

Capricorn wall dimmer unit

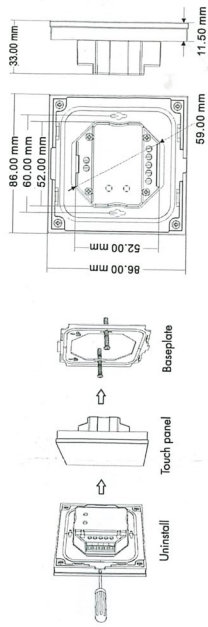
- Match with RF 2.4G remote control.
- One dimmer unit accept up to 10 remote control.
- Auto-transmitting function: dimmer unit automatically transmit signal to another dimmer unit with 30m control distance.
- Over-heat / Over-load / Short circuit protection, recover automatically.

Technical Parameters

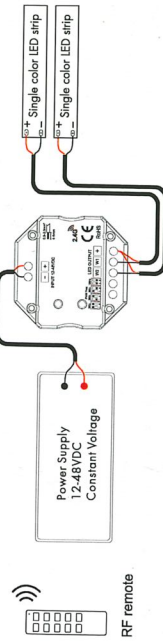
Input and Output	
Input voltage	12-24VDC
Input current	10.5A
Output voltage	12-24VDC
Output current	2CH, 5A/CH
Output power	120W/288W 12V/24V
Output type	Constant voltage

Dimming data	
Input signal	RF 2.4GHz
Control distance	30m (Barrier-free space)
Dimming range	0 - 100%
IP rating	
	IP20
Certification	
	CE, EMC, LVD, RED
Protection	
Protection	Reverse polarity Over-heat Over-load Short circuit

Mechanical Structures and Installations



Wiring Diagram



Match Remote Control

Match:

Turn on light, turn off, immediately press the On/Off key of the panel for 5s, then press on/off key (single zone remote) or zone key (multiple zone remote) of the RF remote within 5s. The LED indicator fast flash 3 times means match is successful.

Delete:

Turn on light, turn off, immediately press the On/Off key of the panel for 10s, delete all matched RF remote. The LED indicator fast flash 6 times means all matched remotes were deleted.

Application notes



- Turn on/off light.
- Brightness wheel.
- Brightness+, 10 levels.
- Brightness-, 10 levels.
- 4 scenes, short press recall the scene, long press 5s save current brightness into scene 1/2/3/4.

Scene locking:

- Scene keys can be set to locked state, cancel long press for 5 seconds to save the scene function (default scene is not locked).
- Short press the panel on/off key, turn on the light first, then turn off the light, immediately long press the panel on/off key for 5 seconds, then immediately long press any one scene key for 5 seconds to set all scene keys to locked state.
- Short press the panel on/off key, turn on the light first, then turn off the light, immediately long press the panel on/off key for 5 seconds, then immediately long press any one scene key for 10 seconds to restore all scene keys to unlocked state.