SMART 70W/90W/150W/160W/320W

SKYLIGHT CEILING PANEL LIGHT

A new generation of ultra-thin panels
anti-glare eye protection design

‣ Features

☑ New generation of ultra-thin panel, anti-glare eye protection design, no blue light, no stroboscopic

☑ A variety of control methods are available, language control/mobile APP control/remote control/switch control

☑ Color temperature, brightness can be adjusted

☑ Smart version function - changes color automatically throughout the day from sunrise to dusk

☑ Acrylic based nano scattering plate has better light transmittance anti-oxidation ability than the same

　products in the market.

☑ It is available in two versions: Classic(2.4G Remote control) provides bright illumination, but Smart Sky allows

　you to set up the Light to replicate the gradually changing colors of the day so the sensation of daylight can

　 be reproduced in settings where natural light is lacking.

☑ Skylight can also be widely applied in daily life. The smooth gentle light can present the viewer a better

　visual sense and provide the healthy lighting environment which gives user a peaceful space. Such as

　Reading room, Bedroom, and Living room, baby room, basements, non-windows attic etc.

☑ The lighting angle is 30 degree.Six sizes: 45x45cm,30x60cm, 60x60cm, 120x30cm, 45x90cm, 120x60cm.

‣ Product picture

MODEL: BB-MBD-XXXW

DATA SHEET

Power	90W	70W	150W	160W	160W	320W
Model	BB-MBD-90W-A	BB-MBD-70W-B	BB-MBD-150W-C	BB-MBD-160W-D	BB-MBD-160W-E	BB-MBD-320W-G
Dimension(mm)	450x450x80	600x300x80	600x600x80	900x450x80	1200x300x80	1200x600x80
Net weight	2.55kg	2.45kg	3.87kg	3.91kg	3.89kg	6.99kg
Luminous Flux	9000lm	7000lm	15000lm	16000lm	16000lm	32000lm
Beam Angle	30°					
Materials	Aluminum alloy+Acrylic					
Luminous Efficacy	100lm/w					
Operation Temp	-40 to +45°C					
CCT	2700K-6500K					
CRI	90+					
Life Span	50,000 hours at 25°C					
Voltage	100-277VAC/50-60Hz					
Driver	UL listed power supply					
Dimming	Dimmable					
Lamp Body Material	Stainless steel					
Color	White					
Cover	Acrylic					
Luminous Source	SMD LED					
IP Rating	IP 66					
PF	>0.95					
Installation	Integrated ceiling , pre-embedded , embedded					
Warranty	3 Years					

▸ Order information

Model:BB-MBD-XXXW

A	B	C	D	E	F	G	H	I	J
Rated power	Input voltage	Control mode	Dimming	CCT	CRI	LED CHIP	Beam Angle	Color	Specification
90W 70W 150W 160W 320W	Blank- 100-277VAC	language mobile APP R emote switch	Blank- Dimmable	Blank- 2700K- 6500K	Blank- Ra90+	Blank- 3030 SMD	30°	Blank- White	45x45cm 60x30cm 60x60cm 90x45cm 120x30cm 120x60cm

▸ Sdy light parameter display

Size marking:L*W*H

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Sky Light/Recessed (open mounting)	Size: 475*475*80mm Opening: 462*462mm	90W	Smart dimming
Sky Light/Integrated model (Carel type)	Size: 450*450*80mm		
Sky Light/Recessed (open mounting)	Size: 625*325*80mm Opening: 612*312mm	70W	Smart dimming
Sky Light/Integrated model (Carel type)	Size: 600*300*80mm		
Sky Light/Recessed (open mounting)	Size: 625*625*80mm Opening: 612*612mm	150W	Smart dimming
Sky Light/Integrated model (Carel type)	Size :600*600*80mm		
Sky Light/Integrated model (Carel type)	Size :450*900*80mm	160W	Smart dimming
Sky Light/Recessed (open mounting)	Size: 1225*325*80mm Opening: 1212*312mm	160W	Smart dimming
Sky Light/Integrated model (Carel type)	Size: 1200*300*80mm		
Sky Light/Recessed (open mounting)	Size: 1225*625*80mm Opening: 1212*612mm	320W	Smart dimming
Sky Light/Integrated model (Carel type)	Size: 1200*600*80mm		

▶ Surface Of Intensity Distribution
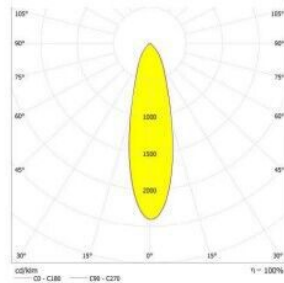
30°

▶ Application case

Skylight can also be widely applied in daily life. The smooth gentle light can present the viewer a better visual sense and provide the healthy lighting environment which gives user a peaceful space. Such as Reading room, Bedroom, and Living room, baby room, basements, non-windows attic etc.
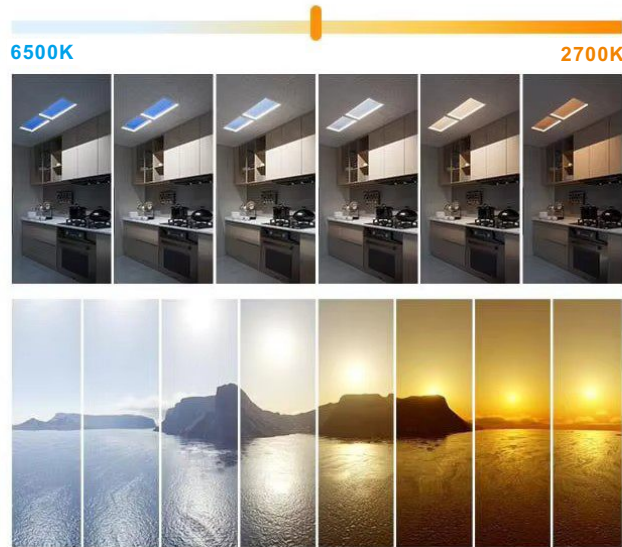

Healthcare

Hospitality and Recreation areas

Retail

Office Space

Residential

Public
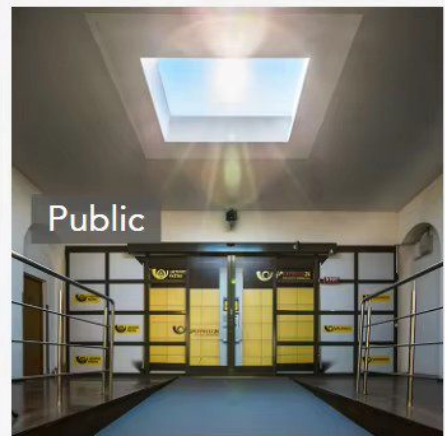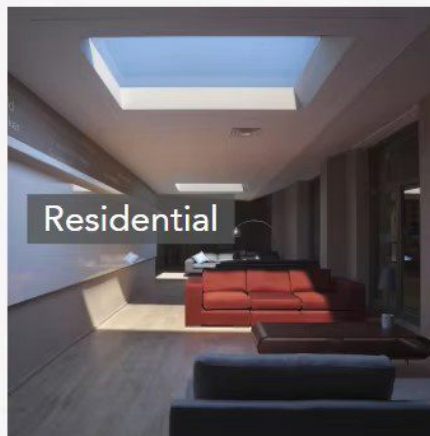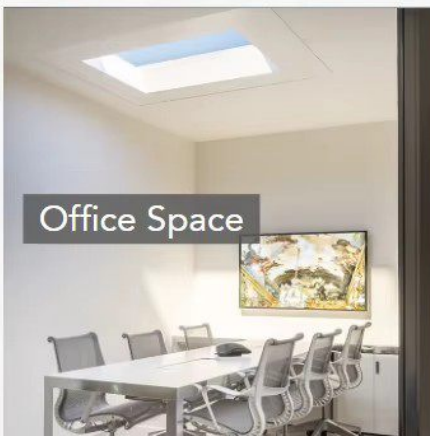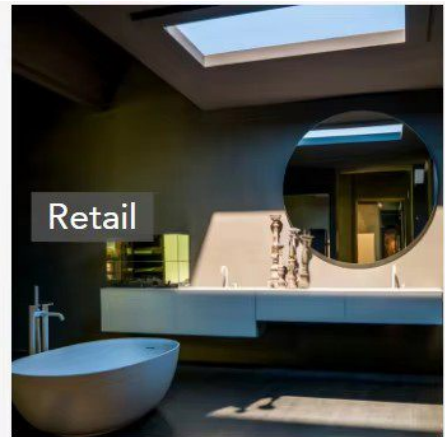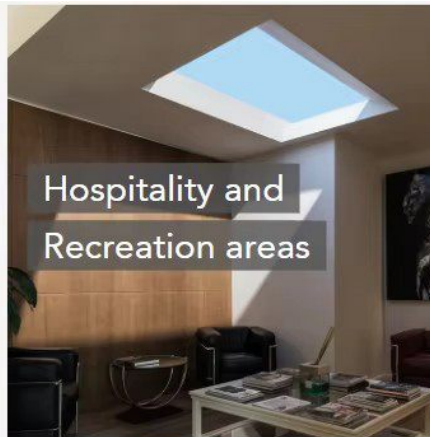
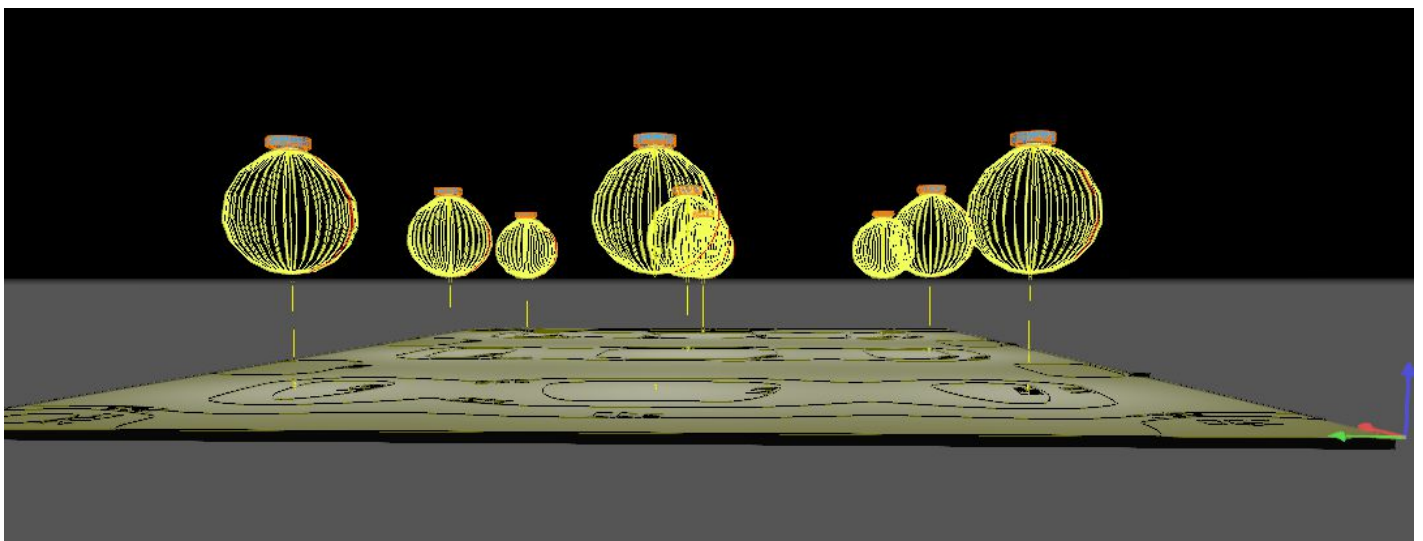▶ Skylight can replicate the color of the daytime automatically from 2700K-6500K when you set "circadian rhythm" on Tuya app.
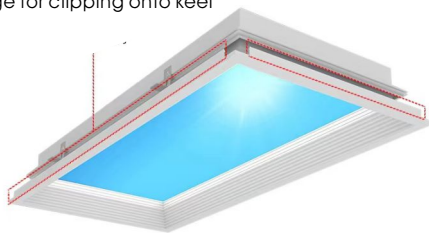

▶ Optics

Tech.Support:

Tell us the place/L,W and usage,we have an engineer team to respond the DIALUX for lights quantity and effects, IES fils are available upon request.
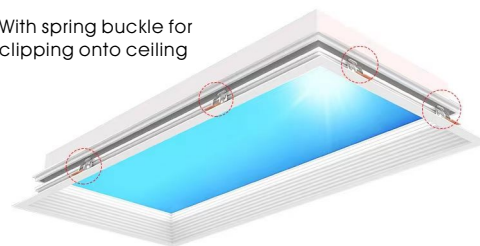
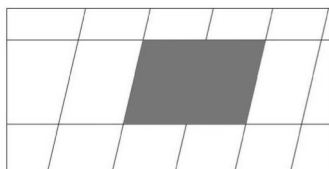# ▶ Installation diagram

With edge for clipping onto keel

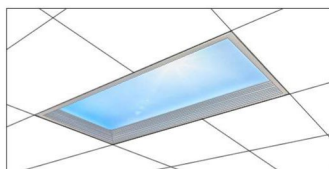With spring buckle for clipping onto ceiling

## 1.Card keel type

2.Opening type

Installation Instructions

1. Remove the aluminum gusset plate of the integrated chandelier,The heightof this lamp is 80mm,Please ensure that the reserved ceiling height is greaterthan 90mm.

2.Connect the power cord, the test lamp can turn on the light normally and remote control.Then the lamp is stuck into the triangular keel, and no other accessories are required after it is firm.
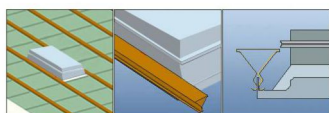
Installation Instructions
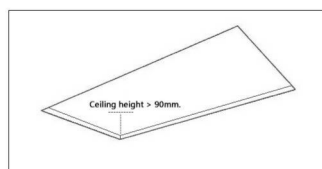
1. Cut a hole in the ceiling according to the size specified in the table below. The lamp body is 80mm in height, and an additional 90mm space should be reserved above the suspended ceiling.

2. Connect the power cord and test the lamp to see if it can light up properly and if the remote control can control it. Then embed the lamp into the cut hole, secure it firmly, and no additional accessories are needed.

Ceiling height > 90mm.

Lamp dimensions: 475*475mm; Cutout size: 462*462mm;
Lamp dimensions: 625*625mm; Cutout size: 612*612mm;
Lamp dimensions: 625*325mm; Cutout size: 612*312mm;
Lamp dimensions: 1225*325mm; Cutout size: 1212*312mm;
Lamp dimensions: 1225*625mm; Cutout size: 1212*612mm.

The luminaires are intended for indoor use

All the operations must be in the condition of power off

▶ Package

AREA LIGHT FIXTURE

☐150W ☐200W

MADE IN CHINA

Item	Packaging	Carton Size(cm)	G.W
45x45cm	1pc/CTN	53*53*11	2.8kg
60x30cm	1pc/CTN	68*38*11	2.7kg
60x60cm	1pc/CTN	68*68*11	4.2kg
90x45cm	1pc/CTN	980*53*11	4.3kg
120x30cm	1pc/CTN	128*38*11	4.5kg
120x60cm	1pc/CTN	128*68*11	7.2kg