



2.4G RGB LED Controller SC-WC6-V1



Product description:

The controller adopt high performance processor, and control RGB outdoor luminaires via 2.4 G wireless remote controller. User can choose color, mode and change speed via 2.4G remote controller; and the controller can switch between 52 colors, and it can pause during dimming. The controller has synchronous function, the color effect between multiple units can be synchronous.

Features:

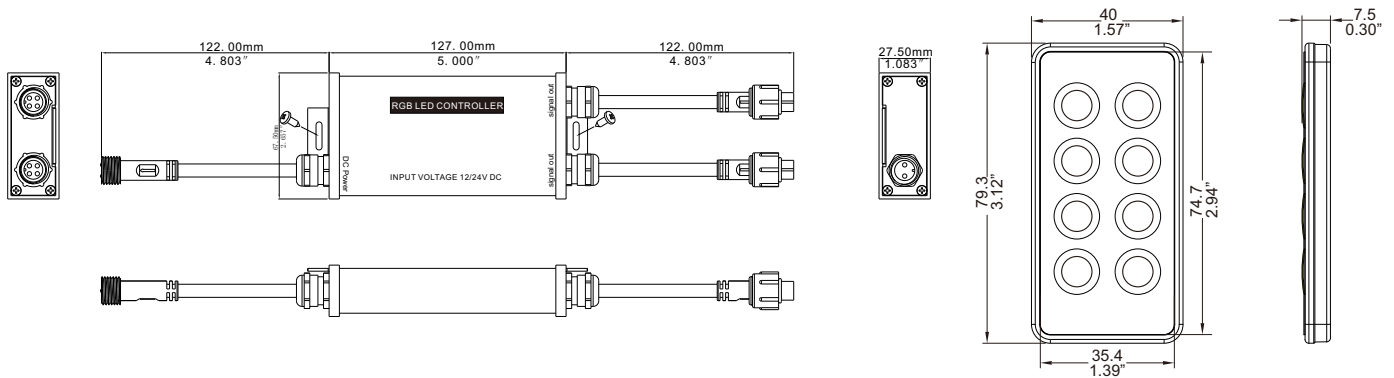
1. Max. control distance of controller can be up to 70m (in open condition);
2. Each remote controller can control multiple controllers, and it has synchronous function.

Technical parameters:

- | | |
|--|--|
| 1. Working voltage: 12/24V DC; | 8. Color mode: 52 colors; |
| 2. Max. current: 9A in total; | 9. Waterproof grade: IP65; |
| 3. Control color type: RGB; | 10. Working temperature range: -20 °C - 70 °C; |
| 4. Wireless transmission frequency : 2.4G; | 11. Product dimension: L127*W64*H28mm; |
| 5. Receiving sensitivity : -96dBm; | 12. Packing dimension: L195*W96*H55mm; |
| 6. Transmitting power: 6dBm; | 13. Weight (gross weight): about 198 gram. |
| 7. Control distance: 70m | |



Dimension(unit:mm):



Function description of remote controller:

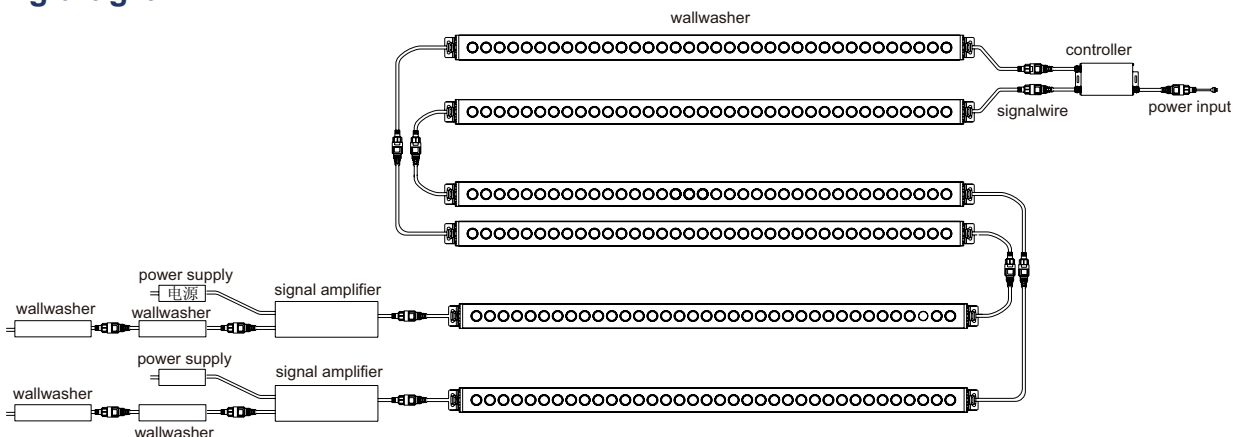
1.Key description

- (1)POWER, on/off
- (2)PAUSE, dynamic mode stop change(invalid in static mode)
- (3)MODE+, mode increase
- (4)MODE-,mode decrease
- (5)SPEED+, speed increase (invalid in static mode)
- (6)SPEED-, speed decrease (invalid in static mode)
- (7)BRT+ , brightness increase (invalid in dynamic mode)
- (8)BRT- , brightness decrease (invalid in dynamic mode)

2. Remote controller matching steps

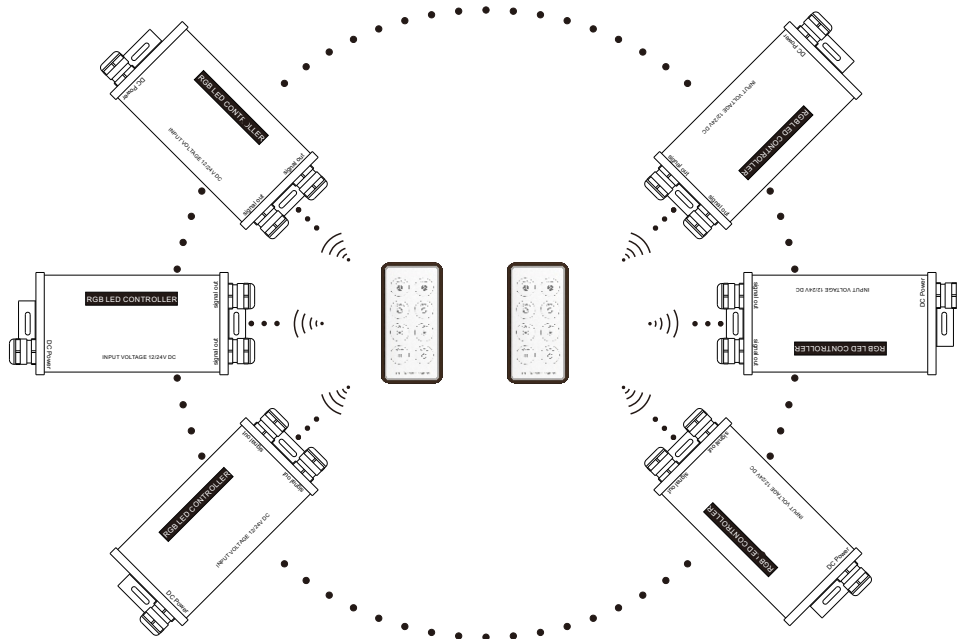
- (1) Disconnect power;
- (2) Re-power to controller ;
- (3) Press any key of controller in 5 seconds, and match finish.

Wiring diagram:





Block diagram:



Color mode:

1. static red
2. static green
3. static blue
4. static yellow
5. static purple
6. static cyan
7. static white
8. red-green jump change
9. red-blue jump change
10. green-blue jump change
11. yellow-cyan jump change
12. yellow-purple jump change
13. cyan-purple jump change
14. red-green-blue jump change
15. yellow-purple-cyan jump change
16. red- green -blue -yellow -purple - cyan- white -jump change
17. red gradual change
18. green gradual change
19. blue gradual change
20. yellow gradual change
21. purple gradual change
22. cyan gradual change
23. white gradual change
24. red-green gradual change
25. red-blue gradual change
26. green-blue gradual change
27. yellow-cyan gradual change
28. yellow-purple gradual change
29. cyan-purple gradual change
30. red-green-blue gradual change
31. yellow-purple-cyan gradual change
32. red-green-blue-yellow-purple-cyan-white gradual change
33. red-green mixed color gradual change
34. red-blue mixed color gradual change
35. green-blue mixed color gradual change
36. red-green-blue mixed color gradual change
37. red flicker change
38. green flicker change
39. blue flicker change
40. yellow flicker change
41. purple flicker change
42. cyan flicker change
43. white flicker change
44. red green flicker change
45. red blue flicker change
46. green blue flicker change
47. yellow cyan flicker change
48. yellow purple flicker change
49. cyan purple flicker change
50. red-green-blue flicker change
51. yellow-purple-cyan flicker change
52. red-green-blue-yellow-purple-cyan-white flicker change



! Notice:

1. The controller must be installed by professionals;
2. When installing the controller, first power off, then connect LED products with controller, after doing the right, then power on it;
3. Good cooling conditions will extend lifetime of controller, please install the product in well-ventilated environment;
4. Ensure input voltage conform to voltage range requirement of product;
5. Wire size used must be sufficiently load connected and make sure wires are securely connected;
6. Before power on, ensure that all the wiring is correct to avoid errors caused by wiring lamps damage;
7. If a failure occurs, don't repair without permission, please contact the manufacturer.