

Taking our transparent light panel technology to a next level!

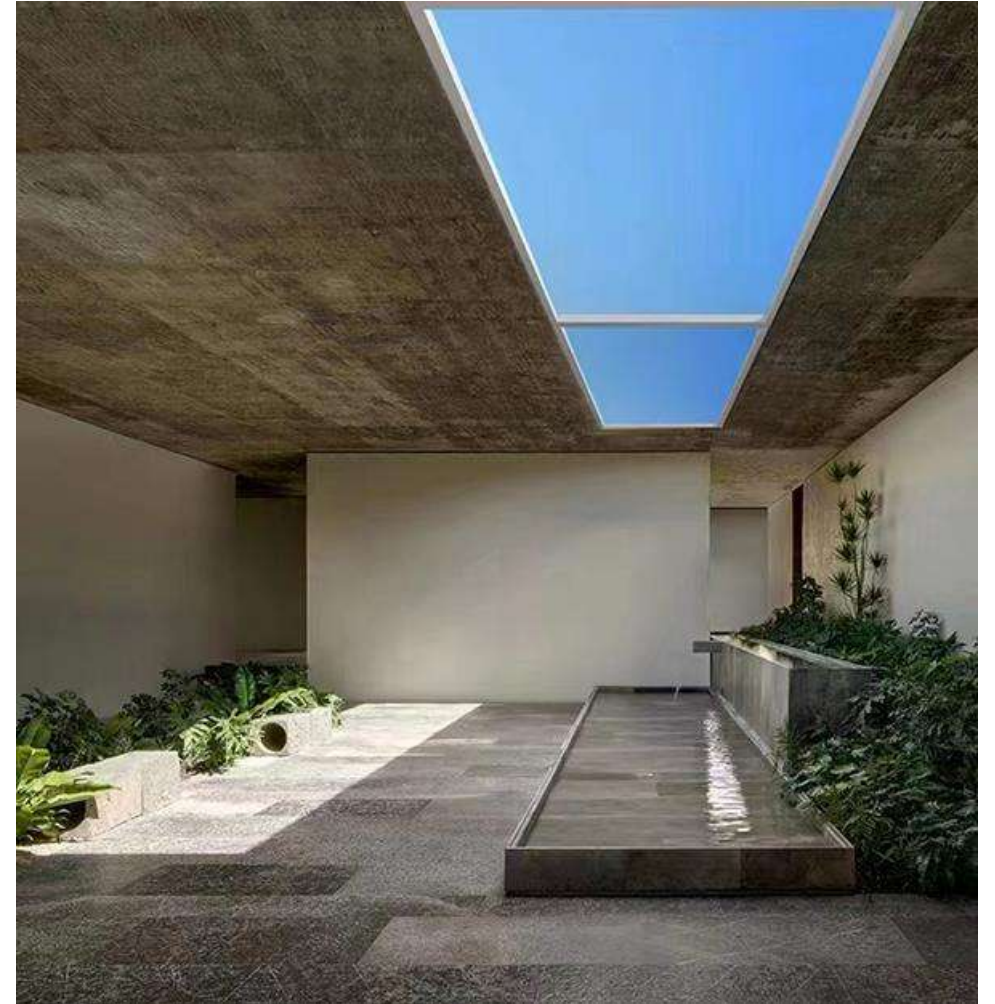
Turn on blue sky lights

Look up and see the blue sky after the rain

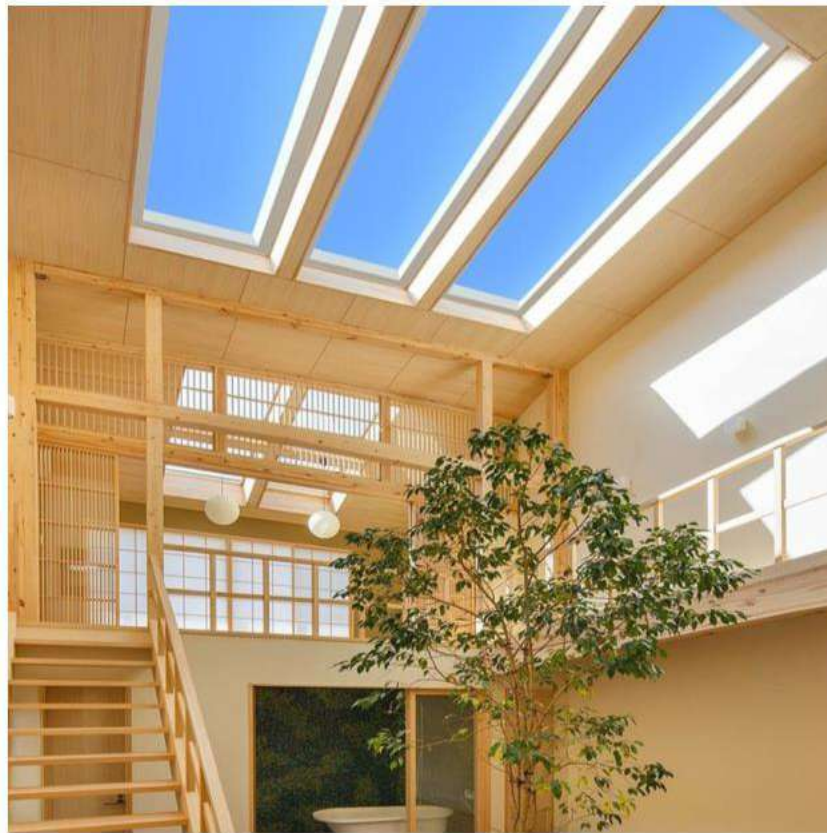
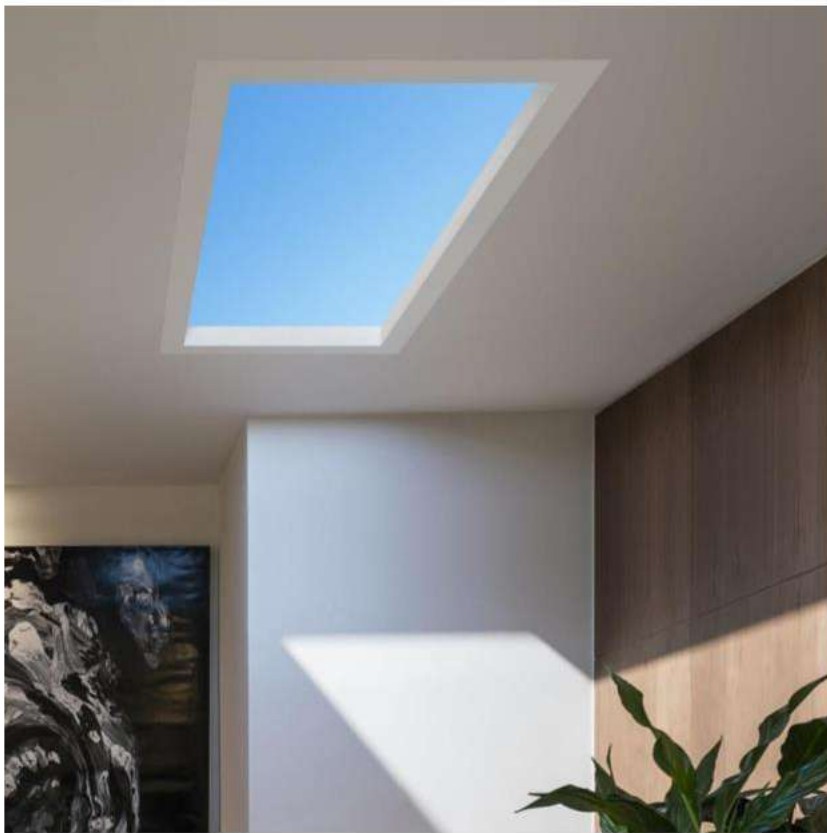
Look down, you can see the soft sunlight shining on the wall

As if standing under the blue sky and white clouds

Surrounded by sunlight..



Application



Sunny Blue Light



Brightness Series

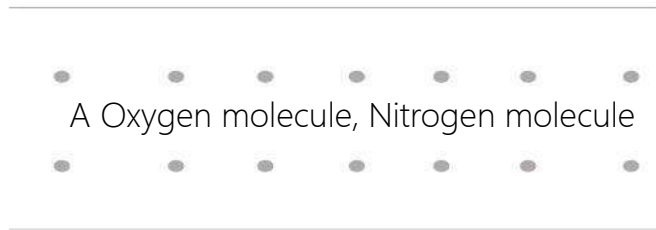
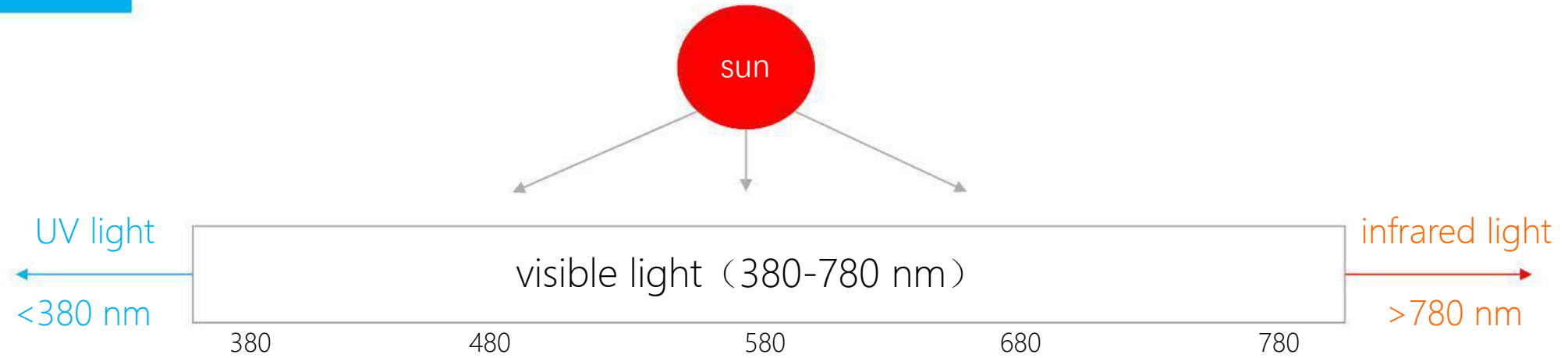


Improve exhibition comfort

Shines the exhibits

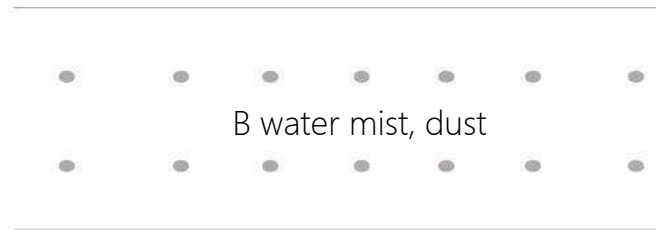
Art Gallery





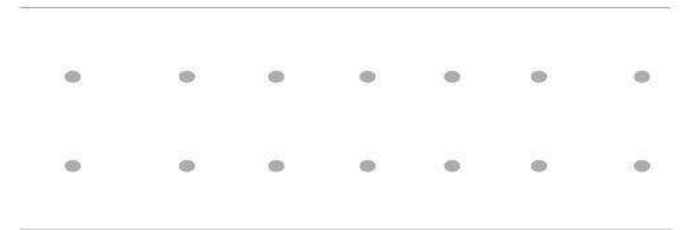
Blue of the sky

The diameter of particle A in the atmosphere is much smaller than the wavelength
Rayleigh scattering dominates
form a strong blue
Scattering at short wavelengths of violet
we can see the blue sky

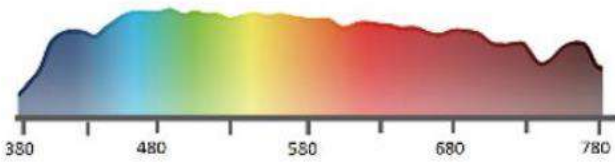


White of the cloud

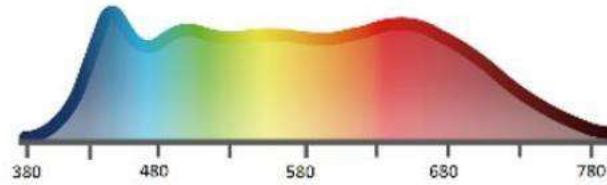
The diameter of particle B in the atmosphere is much larger than the wavelength
Mie scattering dominates
produce non-selective scattering
Visible light has the same scattering intensity in each wavelength band
We can see white clouds



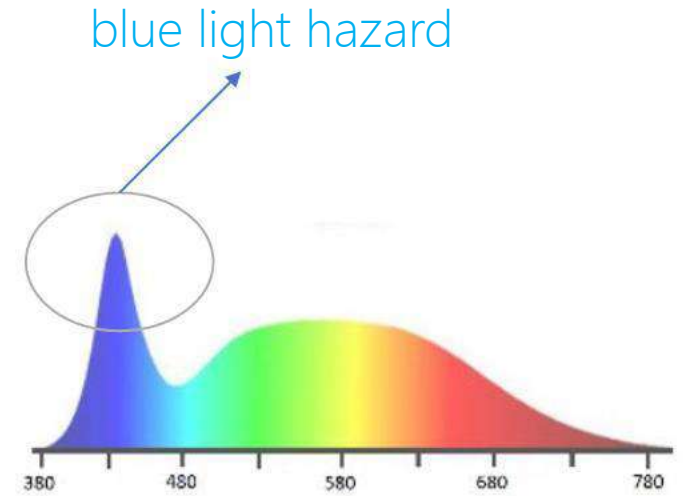
morning and evening hours
Sunlight entering the atmosphere obliquely travels longer distances in the atmosphere than during the day
Blue-based light attenuates before reaching the eye
The red light without attenuation reaches the eyes smoothly
So morning and evening the sky is red



sunlight spectrum



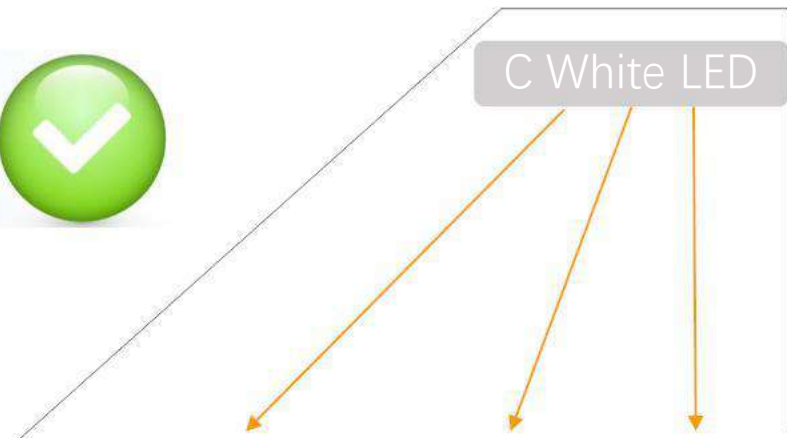
sky light spectrum



Common LED Spectrum

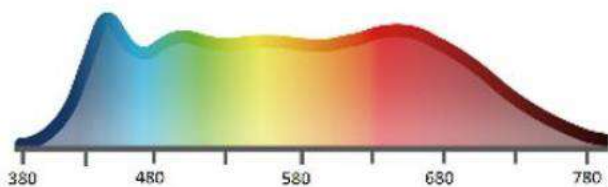
The blue sky light scatters the blue light to the maximum extent, reducing the damage to the eyes

Technical route

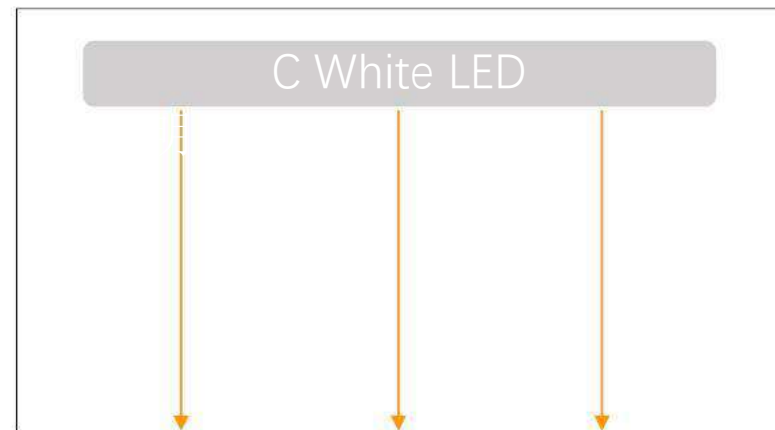


C White LED

- Type A nanoparticle — A •
- Type B nanoparticle — B •



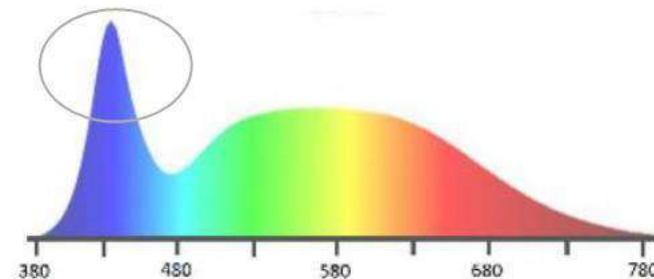
White light + Rayleigh effect material = sunlight + blue sky



C White LED

- traditional light guide plate
- traditional diffuser

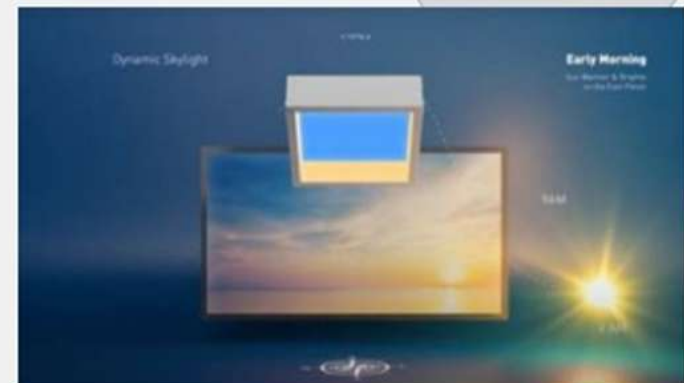
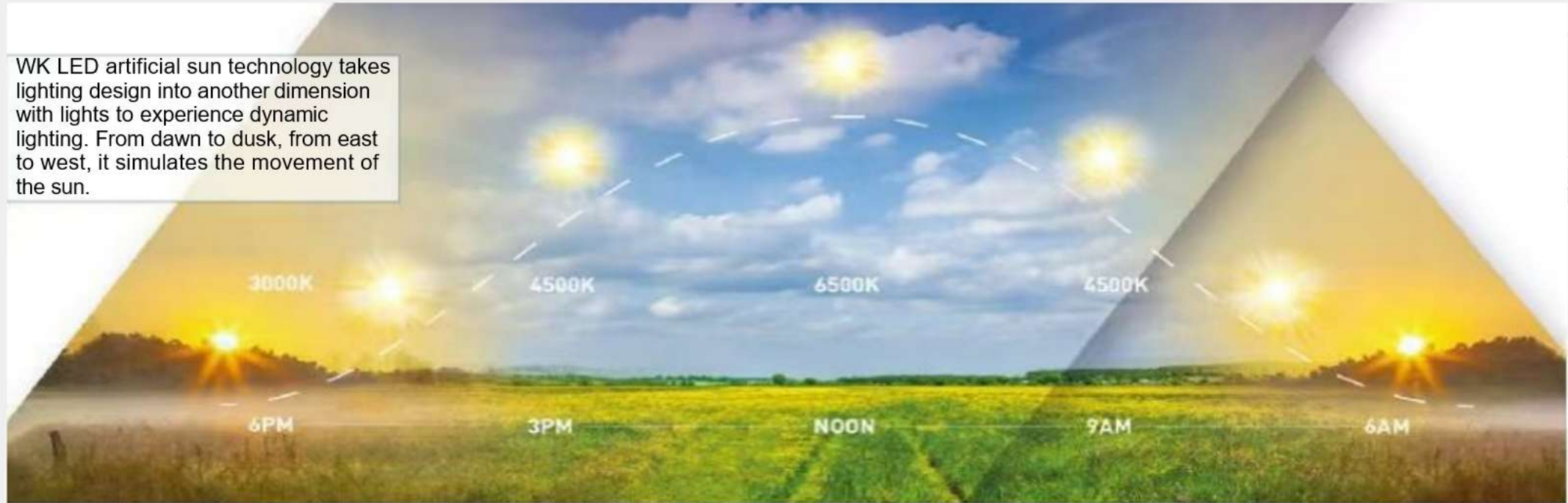
A BLUE LED



Blue LED+white LED+traditional materials=?

Dynamic Sun Technology

WK LED artificial sun technology takes lighting design into another dimension with lights to experience dynamic lighting. From dawn to dusk, from east to west, it simulates the movement of the sun.



The smart system adjusts the color temperature and brightness of the parallel light to synchronize the rhythm of the sun's movement in a specific time zone, restoring the effect from dawn to dusk for the comfort of our senses.

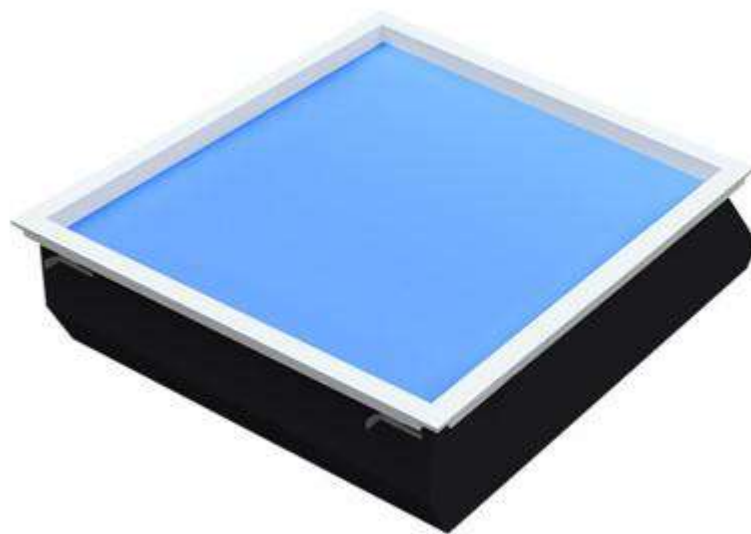


Installation method	Integrated ceiling / embedded / pre-embedded	Light source brand	Osram	Luminous flux	2500Lm
Product Size	L600*W300*H185 mm	CRI	>90	light exit angle	40°
Hole Size	L585*W285 mm (embedded) L605*W305 mm (pre-embedded)	Power	220V/42W	net weight	3.5KG
Color	White	Color temperature	Remote control (6500K) Tuya type (2700-6500K)	Package dimensions	650*390*220

WK-SL-300*1200

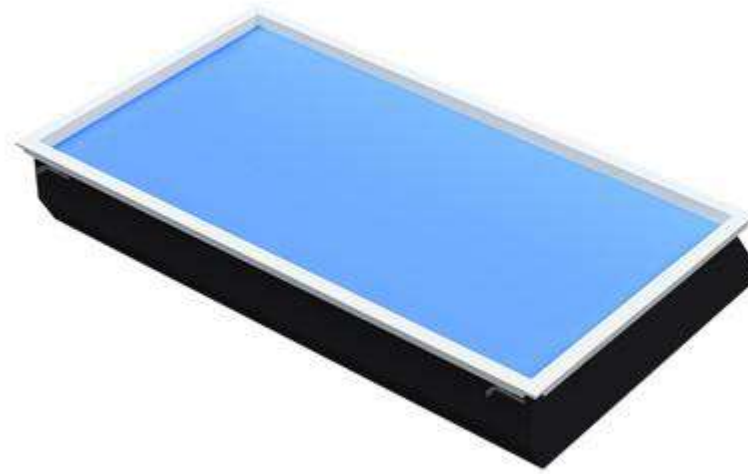


Installation method	Integrated ceiling / embedded / pre-embedded	Light source brand	Osram	Luminous flux	5000Lm
Product Size	L1200*W300*H185 mm	CRI	>90	light exit angle	40°
Hole Size	L1185*W285 mm (embedded) L1205*W305 mm (pre-embedded)	Power	220V/80W	net weight	5.5KG
Color	White	Color temperature	Remote control (6500K) Tuya type (2700-6500K)	Package dimensions	1250*390*220



Installation method	embedded / pre-embedded	Light source brand	Osram	Luminous flux	5000Lm
Product Size	L600*W600*H250 mm	CRI	>90	light exit angle	40°
Hole Size	L585*W585 mm (embedded)	Power	220V/80W	net weight	5.5KG
Color	White	Color temperature	Remote control (6500K) Tuya type (2700-6500K)	Package dimensions	650*690*280

WK-SL-600*1200

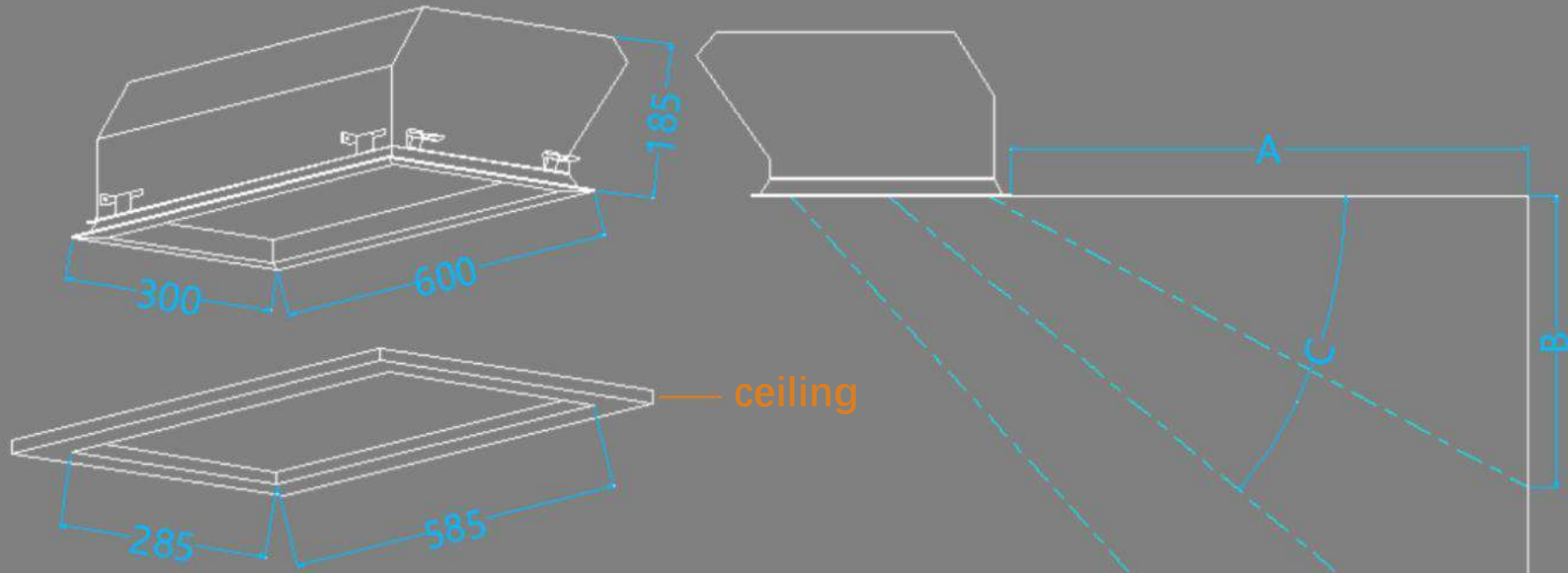


Installation method	embedded / pre-embedded	Light source brand	Osram	Luminous flux	10000Lm
Product Size	L1200*W600*H250 mm	CRI	>90	light exit angle	40°
Hole Size	L1185*W585 mm(embedded)	Power	220V/160W	net weight	9KG
Color	White	Color temperature	Remote control (6500K) Tuya type (2700-6500K)	Package dimensions	1250*690*280

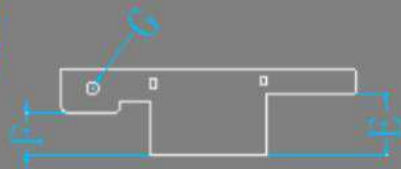
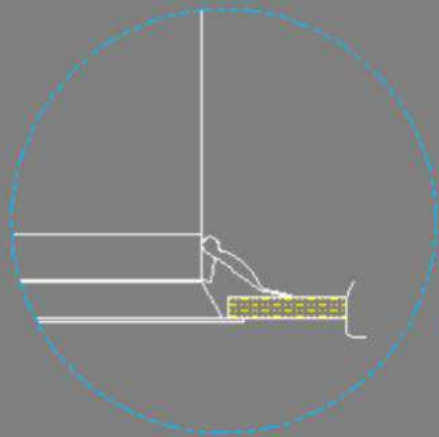
WK-SL-140*1150



Installation method	embedded / pre-embedded	Light source brand	Osram	Luminous flux	2500Lm
Product Size	L1150*W140*H112 mm	CRI	>90	light exit angle	48°
Hole Size	L1135*W125mm(embedded) L1155*W145mm (Pre-embedded)	Power	220V/48W	net weight	3KG
Color	White	Color temperature	Remote control (6500K) Tuya type (2700-6500K)	Package dimensions	1235*210*132MM

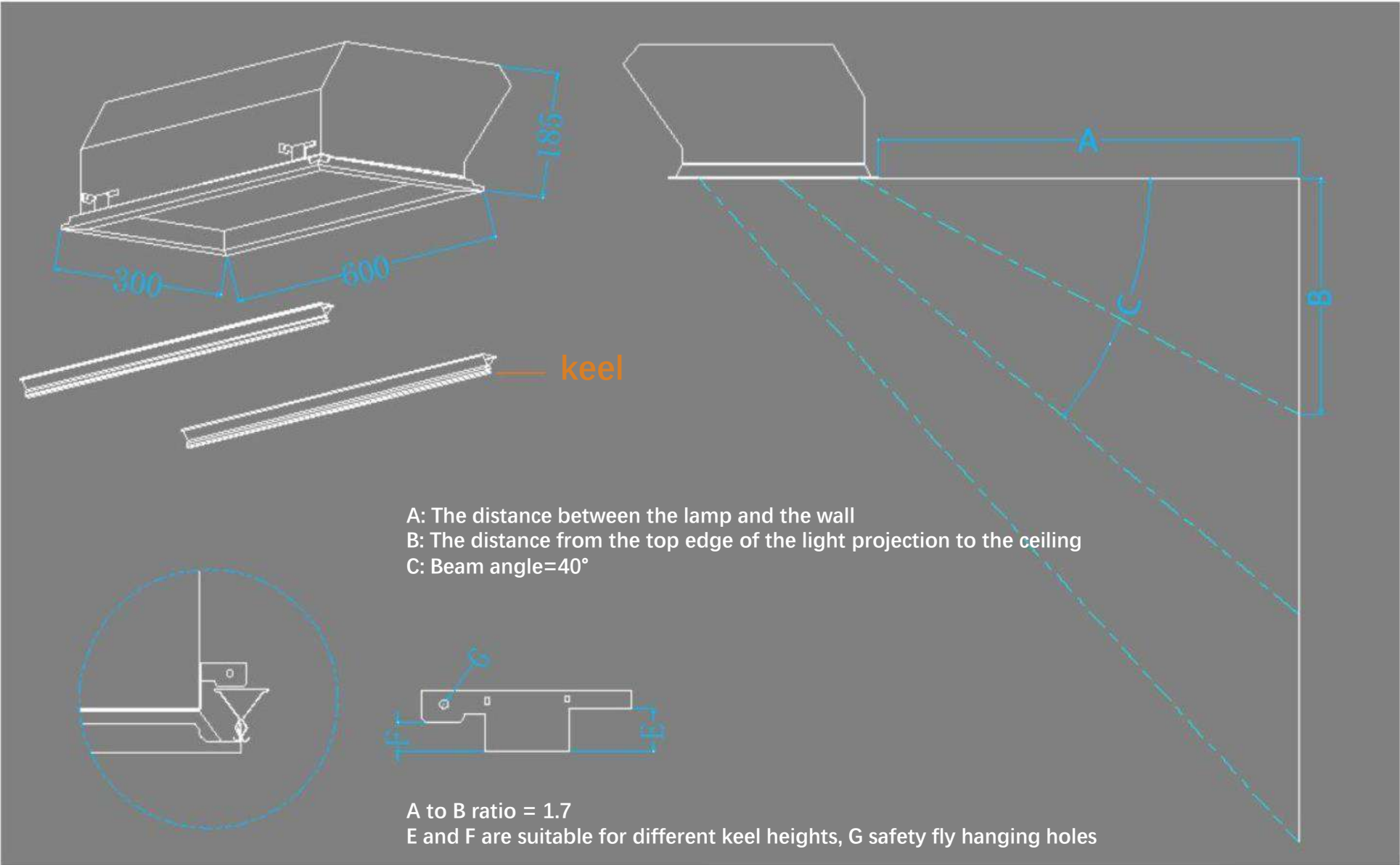


- A: The distance between the lamp and the wall
- B: The distance from the top edge of the light projection to the ceiling
- C: Beam angle=40°
- A to B ratio = 1.7

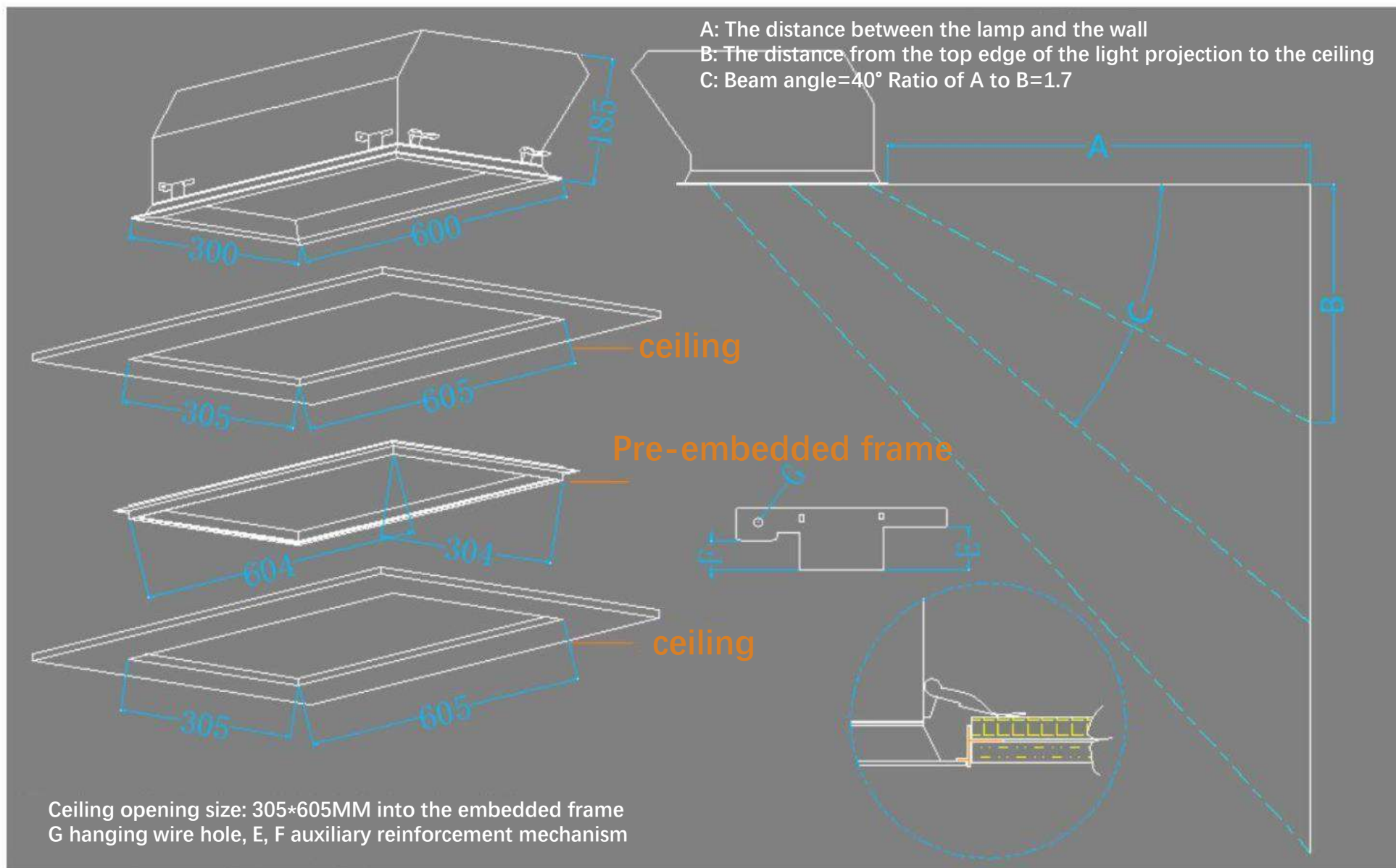


Ceiling opening size: 285*585MM
G hanging wire hole, E, F auxiliary reinforcement mechanism

300*600-Integrated ceiling



300*600-pre-embedded



Step 1. Input 220V/50Hz

Step 2. Connect the ground wire

Step 3. Download the APP according to the product model



Tuya---smart life APP



Mi---Mijia APP



Huawei---smart life APP

Step 4. Turn the lights on and off three times, and enter the distribution network state when the lights flash

Step 5. According to the different platform APP prompts, add devices to the distribution network

Highlight function - biological rhythm! Open the button in the APP, this product will automatically execute based on the season of the day: sunrise, noon, sunset, moonlight (customizable)