



LED Surface Mount Backlit Panel - SMDPB Series (0-10V Dim)



Application: Offices, Schools, Showrooms, Airports, Retail stores and Healthcare facilities, etc.

Feature

- High Performance: Uniform, soft light with high efficacy; 3 CCT adjustable (3000K-4000K-6500K) and power tunable options.
- Reliable Quality: Back-lit design with premium materials ensures excellent heat dissipation, low light degradation, and no yellowing of the LGP.
- Easy & Clean Installation: Surface mounts directly to ceiling without extra frame; dustproof structure prevents internal contamination.

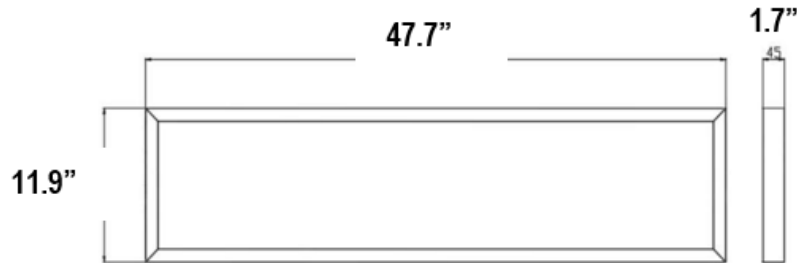
Specification

Model NO	HY-SMDPB1X4-40W-S-TWCCT
Size	1'X4'
Power	20W/30W/40W
Input Voltage	AC120-277V
Dimming	0-10V Dimming
CCT	3500k/4000k/5000k
Efficacy	115.49 LM/W
Power Factor	>0.9
Beam Angle	120°
CRI	≥80
DLC #	S-9DG85D
Oper. Temperature	-4°F~+113 °F / -20 °C~+45 °C
Qty/Pack	4 pcs
Package Weight	49"x14"x7"
Package Weight	18 LBS



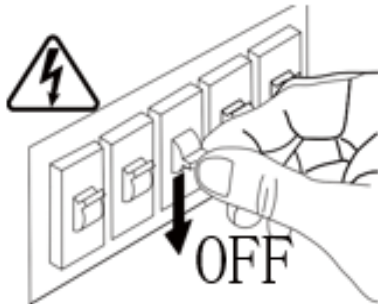
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Dimensions

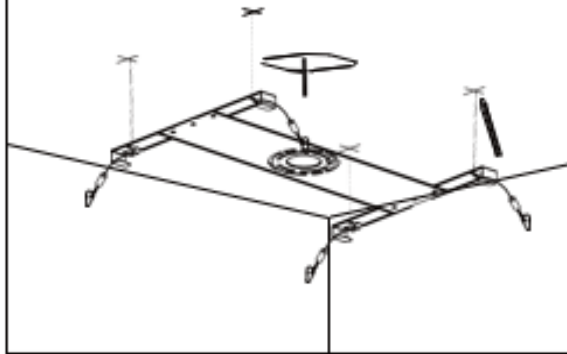


Installation Instruction

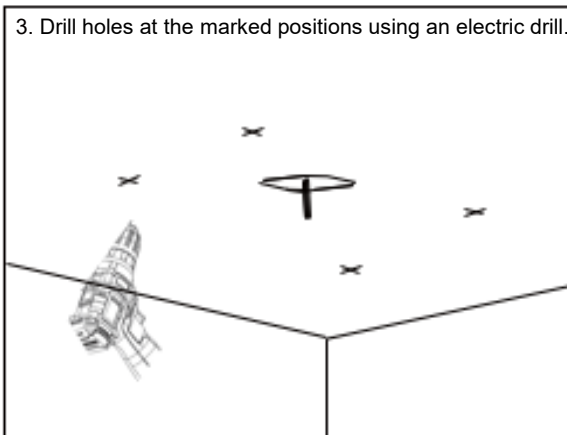
1. Turn off the power before starting the installation.



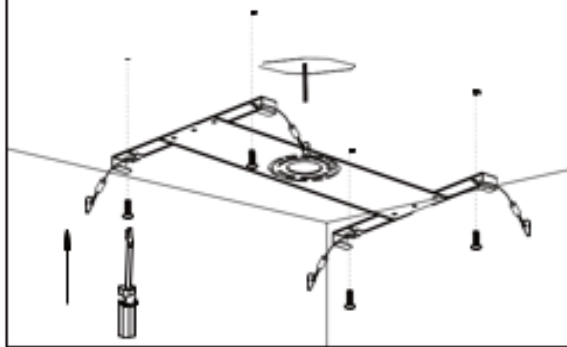
2. Use the surface-mounting bracket to mark the hole positions around the junction box on the ceiling.



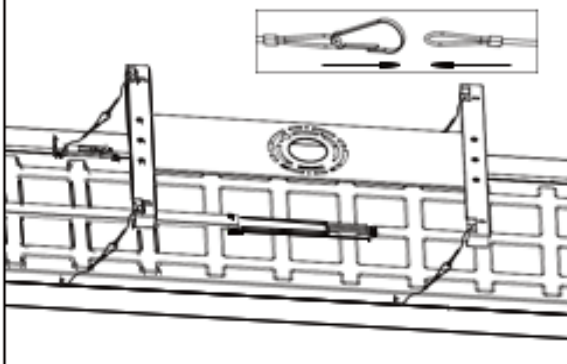
3. Drill holes at the marked positions using an electric drill.



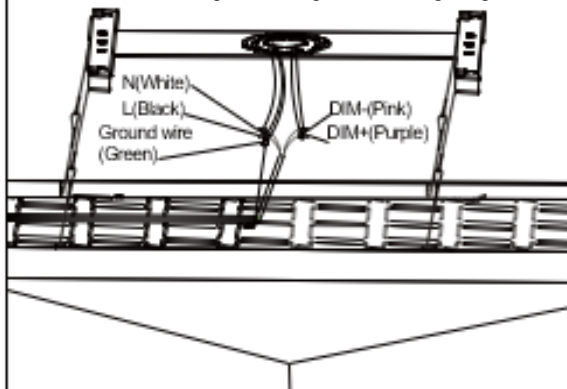
4. Secure the surface-mounting bracket to the ceiling using anchors and screws.



5. Engage the wire buckles on both sides for added safety.



6. Connect the wiring according to the wiring diagram.

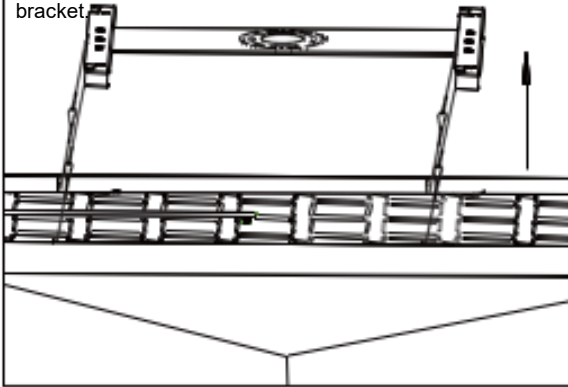




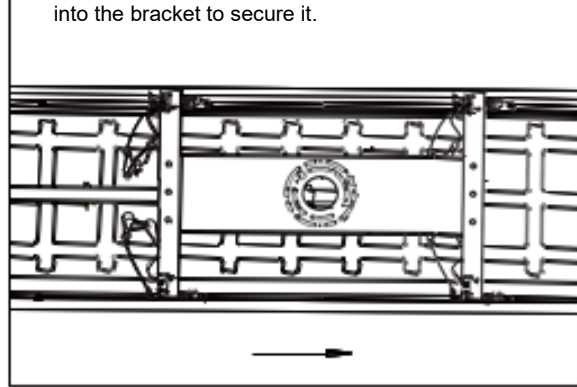
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Installation Instruction

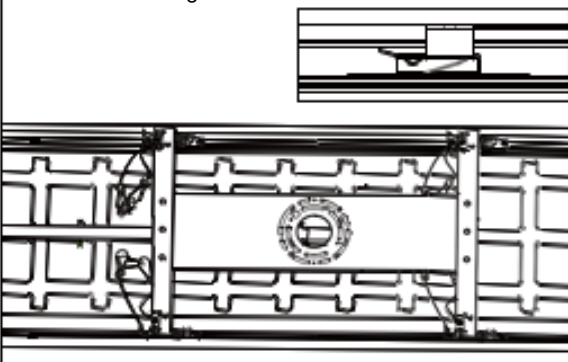
7. Raise the fixture and align it with the surface-mounting bracket.



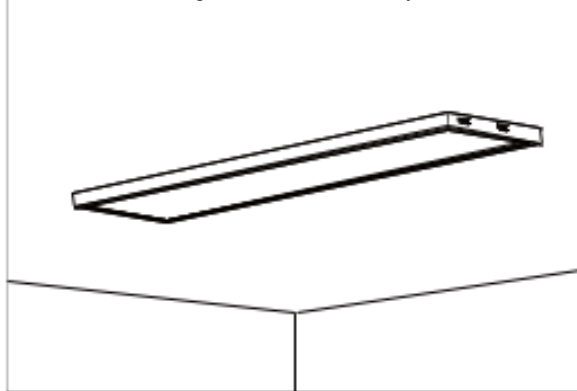
8. Push the fixture upward and snap the slots on the back into the bracket to secure it.



9. Refer to the diagram below for the correct engagement of the mounting slots.



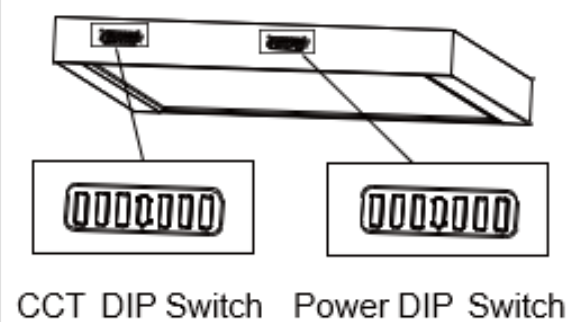
10. Refer to the diagram below for the fully installed fixture.



11. Turn the power back on and test the fixture.



12. Select the desired wattage and CCT using the DIP switches.



Warning

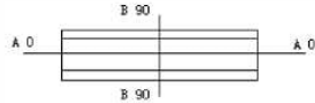
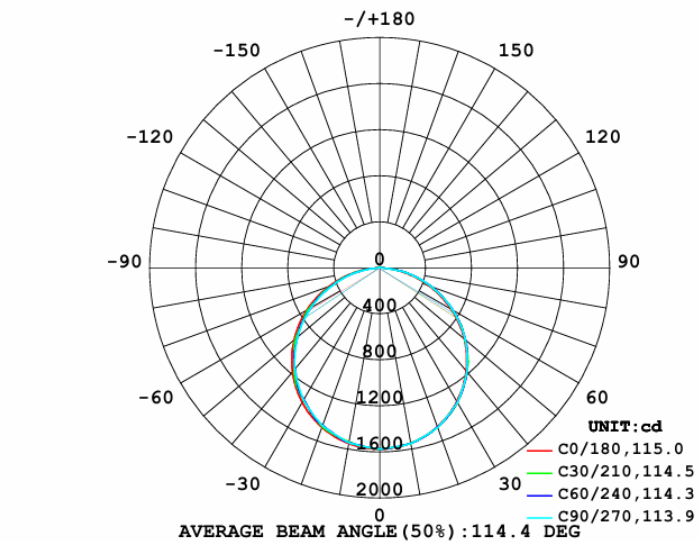
- Ensure the distance between live parts and metal components of the LED panel complies with reinforced or double insulation standards.
- Installation must be carried out by a qualified electrician only.
- Disconnect power before installing or maintaining the LED panel to avoid electric shock.
- Installation and maintenance should be performed by trained professionals only. Do not allow unqualified individuals to disassemble the panel.
- Install the LED panel in a suitable environment. Harsh conditions may reduce its lifespan or cause damage.
- For type Y attachments: If the external flexible cable or cord is damaged, it must be replaced only by the manufacturer, their service agent, or a similarly qualified person to prevent hazards.



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Photometric Report

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)

