

CCT RECEIVER

SEQUENCERS FOR LEDS

Ref: 41.096

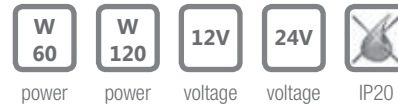
Receiver 12V -24V

Feature:

- Only for "H" connections.
- Only apply to 2-wires ecoled Creta WW+CW led strip.
- Match with RF 2.4G single zone or multiple zone dual colour remote control.
- One RF controller accepts up to 10 remote controls.
- 4096 levels 0-100% dimming smoothly without any flashing.
- Auto-transmitting function: controller automatically transmit signal to another controller with 30m control distance.
- Synchronize on multiple number of controllers.
- 3 levels colour temperature (WW, NW and CW) selectable by continuous power off and on operation.
- Connect with external push switch to achieve on/off and 0-100% dimming function.

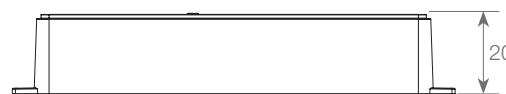
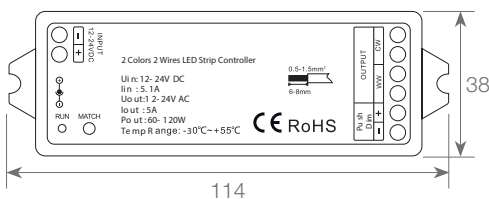
Compatible with controllers:

- 41.095



Power (W)	60W (12V)
Power (W)	120W (24V)
Input current	5.1A
Input signal	RF 2.4GHz + Push Dim
Output current	5A
Output type	constant voltage
Control distance	30m
Dimming gray scale	256 levels
Dimming range	0 -100%
Dimming curve	linear
PWM Frequency	500Hz
Measurements	114x38x20mm
Working temperature	-30°C /+55°C
Waterproofing	IP20
Fixing	can be installed using screws or double-sided tape, none of the fixing components included
Packaging	1 unit
Guarantee	2 years

Measurements:



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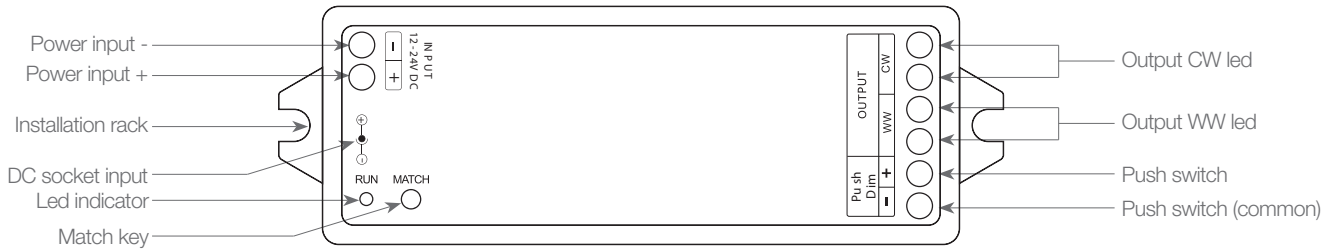
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Mechanical installations



Match remote control (2 ways)

The end user can choose the suitable match/delete ways. Two options are offered:

1. Use the controller's match key

Match: short press match key, immediately press on/off key (single zone remote) or zone key (multiple zone remote) on the remote. The led indicator fast flash a few times means match is successful. Use power restart.

Delete: press and hold match key for 5s to delete all matches, The led indicator fast flashes a few times meaning all matched remotes were deleted.

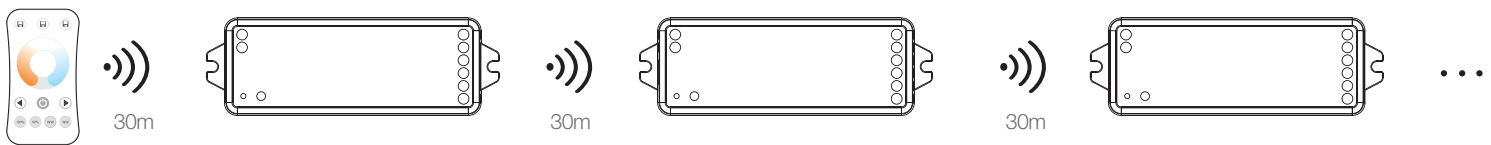
2. Use power restart

Match: switch off the power, then switch on power, repeat again. Immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 3 times on the remote. The light blinks 3 times meaning match is successful.

Delete: switch off the power, then switch on power, repeat again. Immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 5 times on the remote. The light blinks 5 times meaning all matched remotes were deleted.

Application notes

1. All the receivers in the same zone.



RF remote

Auto-transmitting: one receiver can transmit the signals from the remote to another receiver within 30m, as long as there is a receiver within 30m, the remote control distance can be extended.

Auto-synchronization: multiple receivers within 30m distance can work synchronously when they are controlled by the same remote.

Receiver placement may offer up to 30m communication distance. However, we recommend for indoor applications that receiver placements should be no further apart than 15m.

2. Each receiver(one or more) in a different zone, like zone 1, 2, 3 or 4.



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Push Dim with Synchronization

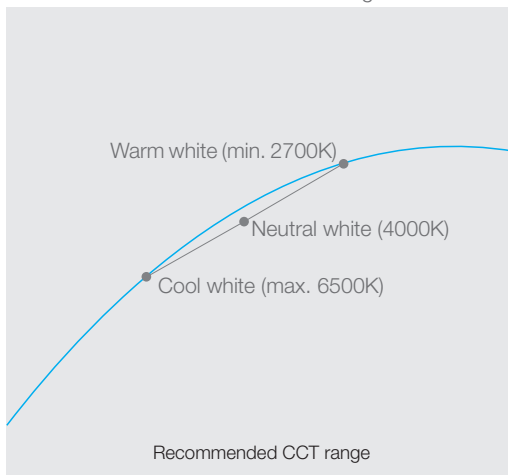
- The provided Push-Dim interface allows for a simple dimming method using non-latching (momentary) wall switches.
- If more than one controller are connected to the same push switch, do a long press for more than 10s, then the system is synchronized and all lights in the group dim up to 100%.
- This means there is no need for any additional synchrony wires in larger installations.
- We recommend the number of controllers connected to a push switch not to exceed 50 pieces.
- The maximum length of the wires from push to controller should be no more than 50m.

Dual colour control

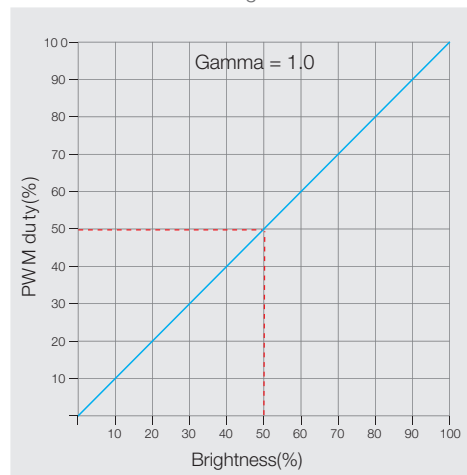
Each channel can supply up to 120W (24V) and white balance can be controlled as such:

Colour temperature	Cool white	Neutral white	Warm white
Power distribution	WW=0W - CW=120W	WW=60W - CW=60W	WW=120W - CW=0W

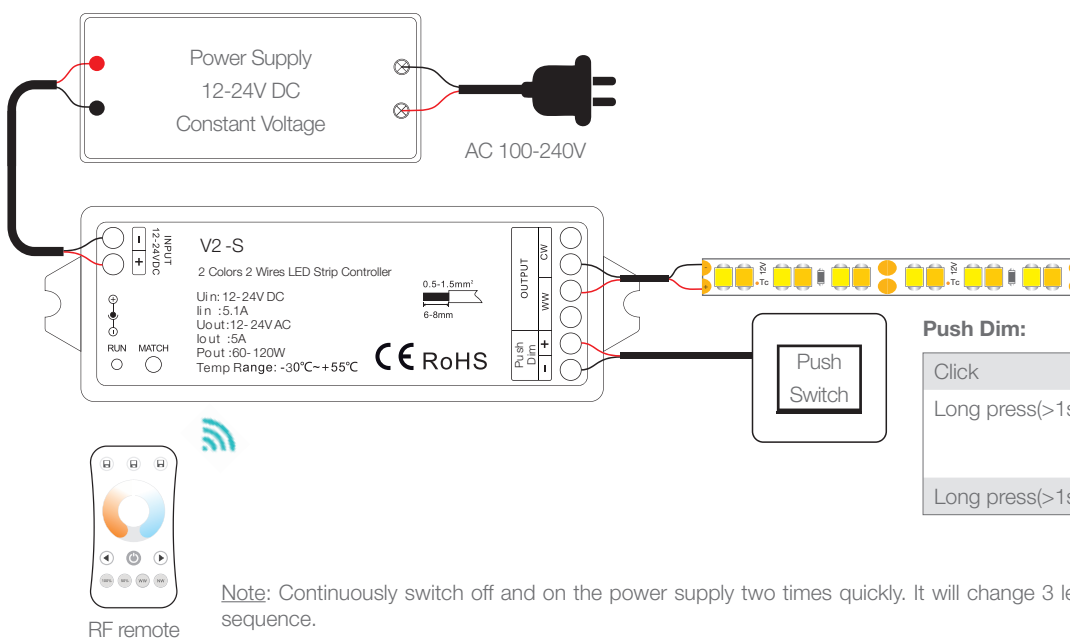
Linear dual colour Tuning



Dimming curve



Type of connection:



Push Dim:

Click	ON/OFF
Long press(>1s) from OFF	Colour temperature UP/DOWN (turn off and turn on to return dimming)
Long press(>1s) from ON	Dimming UP/DOWN

Note: Continuously switch off and on the power supply two times quickly. It will change 3 levels colour temperature (WW, NW and CW) in sequence.