



High Voltage Single Color Dimming LED Driver

Model No.: HF1-P400V220

1. Features

This item is made by 2.4G wireless transfer technology with low consumption and anti-interference. It supports PWM dimming without any flashing and it's built-in power driver which is easy to power on device and protect LED chip. There is overload protection.



Dim brightness



2.4G RF wireless transmission technology



Remote control
control distance 30m



Signal transmitting



Smartphone app control
(2.4GHz gateway is needed)



Support third party voice control
(2.4GHz gateway is needed)



Power off to switch
dynamic mode

2. Parameters

Model No.: HF1-P400V220

Input Voltage: 220-240V~ 50/60Hz

Input Current: Max 4.1A@230V~

Output Voltage: 220V $\overline{\text{---}}$

Output Current: Max 1.82A

Rated Power: Max 400W

Efficiency: 94%

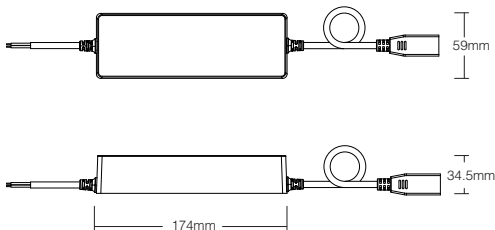
Control Distance: 30m

Working Temp.: -10~40°C

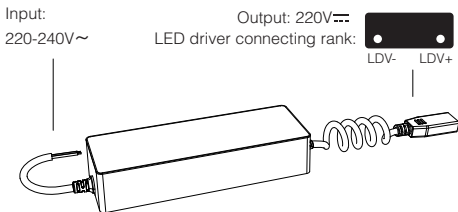
Storage Temp.: -40~80°C

Working Humidity: 20~95%RH, non-condensing

Overload Protection: limited power



3. Connection Diagram



4. Link Code / Unlink Code with remote

Link code

1. Switch off LED driver, switch on again after 10 seconds.
2. Short press zone " | " or " " 3 times on remote within 3 seconds, light blinking 3 times slowly means the linking is done successfully.

Note: The " " key for FUT089 / FUT089-B / B1 / B1-B / T1 / B2 / T2 remote don't support to link code.

Unlink code

1. Switch off LED driver, switch on again after 10 seconds.
2. Short press zone " | " or " " 5 times on remote within 3 seconds, light blinking 10 times quickly means the unlinking is done successfully.

Compatible with following remote controls
(Purchase separately)



FUT089
FUT089-B



FUT092
FUT092-B



FUT088



FUT096
FUT096-B



FUT006



FUT007



B8



B4 / B4-B / T4



B3 / B3-B / T3



B0



B1 / B1-B / T1



B2 / T2



FUT087 / FUT087-B



S1-B / S1-W /
S1-G



S2-B / S2-W
S2-G



WL-Box1



NOTE:

Light will work after linking with remote control;
for more details, please read the remote instruction.

5. Dynamic mode table

Number	Dynamic Mode	Brightness / Speed
1	Gradient	Adjustable
2	Gradient Brighter	
3	Fade	
4	Increasing and decreasing	
5	Increasing	
6	Decreasing	
7	Random change	
8	Strobe	
9	Gradient + strobe	

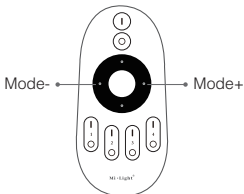
5.1 Switch to dynamic mode when power off:

- After the lamp is turned off, turn on it within 3 seconds and switch the dynamic mode (see the above table for the mode sequence)
- For more than three seconds, the light remains in the state before the power failure.

5.2 Dynamic mode exit

Long press the " I " or " ON " button on the remote control to exit the dynamic mode.

Note: When the FUT007 remote control is controlling this product, press the left and right keys to switch the dynamic mode.



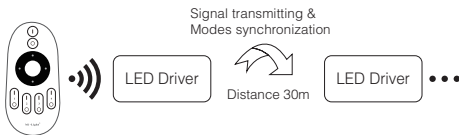
6. Auto-transmitting & Synchronization

Signal transmitting

LED driver can transmit the signals from the remote control to another one within 30m, as long as there is LED driver within 30m, the remote control distance is unlimited.

Modes synchronization

Different LED driver can work synchronously when they are started at different times, controlled by the same remote, under same dynamic mode and within 30m distance.



7. Attention

1. Please check whether the input voltage supply is in accordance with the LED driver.
2. Non-professional user cannot dismantle the LED driver directly, otherwise, it may and electric shock.
3. The working temperature is $-10\sim 40^{\circ}\text{C}$; do not use the device to direct sunlight, moist and other high temperature area.
4. Please do not use LED driver around the mental area and high magnetic field, otherwise, it will badly affect the control distance.



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