100W RGB+CCT Smart LED Garden Light (2.4GHz)
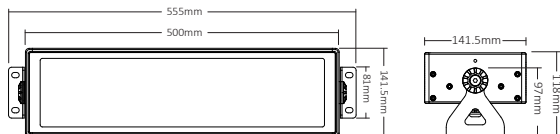
Model No.： FUTC13

Product Feature

- 16 millions color
- Dim RGB/CCT/Brightness, CCT range 2700K-6500K
- Zigbee 3.0+2.4G wireless transmission technology
- One light max work with 12pcs 2.4G RF remote (control distance 30m)
- 18 dynamic mode with jumping and changing gradually (only work with 2,4G RF remote)
- Auto-forwarding: Automatically forward the remote control signal to another master box, making the remote control distance infinite
- Have DND function, usually used in power failure area and save power
- Support TUYA SMART app control (Zigbee 3.0 gateway is needed)
- Support third party voice control like Alexa, Google assistant,Yandex Alice, Tmall Genie,Baidu and Xiaomi (Zigbee 3.0 gateway is needed)
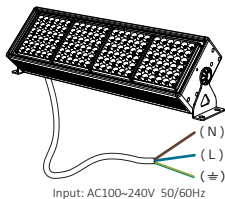
Product Parameter

Product Name:	100W RGB+CCT Smart LED Garden Light	IP rate:	IP65
Model No.:	FUTC13ZR	Working Temperature:	-10~40℃
Input voltage:	AC100~240V 50/60Hz	Illumination Distance:	＞20M
Power:	100W	Dimming Level:	4096
Power factor：	＞0.9	Dimming Range:	0.1-100%
CRI：	＞80	Dimming Curve:	logarithm
Color temperature：	2700~6500K	EMC Standard (EMC):	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-3 V2.3.2
Luminous Flux:	8700LM		
Luminous efficiency：	88LM/W	Security Standard（LVD）:	EN 62560:2012+A1; 2015+A11:2019
Beam Angle:	15°		
Protocol:	Zigbee 3.0+2.4GHz RF	Radio equipment（RED）:	ETSI EN 300 440 V2.2.1
Control Distance:	Zigbee: 50M (Open Area) RF:30M	Certification:	CE, EMC, LVD, RED

Dimension

Installation Tips

Please read instruction before installing it, you can contact with our service center if there is any technical issue

(N)
(L)
(⏚)

Input: AC100~240V 50/60Hz

For floodlights, waterproof connector required
(Purchased separately)

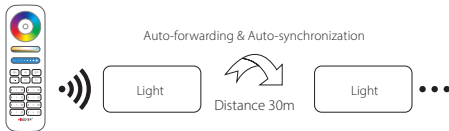Lighting source can not be replaced, please buy new light if the light is over lifetime

Auto-forwarding & Auto-synchronization

Remote control signal auto-forwarding

The remote control signal received by the host will
be forwarded to another host within 30m, making
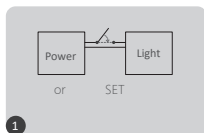the control distance infinite.

Dynamic mode auto-synchronization

In the same dynamic mode, the lamps will be
automatically synchronized so that the dynamic effects
are always consistent.

Auto-forwarding & Auto-synchronization

Light   Distance 30m   Light   • • •

Link/Unlink

1 turn off light 10 seconds and turn on again

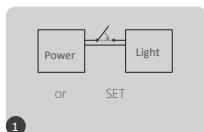**2** short press " | " 3 times within 3 seconds

3 link is done once light flashes 3 times slowly

⚠ Link is failed if light doesn't flash, please repeat above steps
(Attention: can not link again if remote already finished linking)

Unlink:

1 turn off light 10 seconds and turn on again

2 short press " | " 5 times within 3 seconds

3 link is done once light flashes 10 times quickly

⚠ Unlink is faild if light doesn't flash, please repeat above steps
(Attention: no need to unlink if the light never be linked)

Compatible Remote (purchase separately)

B8

B0

B3 / B3-B / T3

B4 / B4-B / T4

S2-B / S2-W
S2-G

S2W+

S1W+

FUT100

FUT089
FUT089-B

C5

FUT092
FUT092-B

FUT088

FUT096
FUT096-B

WL-Box1

FUTD01

Dynamic mode table selection

Select dynamic mode table 1: While the light is in static mode, short press **" S+ "** button 5 times quickly until blue light flashes 3 times slowly.

Select dynamic mode table 2: While the light is in static mode, short press **" S- "** button 5 times quickly until yellow light flashes 3 times slowly.

Dynamic mode table 1 (default)

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

Dynamic mode table 2 (need to switch manually)

Number	Dynamic Mode	Brightness / Saturation / Speed
1	Colors gradual change	
2	White light Gradual change	
3	RGB gradual change	
4	Seven colors jump to change	
5	Jump to change randomly	Adjustable
6	Red light gradual change +Flash 3 times	
7	Green light gradual change +Flash 3 times	
8	Blue light gradual change +Flash 3 times	
9	White light gradual change +Flash 3 times	

Smartphone APP control instruction

Added Zigbee 3.0 gateway into "Tuya Smart" App (please review instruction of Zigbee 3.0 gateway)

1). Connect with power supply.

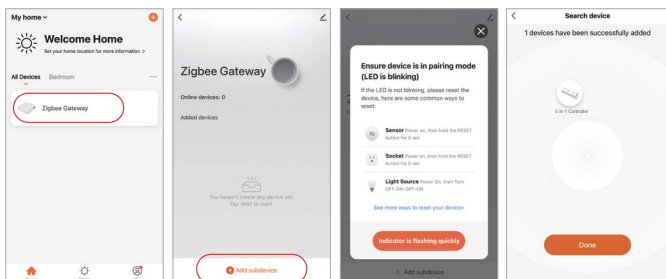2). Pairing network (attention: factory default is pairing network).

    Way one: Turn off and turn on light 3 times or over 3 times continuously, the light is in breathing status.

    Way two: Long press " SET " key until indicator light flashing.

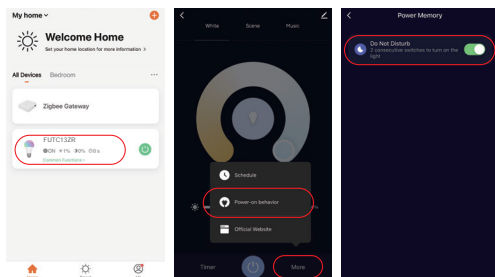3). Open "Tuya Smart" APP to click Zigbee gateway, then click "**Add sub device**".

4). Click "**Indicator is flashing quickly**".

5). Support APP dimming or group control and etc once added successfully.

App turn on and off "Do Not Disturb" mode (default activated)

Click the light which need to be set up or group control --- click "More"--- click "Power-on behavior"--- turn on or off

Philips Hue control instruction

Added "Philips Hue" into APP

1). Connect with power supply
2). Pairing network (attention: factory default is pairing network)
   Way one: Turn off and turn on light 3 times or over 3 times continuously, the light is in breathing status.
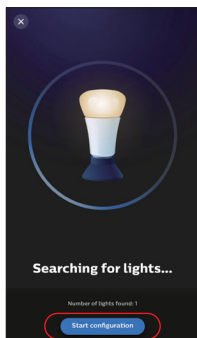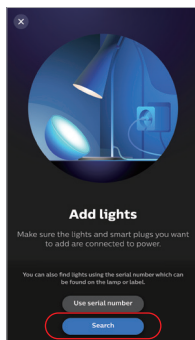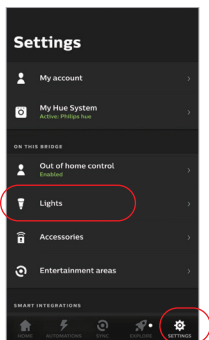   **Way two:** Long press " SET " key until indicator light flashing.
3). Open "Philips Hue" App to click "SETTINGS" and click "Lights"
4). Click "+" on the top of right corner
5). Click "Search"
6). Click "Start configuration", Follow the app instruction to complete configuration

Alexa voice control instruction

1). Alexa control (Audio support Zigbee 3.0 protocol)

Connect Amazon ECHO directly if it's already built-in zigbee 3.0 protocol, following model with zigbee 3.0 protocol:

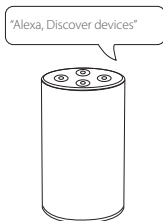Amazon ECHO Plus (2nd Gen), ECHO (4th Gen), ECHO Studio, ECHO Show (2. Gen)

1). Connect with power supply
2). Pairing network (attention: factory default is pairing network)
   Way one: Turn off and turn on light 3 times or over 3 times continuously, the light is in breathing status.
   Way two: Long press " SET " key until indicator light flashing.
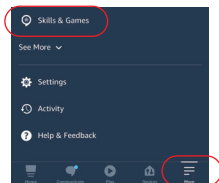
3). Say to Amazon ECHO "Alexa, Discover devices"
   Wait for a while to discover device, Voice control is activated

"Alexa, Discover devices"

2). Alexa control (Audio don't support Zigbee 3.0 protocol)

Please add device into MiBOXER Zigbee 3.0 gateway if your Alexa don't support zigbee 3.0 protocol, then start following steps
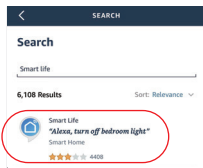
1). Open Alexa App
2). Click "More" on the bottom of right corner
3). Click "Skills & Games"

- Skills & Games
- See More ∨
- ⚙ Settings
- ↻ Activity
- ❓ Help & Feedback

Home Communicate Play Devices More

4). Click " 🔍 " on the top of right corner
5). Type into "Smart life" and search

SKILLS & GAMES
Discover   Categories   Your Skills

SEARCH

Search

Smart life

6,108 Results   Sort: Relevance ∨

6). Click "Smart Life" skill, follow instruction to finish configuration and start voice control

Smart Life
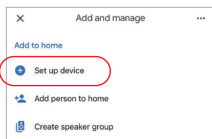*"Alexa, turn off bedroom light"*
Smart Home
★★★ 4408

Google Home voice control instruction

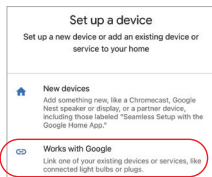Please add device intoMiBOXER Zigbee 3.0 gateway and start following steps

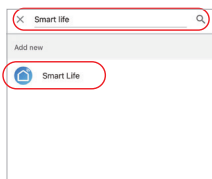1). Open Google Home App
2). Click "+" on the top of left corner

3). Click "Set up device"

4). Click "Works with Google"

5). Click " 🔍 " on the top of right corner
6). Type into "Smart life" and search
7). Click "Smart Life" skill, follow instruction to finish configuration and start voice control

DND mode ON/OFF (factory default is ON)

Turn ON DND:

Short press "OFF" 3 times within 3 seconds and short press "ON' 3 times, DND mode is activated if the light flashes 4 times quickly
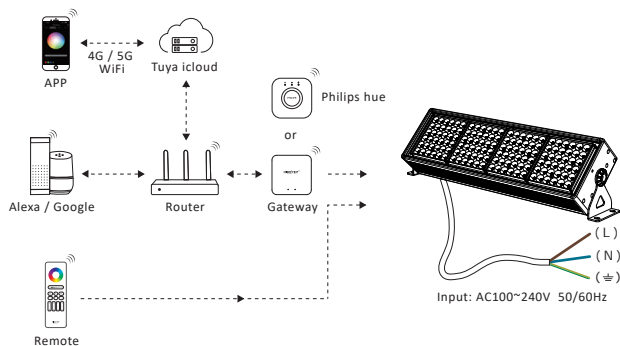
Attention: The status of light (ON or OFF) is same as turn on or off mains

Turn off DND

Short press "ON' 3 times within 3 seconds and short press "OFF" 3 times, DND mode is shut down if the light flashes 4 times slowly

Attention: The light is always ON if turn on or off mains

Connection Diagram

Input: AC100~240V 50/60Hz

(L)
(N)
(⏚)

Attention

1.Please ensure that voltage, N and L are correct connection, it will damage the light with wrong wiring

2.Please turn off mains before wiring cable and ensure that connection don't have any problem like short circuit

3.Don't disassemble it if you are not expert

4.Don't use it near magnetic or metal area, it will affect signal and reduce distance.