

Cleanroom Panel Light



Dust-free factory



Laboratory



Hospital



Pharmaceutical factory

Features

- IP65 Rated
- Fully welded construction
- Concealed front fixings
- LED energy saving technology
- Anti-bacterial coating
- High efficiency control
- Tempered glass diffuser
- Fraunhofer IPA Certificate for clean-room compatibility in clean-rooms in ISO Cleanliness Classes 1 to 9

Diffuser options



PC
(IK 03)



Antibacterial PC
(IK 03)



Tempered glass
(IK 08)

Performance Data

Efficacy(lm/w)	125
Warranty	5 Years (50000Hrs)
Dimming	0-10V Dimming; DALI
Leds Type	2835
Environment	Indoor
Working Temperature	-25°C-40°C
Relative Humidity	10%-90%RH
Color Finish	RAL9016
SDCM	<5
LIFESPAN (L80B20 @ 25°C)	≥50000Hrs
CRI	>80
CCT Adjustable	3500K-4000K-5000K
Beam Angle	110°
UGR	<22

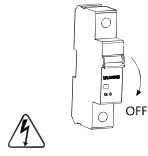
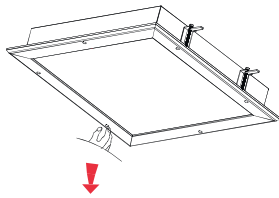
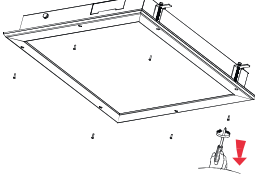
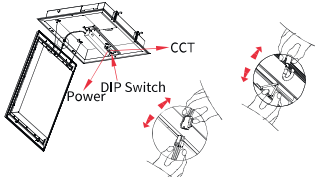
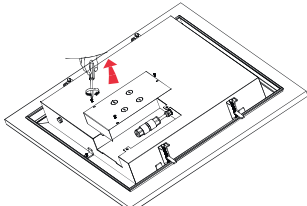
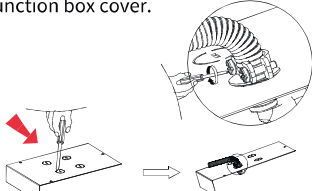
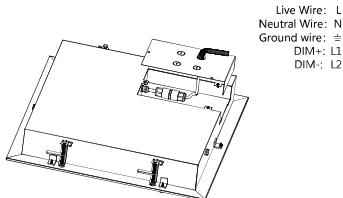
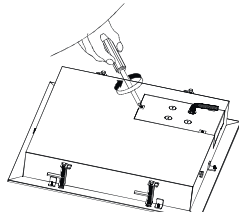
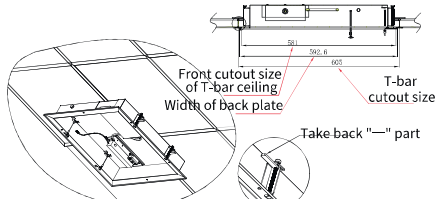
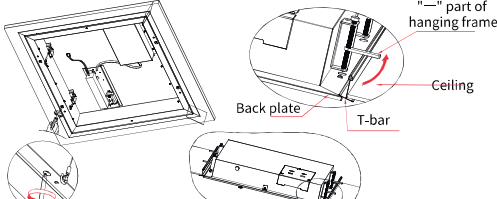
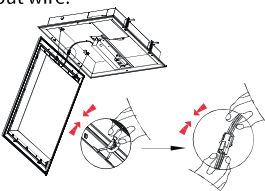
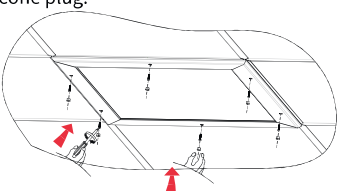
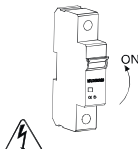
Construction

Frame Material	Aluminum
Diffuser	PC/Tempered glass/Antibacterial PC
Back-plate Material	SPCC

Electical

Input Voltage	AC:120-277V /347V 50/60Hz
Output Voltage	DC:28-40V
Power Factor	>0.9
THD	≤20%
Insulation Class	Class II
Certificate	UL,FCC,DLC,NSF (food rated)
Overload Protection	103~120%
Overload Protection Type	Auto Resume

Installation

<p>1. Cut of AC input.</p> 	<p>2. Remove silicone plug on surface.</p> 	<p>3. Take of screws under 6 silicone plug to remove front cover.</p> 
<p>4. Take off safty rope from hook of front cover and separate the male and female connect of DC output wire.</p> 	<p>5. Remove screws and cover of junction box.</p> 	<p>6. Open the knockout hole and pass through and fixed Threaded pipe into knock out hole on junction box cover.</p> 
<p>7. connecting input cable with Waterproof connector.</p>  <p>Live Wire: L Neutral Wire: N Ground wire: G DIM+: L1 DIM-: L2</p>	<p>8. Fixed the junction box cover with screws.</p> 	
<p>9. Install back plate into cutout of ceiling.</p> 	<p>10. Adjusting 4 screws on side to fixed the fixture into ceiling.</p> 	
<p>11. Hanging well safty rope on hook and connecting male and female connector of DC output wire.</p> 	<p>12. Cover well front cover on back plate and fixed it by screws, and then move back silicone plug.</p> 	<p>13. Power on.</p> 

Wiring Diagram

