novostella

Smart LED Flood Light User Guide

THANK YOU for choosing Novostella. It is pretty easy to set up this light by taking a few minutes to watch the step-by-step tutorial video. And for those who prefer to have a manual at hand for set-up, you may also read the rest pages for details.

Video Guide
Please scan the left QR code below, choose the language to watch the installation on Youtube.

Before installation, please note:
· This product only supports 2.4GHz WiFi network, not 5.0GHz.
· Make sure to keep an interval over 2 seconds between each turn-on and turn -off during the set-up.

General Troubleshooting
Scan the right QR code below for FAQ. If your problem is not yet solved, please write us email via support@novostella.net.

Contact Us

Have some issue? No worries! Please reach us via these channels.
Our customer services team is more than happy to help.

✉ *support@novostella.net*

🏠 *www.novostella.net*
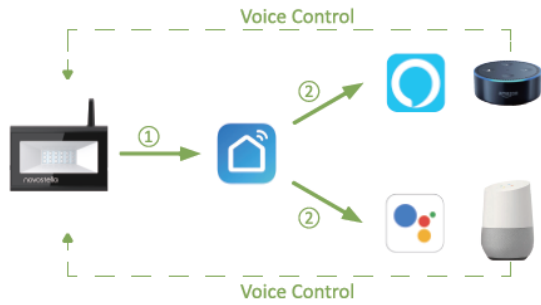
Smart LED Flood Light User Guide

Before installation, let's know how the whole thing works.

Step One: Install the smart flood light.
Step Two: Fundamental set-up - Connect smart LED flood light to Smart Life App.
Step Three & Four: Optional set-up - Connect Smart Life App to Amazon Alexa or Google Assistant.

After completing Step Two, you can remote control the light on Smart Life App. After completing Step Three and Four, you can voice control the light with Alexa or Google Assistant. This manual consists of Four parts.

Part One - How to install the light ?

⚠ Warning

(1) Please check if the light and the parts are intact before installation.
(2) Make sure to cut off power before installation.
(3) Please do not place this light in corrosive conditions.
(4) If there is any damage to the cord, please cut off the power and stop using it immediately.
(5) Please do not retrofit the light within the warranty period.
(6) To ensure the light works properly, please use the voltage indicated on the packing.

1. Parameters

Model	NTF80	NTF81	NTF82
Wattage	30W	80W	100W
Input Voltage	US: 100-120V AC		
Color	RGB		
Frequency	50/60Hz		
Waterproof Rating	IP66		
Beam Angle	120°		
Working Temperature	-20~40℃		

P/N: NTF80C/NTF81C/NTF82-RGB

Wireless Control Specification:
Wireless Frequency Range: 2412-2462 MHz, 2422-2452 MHz
Wireless Communications Protocol: 802.11b/g/n ht20,802.11n ht40
Wireless Conducted Power: 14 dBm
BLE
Operation Frequency:2402-2480 MHz
Maximum Output Power:4.46 dBm

2. Components

Heatsink
Lock screw
Bracket
WiFi Transmitter
LED light source
Reflector
Tempered glass lid
US: 18AWG 3x0.824mm²
US Plug
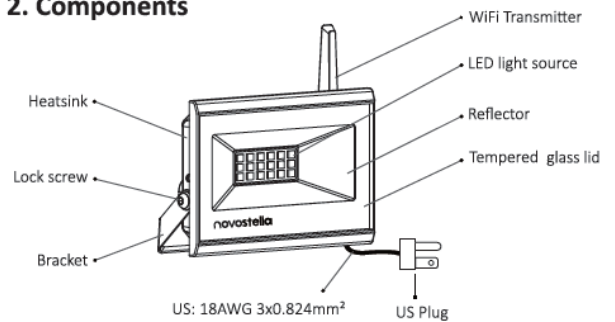
Note: Cord - type Y attachment.

For type Y attachment: If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

3. Dimension

10.7cm/4.2in
16cm/6.3in
3cm/1.2in

NTF80
Weight: 1.21lb/0.55kg
Max Projected Area: 30㎡

16.8cm/6.6in
25cm/9.8in
4cm/1.57in

NTF81
Weight: 2.97lb/1.35kg
Max Projected Area: 50㎡

22cm/8.66in

novostella   **100W**

33cm/13in   5cm/1.96in
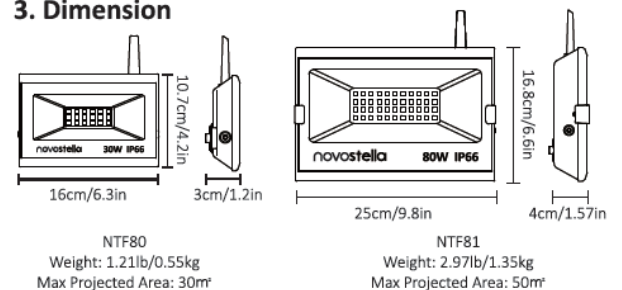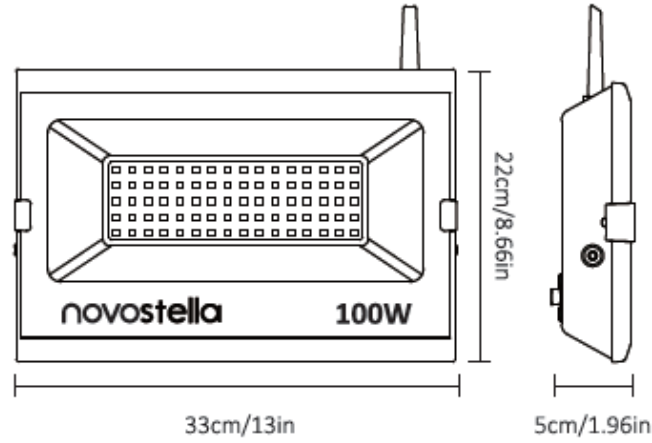
NTF82
Weight: 5.5lb/2.5kg
Max Projected Area: 80m²

4. Installation

Step A: According to the spacing of two screw bits on the bracket, drill two
holes on the mounting panel.

A
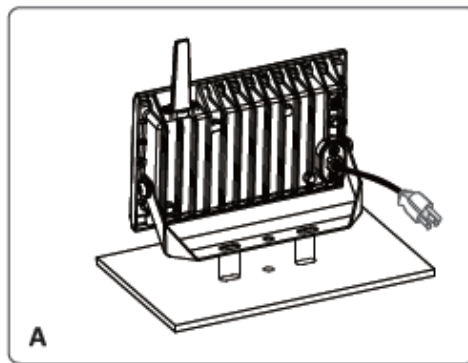
Note: Maximum mounting height is over 5m.

Step B: Aim the bracket at the holes and fix it with two bolts.
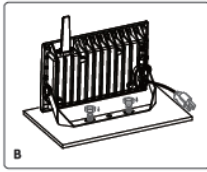
Step C: Adjust the lighting direction up or down as per your need and plug in to power the light on.

Note:

Limitation of Indoor and Outdoor Use

(1) This light is waterproof and damp proof. It is protected against the rain, but it cannot be immersed in water.
(2) The mounting position of this light should be able to bear at least 10 times as heavy as the light.
(3) This light should be used in condition that is good for heat dissipation. Its working temperature should be less than 40°C Too high the working temperature will cause serious lumen depression and affect lifespan of the light.
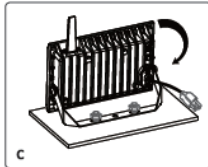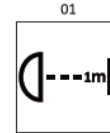
The light source of this luminaire is not replaceable, when the light source reaches its end of life the whole luminaire shall be replaced.

Note:

01 Make sure that the distance between the light and the object being lits is more than 1 meter, so as to avoid high temperature caused by short distance.

Federal Communication Commission(FCC)Statement for Users Warning:
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
This device complies with part 15 of the FCC Rules.
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .

This transmitter must not be coÿlocated or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with minimum distance 20cm between the radiator &you body.

Part Two-How to pair the light to Smart Life app?

Important notes before starting :

- Please make sure the WiFi signal strength is strong enough for the flood light. We strongly recommend that the distance between the flood light and your WiFi router be kept within 80ft/25m.

- Before starting the paring, please make sure to turn on the Bluetooth and WiFi on your phone.

- The smart light only supports 2.4GHz WiFi network, not 5.0GHz. Please make sure the working network is 2.4GHz, and your phone is connected to it. If your WiFi router supports both 2.4GHz and 5.0GHz, please separate the two frequency bands in the router settings, and select the 2.4GHz for connection.

Step A : Smart Life app installation
Please choose either way below to download and install the app.
(1) As per your phone system, choose the QR code to scan.

iOS   Android
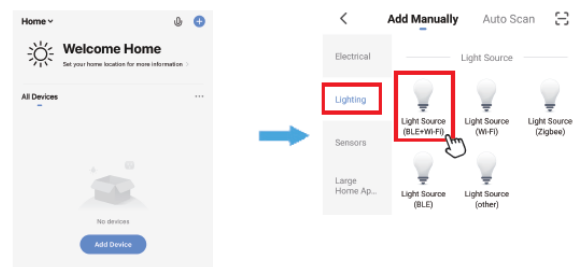
(2) Search keyword 'Smart Life' in Apple Store or Google Play.

Step B: Create an account on Smart Life and login.
Note: Please keep your account and password in mind for Alexa or Google Assistant App pairing later.
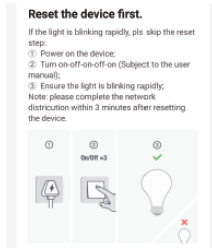
Step C : Add the light to Smart Life App
1. Tap '+' button on top right corner to add devices. Tap 'Lighting', then choose 'Light Source (BLE+Wi-Fi)' to add the lights.
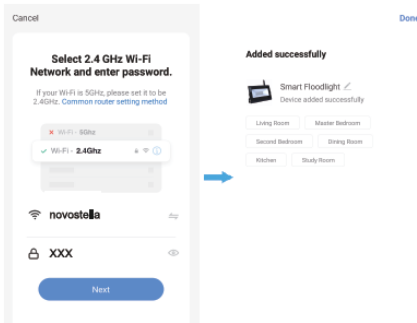
2. Power on the light with your own switch. Repeatedly turn on-off-on-off-on-off-on switch (3 times) to activate the light into rapid blinking status (about 0.5s per blink). Then click the 'Next' button on this page. Find the lighting devices and click '+'.

* Please make sure to keep an interval about 2 seconds between each turn-on and turn-off.
* After switch on-off 3 times, please wait for about 5 seconds, then the light will start to blink with RED light, which means that it has been reset successfully.

Reset the device first.
If the light is blinking rapidly, pls skip the reset step:
① Power on the device;
② Turn on-off-on-off-on (Subject to the user manual);
③ Ensure the light is blinking rapidly;
Note: please complete the network districution within 3 minutes after resetting the device.

① ② ③
On/Off x3
✓
✗

3. Choose your WiFi network, enter your password, and tap the 'Next' button. Then give a name to the light and tap the 'Done' button.

Cancel   Done

Select 2.4 GHz Wi-Fi Network and enter password.
If your Wi-Fi is 5GHz, please set it to be 2.4GHz. Common router setting method

✗ Wi-Fi - 5Ghz
✓ Wi-Fi - 2.4Ghz

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🔒 XXX

Next

Added successfully

Smart Floodlight ✎
Device added successfully

Living Room   Master Bedroom
Second Bedroom   Dining Room
Kitchen   Study Room

Step D : Give a name to the light.

- A simple name is recommended for easier voice recognition with Alexa or Google Assistant.
- The name given to the light will be the same for voice control on Alexa or Google Assistant.

Step E : Control the lights.

The named light will be shown on the app homepage. Now you can control the light (turn on/off, change colors, adjust brightness ect) with Smart Life on the setting page.

‹   Smart Floodlight-vdevo   ∠

Color   Scene   Music Sync

☀   100%
◐   100%

Timer   ⏻   More
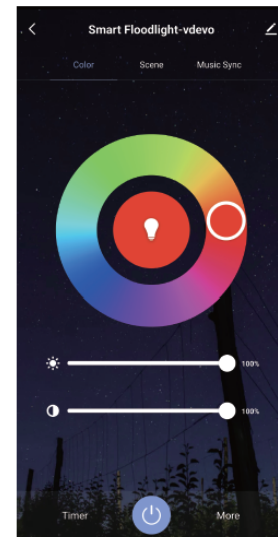
How to group the flood lights?

* Please note all the lights need to be the same model and already paired to "smart life" App before creating a group.

1. Choose any flood light on the app, click the edit button on the top right corner, then click "Create Group" .

2. Choose the flood lights you want to group from the device list and rename the group.

Now you can control the flood lights and sync with the music, the colors will be synchronized in the group.