











## 1. Product Introduction

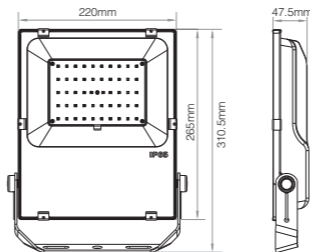
This product is made of a aluminium alloy bottom case and imported material covers with fashionable appearance, waterproof and dustproof, energy saving and environmental protecting, etc features. Widely used on park, apartment, gardens and street, etc.

-  RGB+CCT 16 Millions of colors to choose
-  2.4G RF wireless transmission technology
-  Dimmable Saturation control
-  Signal transmitting & Modes synchronization
-  Color temperature 2700~6500K
-  Remote control Control distance 30m
-  Beam Angle 160°
-  Smart phone APP control (2.4GHz gateway is needed)
-  Waterproof and dustproof grade IP65
-  Support third party voice control (2.4GHz gateway is needed)

## 2. Technical Parameters

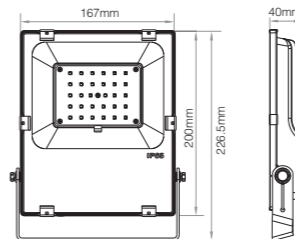
### FUTT02 (50W)

Input Voltage: AC100~240V 50/60Hz  
 Power: 50W  
 Working Temperature: -20~45°C  
 Color Temperature: 2700K~6500K  
 Luminous Flux: 4200LM  
 Light Efficiency: 85LM/W  
 Standby Power Consumption: 1.2W  
 CRI: >80 PF: >0.9  
 Beam Angle: 160°  
 IP Rate: IP65  
 RF: 2.4GHz  
 Transmitting power: 6dBm  
 Control Distance: 30m  
 Lifespan: 50000 hours



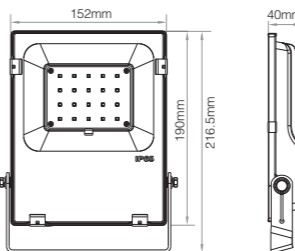
### FUTT03 (30W)

Input Voltage: AC100~240V 50/60Hz  
 Power: 30W  
 Working Temperature: -20~45°C  
 Color Temperature: 2700K~6500K  
 Luminous Flux: 2800LM  
 Light Efficiency: 85LM/W  
 Standby Power Consumption: 1.2W  
 CRI: >80  
 PF: >0.9  
 Beam Angle: 160°  
 IP Rate: IP65  
 RF: 2.4GHz  
 Transmitting power: 6dBm  
 Control Distance: 30m  
 Lifespan: 50000 hours



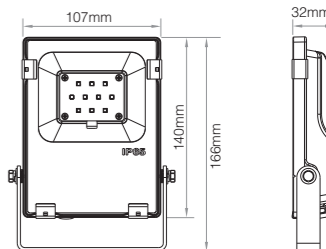
### FUTT04 (20W)

Input Voltage: AC100~240V 50/60Hz  
 Power: 20W  
 Working Temperature: -20~45°C  
 Color Temperature: 2700K~6500K  
 Luminous Flux: 1800LM  
 Light Efficiency: 85LM/W  
 Standby Power Consumption: 0.5W  
 CRI: >80  
 PF: >0.5  
 Beam Angle: 160°  
 IP Rate: IP65  
 RF: 2.4GHz  
 Transmitting power: 6dBm  
 Control Distance: 30m  
 Lifespan: 50000 hours



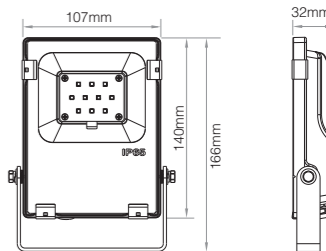
### FUTT05 (10W)

Input Voltage: AC100~240V 50/60Hz  
 Power: 10W  
 Working Temperature: -20~45°C  
 Color Temperature: 2700K~6500K  
 Luminous Flux: 900LM  
 Light Efficiency: 85LM/W  
 Standby Power Consumption: 0.5W  
 CRI: >80  
 PF: >0.5  
 Beam Angle: 160°  
 IP Rate: IP65  
 RF: 2.4GHz  
 Transmitting power: 6dBm  
 Control Distance: 30m  
 Lifespan: 50000 hours



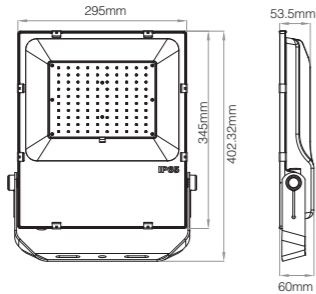
### FUTT06 (10W)

Input Voltage: DC24V  
 Power: 10W  
 Working Temperature: -20~45°C  
 Color Temperature: 2700K~6500K  
 Luminous Flux: 900LM  
 Light Efficiency: 85LM/W  
 Standby Power Consumption: 0.5W  
 CRI: >80  
 Beam Angle: 160°  
 IP Rate: IP65  
 RF: 2.4GHz  
 Transmitting power: 6dBm  
 Control Distance: 30m  
 Lifespan: 50000 hours



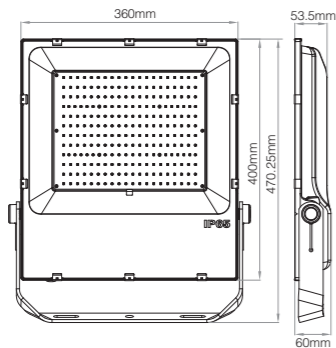
### FUTT07 (100W)

Input Voltage: AC100~240V 50/60Hz  
 Power: 100W  
 Working Temperature: -20~45°C  
 Color Temperature: 2700K~6500K  
 Luminous Flux: 8500LM  
 Light Efficiency: 85LM/W  
 Standby Power Consumption: 0.65W  
 CRI:>80  
 PF: >0.9  
 Beam Angle: 160°  
 IP Rate: IP65  
 RF: 2.4GHz  
 Transmitting power: 6dBm  
 Control Distance: 30m  
 Lifespan: 50000 hours



### FUTT08 (200W)

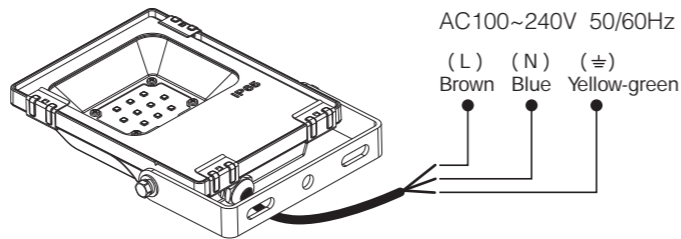
Input Voltage: AC100~240V 50/60Hz  
 Power: 200W  
 Working Temperature: -20~45°C  
 Color Temperature: 2700K~6500K  
 Luminous Flux: 17000LM  
 Light Efficiency: 85LM/W  
 Standby Power Consumption: 0.96W  
 CRI:>80  
 PF: >0.95  
 Beam Angle: 160°  
 IP Rate: IP65  
 RF: 2.4GHz  
 Transmitting power: 6dBm  
 Control Distance: 30m  
 Lifespan: 50000 hours



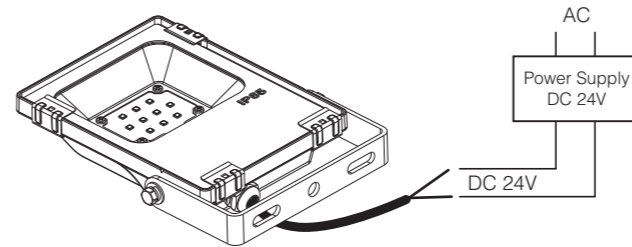
## 3. Dynamic Mode Sheet

Number	Dynamic Mode	Brightness / Saturation / Speed
1	Mardi Gras	Adjustable
2	Automatic color change	
3	Sam	
4	Gemstone	
5	Twilight	
6	American	
7	Fat Tuesday	
8	Party	
9	Slow Color Splash	

## 4. Connection Diagram



FUTT02 / FUTT03 / FUTT04 / FUTT05 / FUTT07 / FUTT08



### FUTT06

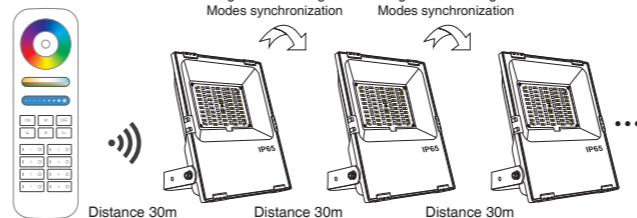
Input Voltage DC 24V, don't need to distinguish polarity on the connection

## 5. Signal transmitting

One lighting fixture can transmit the signals from the remote control to another lighting fixture within 30m, as long as there is a lighting fixture within 30m, the remote control distance can be limitless.

## 6. Modes synchronization

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



## 7. Link/Unlink

Compatible with these remote controls (Purchased separately)



### NOTE:

Lighting can be working after linking with remote; for more details, pls read the remote instruction.

## 8. Attention

- When install the lighting fixtures, pls switch off the power to make sure the safety.
- The working power is high voltage alternating current, so it must be far away from people and must with ground connection.
- As the power is large, user must choose suitable power cable when connecting.
- Non-professional user cannot dismantle the lighting fixtures directly, otherwise, it may cause fire and electric shock.
- Please do not use lighting fixtures around the mental area and high magnetic field, otherwise, it will badly affect the control distance.
- Users must be correct, strict and solid to install the lighting fixtures; do not use the lighting fixtures on strenuous vibration area.

