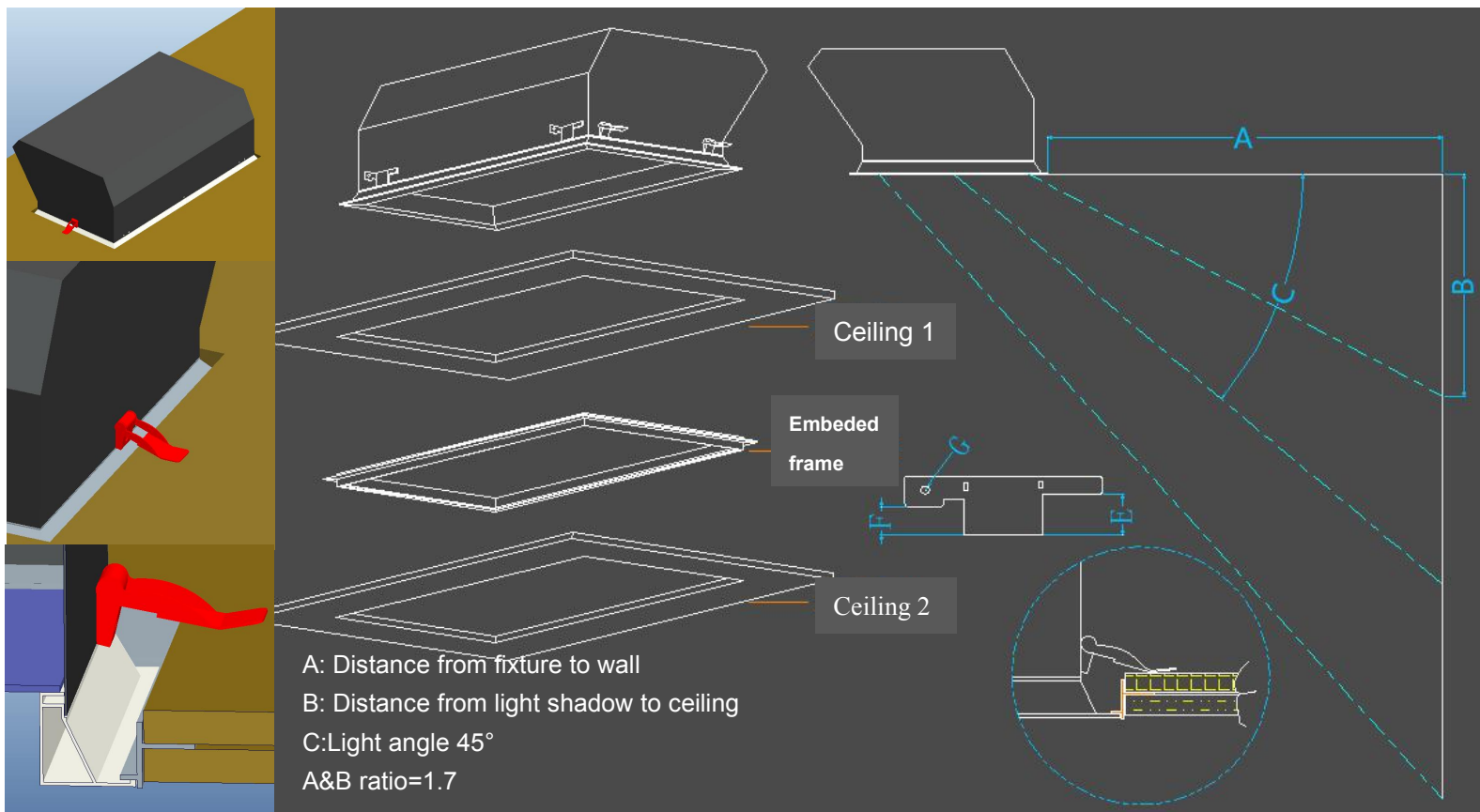
Installation Guide



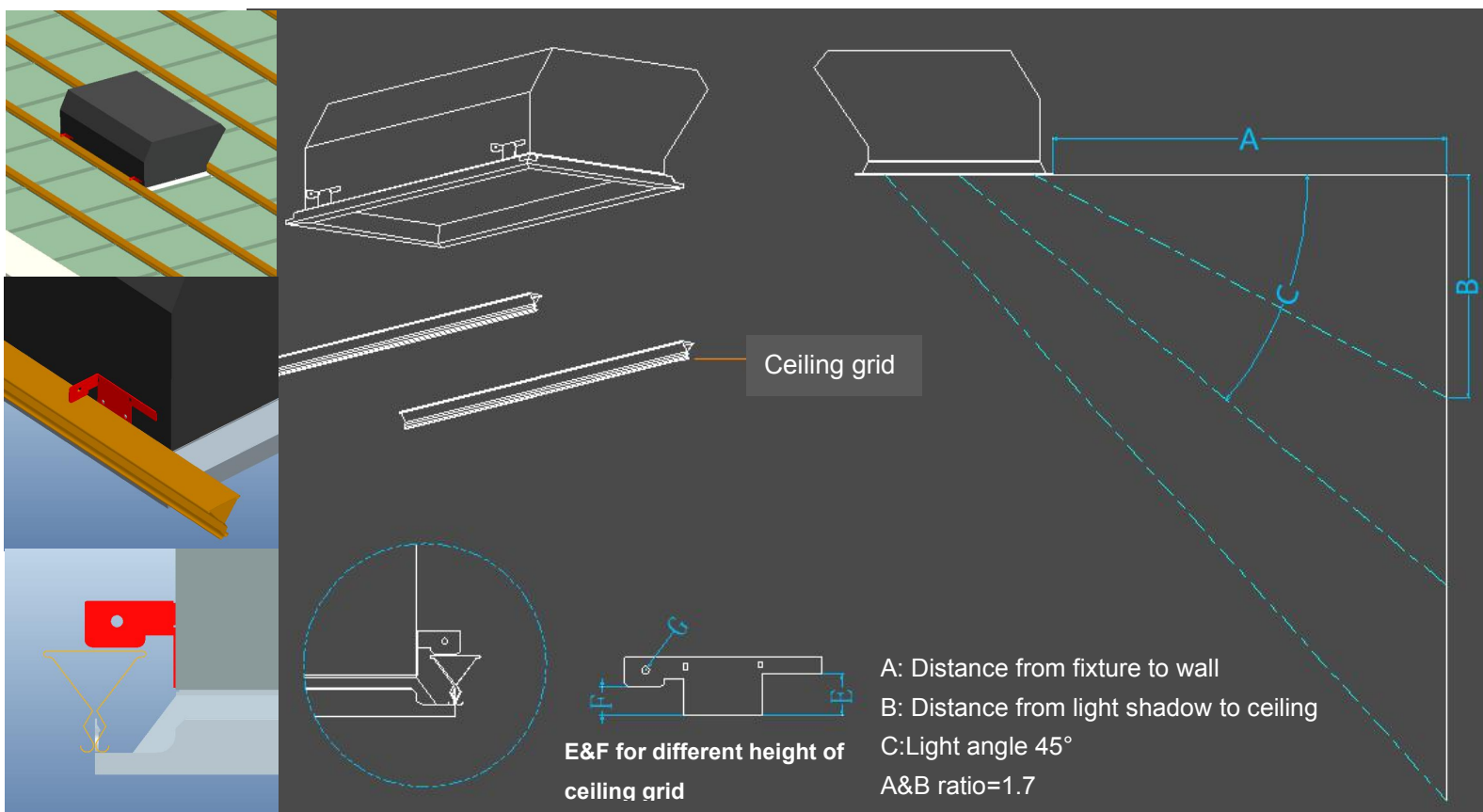
1. Recessed Installation



2. Embeded Frame Installation



3. Inserted-in Installation



Do's & Don't's

1. It's only used indoors.
2. Check if fixtures are in good condition before using.
3. Keep packing material away from children, and prevent children from playing.
4. Keep necessary accessories away from swallowing by Children.
5. Do not stare at light source directly for a long time.
6. Please don't cover anything on the fixture.
7. Do not disassemble or repair fixtures by unlicensed people. Otherwise, Lumin has the right to refuse replacement or maintenance.
8. Must switch off electricity before cleaning. Do clean fixtures with dry soft cloth, free from chemical or corrosive matters.

Installation Instructions

1. Fixtures must be operated by a licensed electrician.
 2. Check if fixtures are solid and in good condition once packaging is open.
 3. Do not let fixture fall down from ceiling system or clash to hard stuff.
 4. Make sure that the cable of fixture is long enough to connect. Do not knot or pull the cable strongly while wiring.
 5. Do connect input end of fixture to output end of LED driver.
 6. Wiring must be firm and tight with insulation protection well. Be aware of electricity shock.
 7. Keep fixture and LED driver away from water or liquid, free from electric leakage and electricity shock.
 8. Must use LED driver approved by Lumin, otherwise, fixtures may not work normally, and may be damaged, may cause unexpected incidents.
- Lumin will not bear any responsibilities due to such deeds.

Trouble Shooting

Problem	Possible Cause	Solutions
Can not light up	Wrong or loose wiring connection	Double check wiring methods, and connect in the right way. Do cut off electricity before wiring
	Using wrong LED driver	Replace it with adaptive LED driver
	LEDs damaged or LED driver damaged	Repair or replace it with new light source or LED driver
Blinking light	Fixtures do not match LED driver, or LED driver fails	Repair or replace it with new driver.

Maintenance Tips

- * Three year limited warranty is provided for fixtures ordered.
 - * The key components will be provided if there is a problem arising from manufacturing craftsmanship.
 - * The claimant should describe problem clearly and provide necessary proof such as photo, video, and words.
 - * The following situations are not warranted: (1) Damage due to mishandling or abuse of the fixture. (2) Not using a voltage regulated power supply to connect the fixture. (3) Connecting LEDs to the wrong Output Voltage. (4) Improper connection of power supplies LED products or controls. (5) Connection of fixtures or controls directly to any A/C power source. (6) Connecting Power Supplies backwards to an A/C power source. (7) Using products in an extremely hot environment. (8) Water damage to non-waterproof fixtures. (9) Electrical power surges. (10) Damage from Lighting or Electrical Storms (11) Acts of God. (12) Products or electronic components that have been modified by the user. (13) Products used for purposes other than intended and directed. (14) Products damaged by connection to LED systems or components not purchased from Lumin Lighting.
 - * Please notice us formally by emails or letters if there is an abnormal performance or you want to repair it.
 - * The brochure is only used for the purpose of reference.
- Lumin Lighting reserve the right to interpret the documents.