

Introduction

Lumin ultra-thin artificial skylight H50 series adopt the latest rayleigh scattering lighting technologies to simulate sunlight change from day to night, achieving the goal of human-centric lighting.

Features

- * Ultrathin 50mm design, it can be used in different applications.
- * Mix tunable white along the frame and optical blue sky in the middle of the lighting fixture.
- * Both circle and square design are available.

Benefits

It's easy to package and transport with less freight cost.

Health lighting, general lighting, and decoration lighting

Applications

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



Model	TS3060	TS6060	TS30120	TS60120	TSD120 (Circle)
Power	60W	60W	120W	120W	120W
CRI	Ra >90				
CCT	2000K-10000K				
Beam angle	110 °				
Luminous flux	4800LM	4800LM	7600LM	7600LM	7600LM
Control	DALI DT8/ Zigbee / Casambi/ Tuya / Wifi / BlueTooth				
Input voltage	36V DC				
IP rating	IP40				
Dimesion	300*600*50MM	600*600*50MM	300*1200*50MM	600*1200*50MM	DIA1200*H50MM
Material	Aluminium+ Nano PMMA				
Finish	White finish				
Mount	Recessed, suspendingg				
Warranty	30000H				

Design Highlights

Rayleigh Scattering & general lighting

- The blue color of the sky is caused by the scattering of sunlight off the molecules of the atmosphere.
- The fixture makes good use of the theory of Rayleigh scattering through design.
- Simulating pure blue sky

Structure & Material

- 50mm high aluminium frame, super for heatsink
- White lighting along the frame and blue sky in the middle
- Flexible mount design
- Safety cable is equipped

LED & Optical

- Osram LEDs improve luminous efficacy & low optical decay
- LEDs 2000K warm white to 10000K cool white
- Nano high transmittance PMMA light guide plate

Electrics & Control

- Support DALI DT8 LED driver, realize light color changing
- Support Casambi system
- 2.4G and RF handed remote control
- Rhythm lighting regulated via APP

Environmentally friendly

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

- Various size
- Function custom-made



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 reserve the right to interpret the documents.