V-TAC®

INNOVATIVE LED LIGHTING

LED STRIP LIGHTS
INSTRUCTION MANUAL

SAVE 80% ENERGY

RoHS

CE

ENERGY
енергия · ενεργεια

A++
A+
A
B
C
D
E

A+

V-TAC®
INNOVATIVE LED LIGHTING
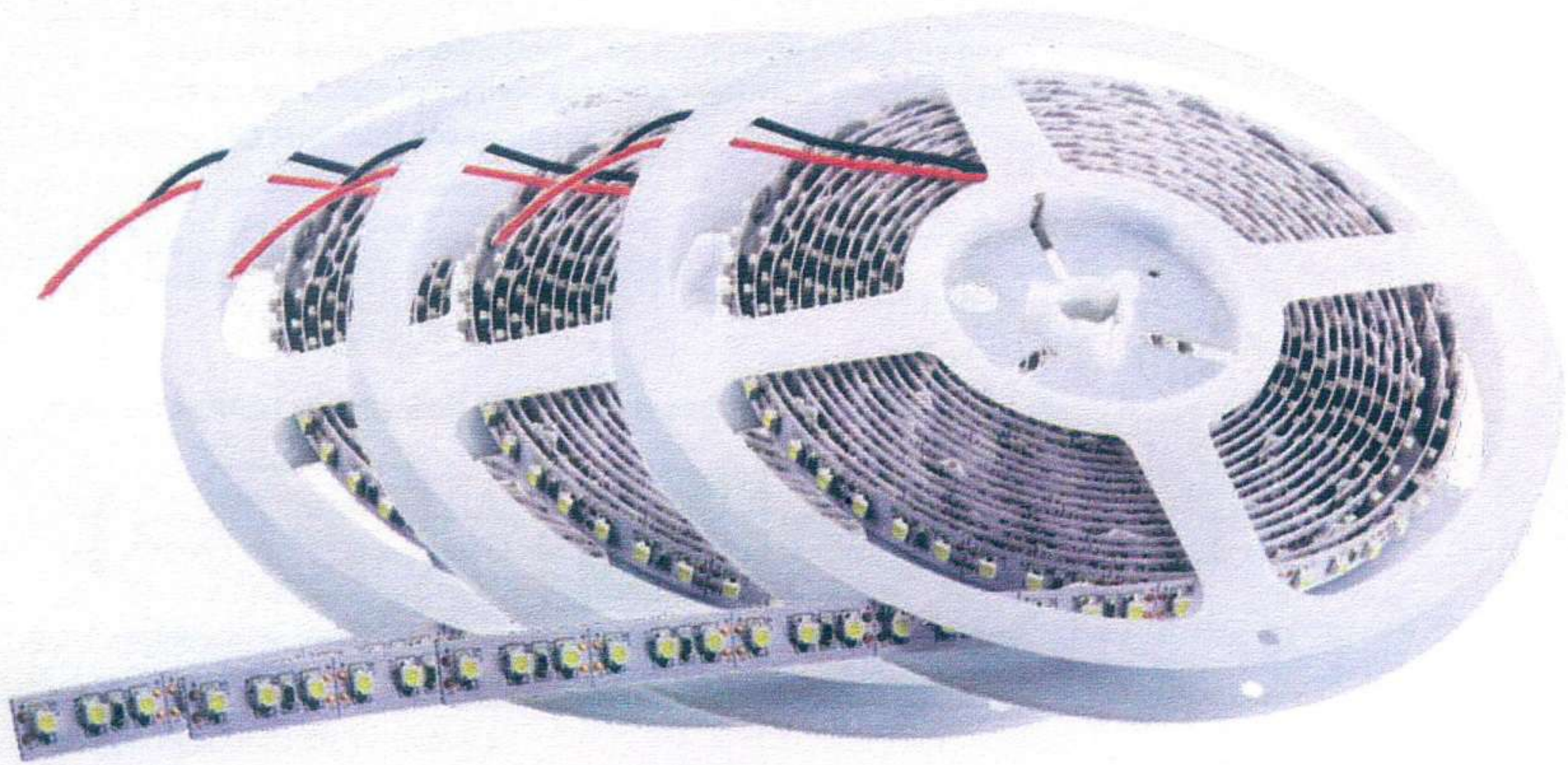
Thank you for purchasing VTAC Led strip light. This instruction manual comprises important information concerning the product, therefore you should get acquainted to it prior to start the use of the product. Improper maintenance and use not in accordance with its mainly applicably can cause product damage and be threat of accidents.

REMARKS

    (1) IP 20 Can be used only indoors.

    (2) IP 65 Can be used only indoors as well as outdoors (Not for signage use).

INFORMATION CONCERNING ASSEMBLY

LED strips are covered on the bottom with double sided adhesive tape.

During the assembly, remove the protective layer and then install on a smooth, clean and degreased surface.

In case of waterproof strips (IP65 rating), we recommend installation in places with undistributed air flow to prevent overheating of diodes. Also, kindly ensure that the strips are additionally protected against the weather conditions i.e. by thermo shrink insulation.

INFORMATION CONCERNING INSTALLATION

Use only power supply DC 12V.

In case when section is longer than 5M, we recommend to power strips from both the ends.

When selecting appropriate power supply, please take into account, the electric power consumed by LED strips (kindly check the technical data sheet).

During installation:

    - Red wire should be connected to the positive (+) side of the power supply unit.

    - Black wire should be connected to the negative (-) side of the power supply unit.

Connecting LED Strip with power supply
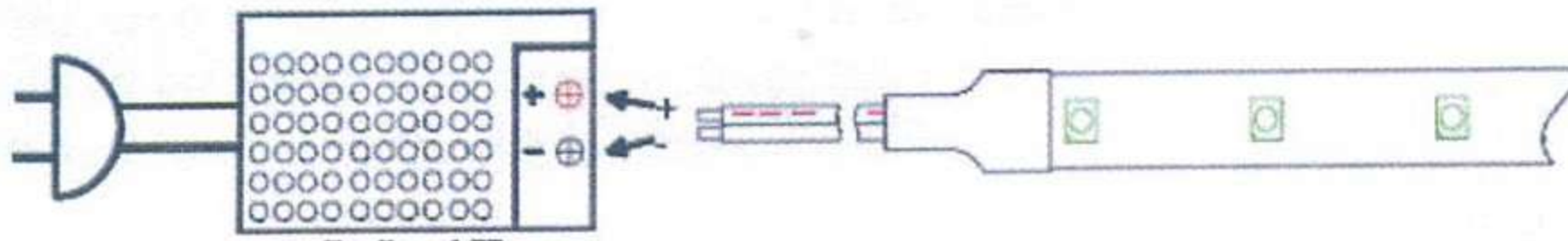
Connecting RGB LED Strip with power supply and LED Controller

REMARKS CONCERNING MAINTENANCE

Use dry delicate cloth for cleaning.

Switch off the strip light, prior to cleaning and make sure that the plug is pulled out of the outlet.

Please wait until the lamp cools down in case it is heated.

Never immerse the lamp in the water or any other liquid.

During cleaning, follow the general safety rules and always be careful.

REMARKS CONCERNING SAFETY

LED Strips with rating IP20 are designed only and exclusively for indoor use and should be protected against dust, pollution and moisture.

LED Strips with rating IP65 can be used indoors as well as outdoors. (Outside using temperature -20°C to + 40°C)

The product should be safeguarded from children and in any case, should not be the subject of play.

If the product is damaged, it should not be used. (Advisably for recycling).

To be used for indirect lighting/architectural purpose only.

Not to be used for sign boards/advertisement boards.

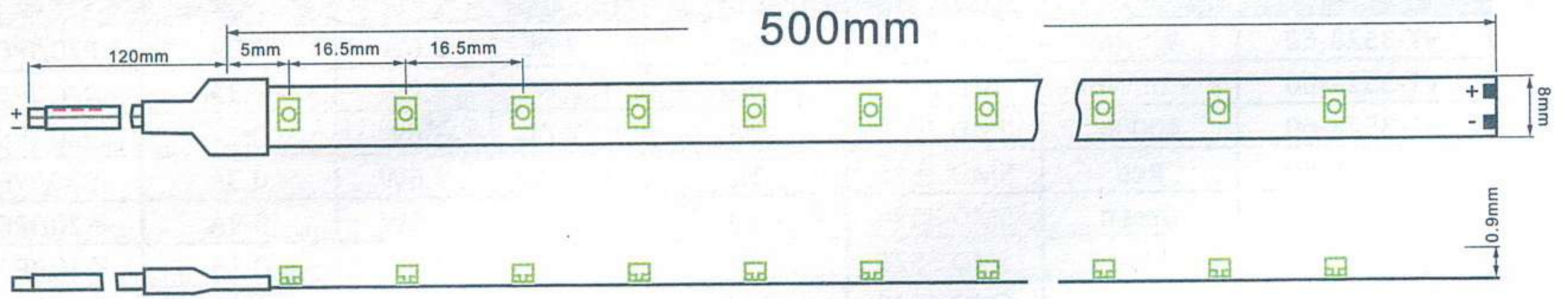Not to be used with any fabric/cloth material.

The manufacturer is not responsible for any damage arisen from not following safety instructions or misuse of product.

In case of any query/issue with the product please reach out to us at support@vtacexports.com

V-TAC®
INNOVATIVE LED LIGHTING

Model		LED Type	LED Quantity/M	Voltage (V)	Watt/M	Current/M	IP Rating	Beam Angle
VT-3528-60	White	SMD 3528	60	12V DC	3.6W	0.3A	IP20/IP65	120°
VT-3528-60	Warm White	SMD 3528	60	12V DC	3.6W	0.3A	IP20/IP65	120°
VT-3528-60	4000K	SMD 3528	60	12V DC	3.6W	0.3A	IP20/IP65	120°
VT-3528-60	Red	SMD 3528	60	12V DC	3.6W	0.3A	IP20/IP65	120°
VT-3528-60	Green	SMD 3528	60	12V DC	3.6W	0.3A	IP20/IP65	120°
VT-3528-60	Blue	SMD 3528	60	12V DC	3.6W	0.3A	IP20/IP65	120°
VT-3528-120	White	SMD 3528	120	12V DC	7.2W	0.6A	IP20/IP65	120°
VT-3528-120	Warm White	SMD 3528	120	12V DC	7.2W	0.6A	IP20/IP65	120°
VT-3528-120	4000K	SMD 3528	120	12V DC	7.2W	0.6A	IP20/IP65	120°
VT-3528-120	Blue	SMD 3528	120	12V DC	7.2W	0.6A	IP20/IP65	120°
VT-3528-120	Red	SMD 3528	120	12V DC	7.2W	0.6A	IP20/IP65	120°
VT-5050-30	White	SMD 5050	30	12V DC	4.8W	0.4A	IP20/IP65	120°
VT-5050-30	Warm White	SMD 5050	30	12V DC	4.8W	0.4A	IP20/IP65	120°
VT-5050-30	4000K	SMD 5050	30	12V DC	4.8W	0.4A	IP20/IP65	120°
VT-5050-30	Red	SMD 5050	30	12V DC	4.8W	0.4A	IP20/IP65	120°
VT-5050-30	Green	SMD 5050	30	12V DC	4.8W	0.4A	IP20/IP65	120°
VT-5050-30	Blue	SMD 5050	30	12V DC	4.8W	0.4A	IP20/IP65	120°
VT-5050-30	RGB	SMD 5050	30	12V DC	4.8W	0.4A	IP20/IP65	120°
VT-5050-60	White	SMD 5050	60	12V DC	10.8W	0.9A	IP20/IP65	120°
VT-5050-60	Warm White	SMD 5050	60	12V DC	10.8W	0.9A	IP20/IP65	120°
VT-5050-60	4000K	SMD 5050	60	12V DC	10.8W	0.9A	IP20/IP65	120°
VT-5050-60	Red	SMD 5050	60	12V DC	10.8W	0.9A	IP20/IP65	120°
VT-5050-60	Green	SMD 5050	60	12V DC	10.8W	0.9A	IP20/IP65	120°
VT-5050-60	Blue	SMD 5050	60	12V DC	10.8W	0.9A	IP20/IP65	120°
VT-5050-60	RGB	SMD 5050	60	12V DC	10.8W	0.9A	IP20/IP65	120°
VT-5050-60	RGB+W	SMD 5050	60	12V DC	10.8W	0.9A	IP20/IP65	120°
VT-5050-60	RGB+WW	SMD 5050	60	12V DC	10.8W	0.9A	IP20/IP65	120°
VT-5050-60	RGB+4000K	SMD 5050	60	12V DC	10.8W	0.9A	IP20/IP65	120°
VT-5050-60	Yellow	SMD 5050	60	12V DC	10.8W	0.9A	IP20/IP65	120°
VT-3014-204	White	SMD 3014	204	12V DC	18W	1.5A	IP20	120°
VT-3014-204	Warm White	SMD 3014	204	12V DC	18W	1.5A	IP20	120°
VT-3014-204	4000K	SMD 3014	204	12V DC	18W	1.5A	IP20	120°
VT-2835-204	White	SMD 2835	204	12V DC	18W	1.5A	IP20	120°
VT-2835-204	Warm White	SMD 2835	204	12V DC	18W	1.5A	IP20	120°
VT-2835-204	4000K	SMD 2835	204	12V DC	18W	1.5A	IP20	120°
VT-5050-60-24	White	SMD 5050	60	24V DC	9W	0.375A	IP20	120°
VT-5050-60-24	Warm White	SMD 5050	60	24V DC	9W	0.375A	IP20	120°
VT-5050-60-24	4000K	SMD 5050	60	24V DC	9W	0.375A	IP20	120°

REMARKS

(1) IP 20 Can be used only indoors.

(2) IP 65 Can be used only indoors as well as outdoors (Not for signage use).

BOOK-A

V-TAC®

INNOVATIVE LED LIGHTING

VT-3528-60

500mm

120mm 5mm 16.5mm 16.5mm 8mm 0.9mm

VT-3528-120

500mm

120mm 3.5mm 8mm 8mm 10mm 0.9mm

VT-3014-204

500mm

120mm 4mm 5mm 5mm 10mm 1.2mm

VT-5050-30

500mm

120mm 14mm 33.5mm 33.5mm 10mm 1.7mm

VT-5050-60

500mm

120mm 6.5mm 16.5mm 16.5mm 10mm 1.7mm

V-TAC®
INNOVATIVE LED LIGHTING
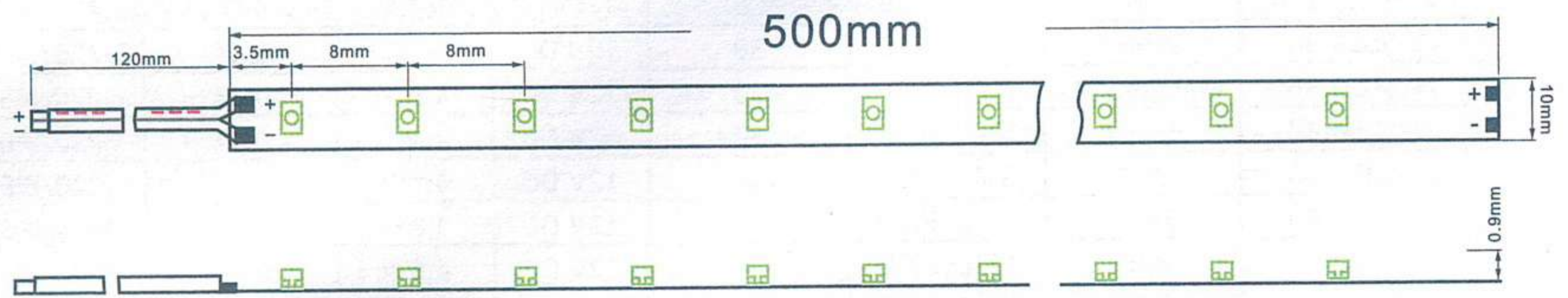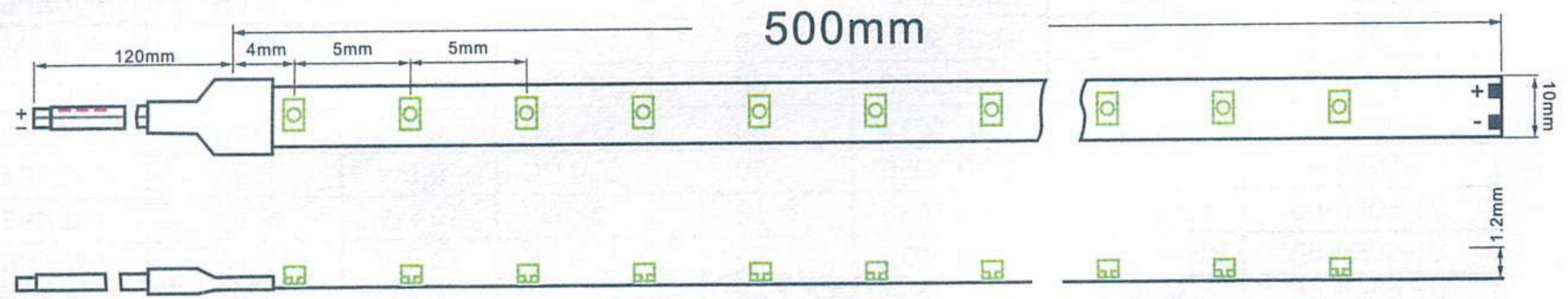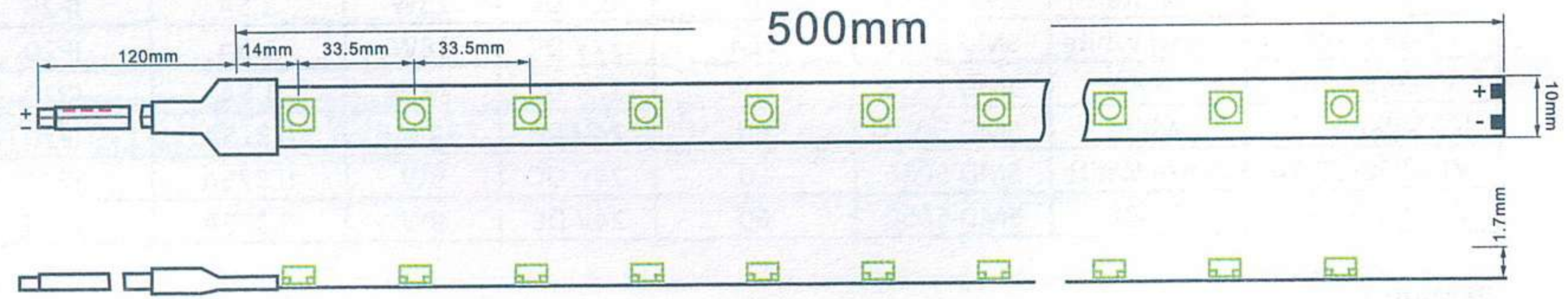
WEEE Number: 80133970
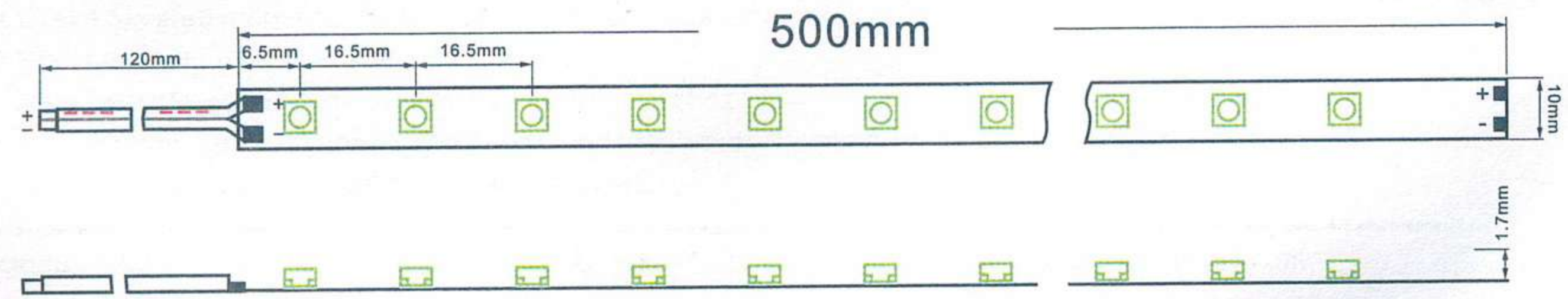
INSTALLATION INSTRUCTION

WIFI STRIP CONTROLLER

V-TAC SMART LIGHT
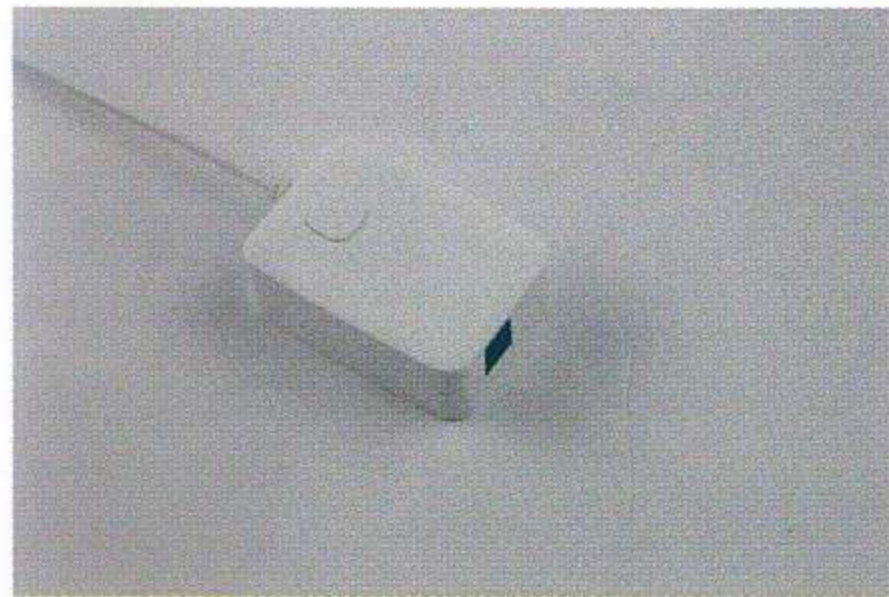
2 YEAR WARRANTY*

INTRODUCTION & WARRANTY

Thank you for selecting and buying V-TAC LED Lighting. V-TAC will serve you the best. Please read these instructions carefully before starting the installation and keep this manual handy for future reference. If you have any other query, please contact our dealer or local vendor from whom you have purchased the product. They are trained and ready to serve you at the best.

The warranty is valid for 2 years from the date of purchase. The warranty does not apply to damage caused by incorrect installation or abnormal wear and tear. The company gives no warranty against damage to any surface due to incorrect removal and installation of the product. The products are suitable for 10-12 Hours Daily operation. Usage of product for 24 Hours a day would void the warranty. This product is warranted for manufacturing defects only.

V-TAC®
INNOVATIVE LED LIGHTING

SAFETY WARNING

1) Lamps are limited to indoor use and are not advisable for use in humid environment
2) Lamps and lanterns cannot be installed on the surface of ordinary combustible materials. Increase in temperature is normal for lamps.
3) Do not exert external force or throw on the lamp.
4) Lamps should be stored in cool/dry place. Always make sure the environment is clean before installing the lamp.
5) Do not discard the lamps with regular trash. Lamps are made with electronic components and should be properly disposed at designated locations with unified treatment like traditional electronic equipment.

INSTALLATION

Step1: Connect the adaptor,controller and strip as per the below diagram

Step2: Scan the given QR code, or download 'V-TAC Smart Light' from the App Store (iOS) or the Google Play Store (Android).

CONNECTION DIAGRAM

Adaptor — Wi-Fi Controller — LED Strip

For iOS

For Android

V-TAC®
INNOVATIVE LED LIGHTING

Step3: Open the V-TAC Smart Light app and register.

V-TAC Smart Light

Login

Register

Step4: Select the country, then enter your mobile number. Once done, tap 'Next'.

< Back   Register

United Kingdom   +44 >

Mobile Number/E-mail

Next

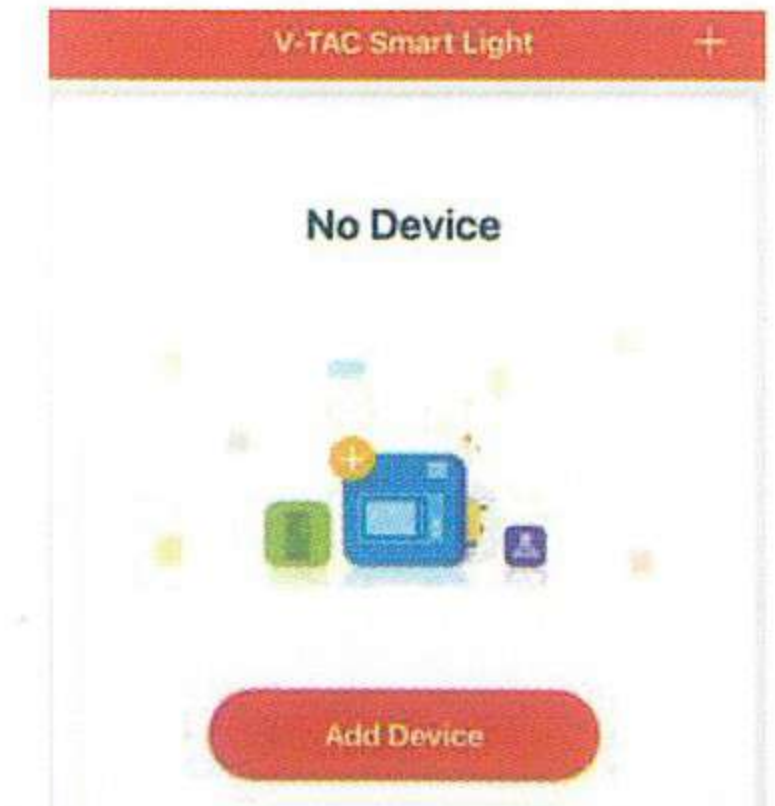**Step5:** Enter the verification code which will be sent to your mobile number, then assign a new password to your account.

< Back   Register

Verification code is sent to your phone:
+44 wwee

Verification Code   Get

Please Input Password

Confirm

Step6: Tap on 'Add Device' or the + sign. Make sure the lamp is switched on.

V-TAC Smart Light   +

No Device

Add Device

Step7: Choose 'Lighting Devices' to start pairing the the lamp to the app.

Cancel   Select Device Type

Scanning Nearby Equipment ...

- Electrical Outlet >
- Lighting Devices >
- Smart Camera >

Step8: To pair the device with lamp make sure the light is blinks rapidly.

Once the light blinks rapidly, the lamp is successfully paired. If the bulb is not blinking rapidly, you can do one of the following steps:
A. Switch the bulb on & off repeatedly for 3 times, with short intervals of less than 2 seconds.
B. Tap the 'How to make light blink rapidly' link(as shown in the image)

Network Modes:

1) EZ Mode: Light flashes twice per second
2) AP mode: Slow flash, once every 2 seconds

On the "Add device" page, confirm whether the bulb is on EZ mode. If not, you can switch to EZ mode by a switchig the device on three times.

Confirm if the light blinks rapidly, select the WiFi network, and enter the password.

< Back   Add Device   AP Mode

Power on the light and confirm that light blinks rapidly
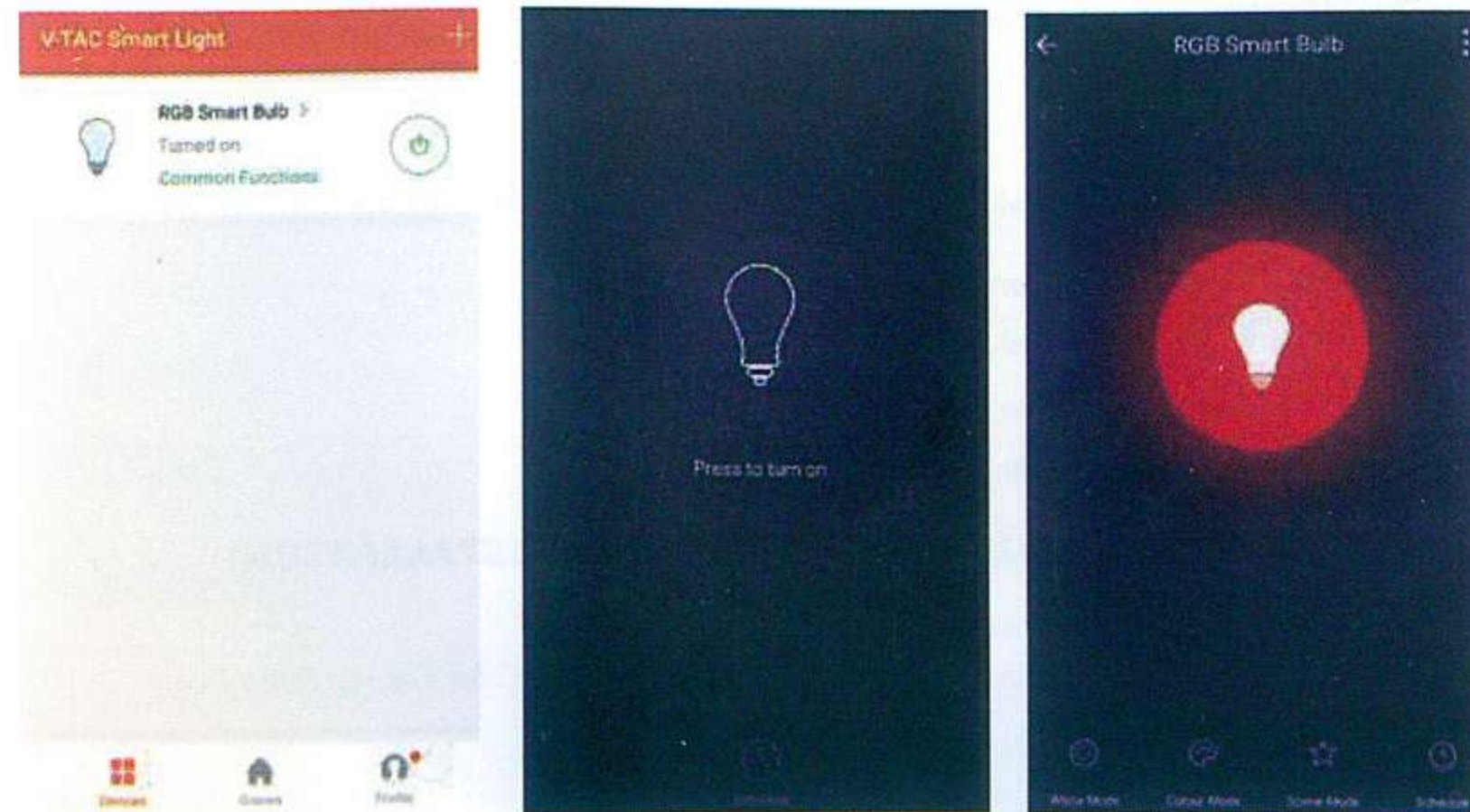
Enter Wi-Fi Password

How to make light blinks rapidly

Confirm light blinks rapidly

Step9: You will redirected to this screen as shown below. Wait until the device finishespairing.

Step10: Once your device is successfully added, rename the device to your preference.

Connecting Now

3%

Make sure your phone and device are as close to your router as possible.

○ Searching for Device
○ Registering device to the cloud
○ Initializing your Device

Adding device succeeded.

light

Living Room   Master Ra...   Second Be...
Dining Ra...   Kitchen   Study Room

Done

Step11: After successfully pairing the bulb with the app, you can start controlling multiple features of the bulb through your mobile— on/off switch, changing the colour temperature, timing & schedules, dimming options, and more.
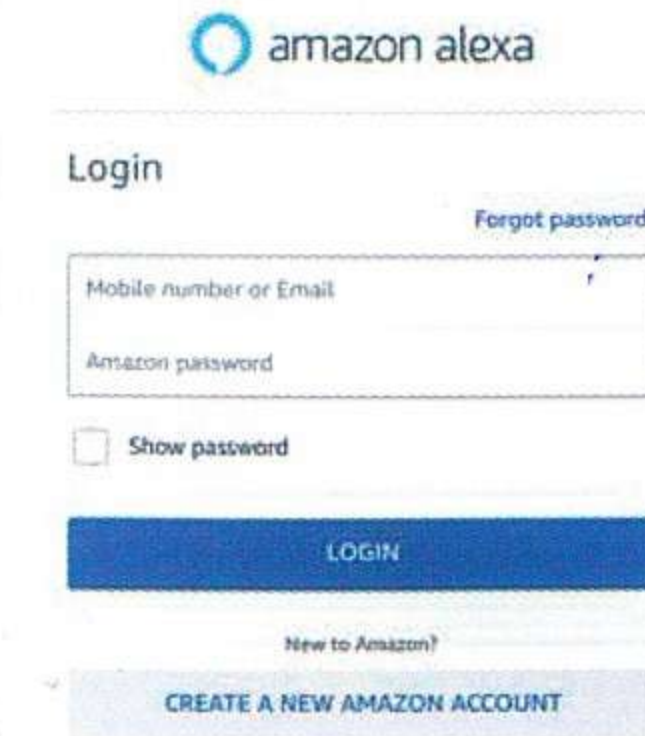
V-TAC Smart Light

RGB Smart Bulb >
Turned on
Common Functions

RGB Smart Bulb

Press to turn on

ALEXA SETTINGS

Step1: Install theAmazon Alexa app via the App Store (iOS) or the Play Store (Android) and register. If you already have an existing account with Amazon Alexa, please proceed to logging in.

Step2: Once you are on the Amazon Alexa home page, click on the lower right icon — where the arrow is pointed— to add a new device and skill.

amazon alexa

Login   Forgot password?

Mobile number or Email

Amazon password

☐ Show password

LOGIN

New to Amazon?

CREATE A NEW AMAZON ACCOUNT

A New Way to Manage Devices

Set up and control Alexa and smart home devices in one convenient place

NEXT

Step3: Tap 'Your Smart Home Skills' to proceed with adding new skills.

Step4: Search for 'Smart Life' on the Skills page's search bar.

DEVICES

Echo & Alexa   Switches   All Devices

Add Device

Tap + to add a new Alexa or Smart Home device.

YOUR SMART HOME SKILLS

SMART LIFE

Smart life

- smart lifehacks
- smart life
- smart lifeapp

FOUND IN ALL CATEGORIES

Smart Life
Smart Home
★★★★★ 5

V-TAC® INNOVATIVE LED LIGHTING

Column 1

Step5: Enable the Skill.

SMART LIFE

Smart Life
Tuya Inc.
Rated: Guidance Suggested
★★★☆☆ 5

ENABLE

Account linking in progress

Step7: Select 'V-TAC Smart Light' and tap 'Link Now' to start linking the app to Amazon Alexa.

The following Apps all support skill. Please select an App to log in

Smart Life ✓

V-TAC Smart Light ✓

Link Now

Step6: If you have an existing Smart Life account, proceed with logging in. If not, tap register.

Done 🔒 pxy1.tuyaus.com ↻

English

🇺🇸 +1 | Phone Number/Email Address

Type your password here 👁

Link Now

Forgot Password   Help

Log in with other method

Message   Twitter

Column 2

Step8: Discover your smart device on Alexa. You can say"Alexa discover devices" to the Alexa device which you have. OR you can add new devices manually(As shown below). Once the device is discovered you can now control your smart device using Alexa.
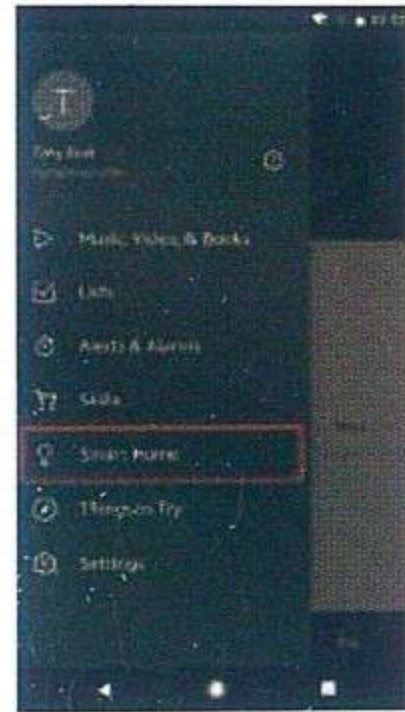
Note: Discovering the device must be done every time the device's name is changed on the app.

ALEXA Commands

Now, you can control your smart device using voice commands on Alexa. Below are a few commands you can use:

> ! *Alexa, turn on/off bedroom light.*
> ! *Alexa, set bedroom light to 50 percent.*
> ! *Alexa, set bedroom light to green.*
> ! *Alexa, set bedroom light to warm white.*

THINGS TO REMEMBER BEFORE STARTING INSTALLATION:

1. *V-TAC Smart Light App & Amazon Alexa App*
2. *Make sure you have Amazon Alexa Device(including Echo, Echo Tap, or Echo Dot)*
3. *Smart Device - Lamp*
4. *Stable Wifi network*

Column 3

GOOGLE HOME SETTINGS

Step1:
a&b) Install the Google Home app via the App Store (iOS) or the Play Store (Android) and register. If you already have an existing account with Google Home, please proceed to logging in.
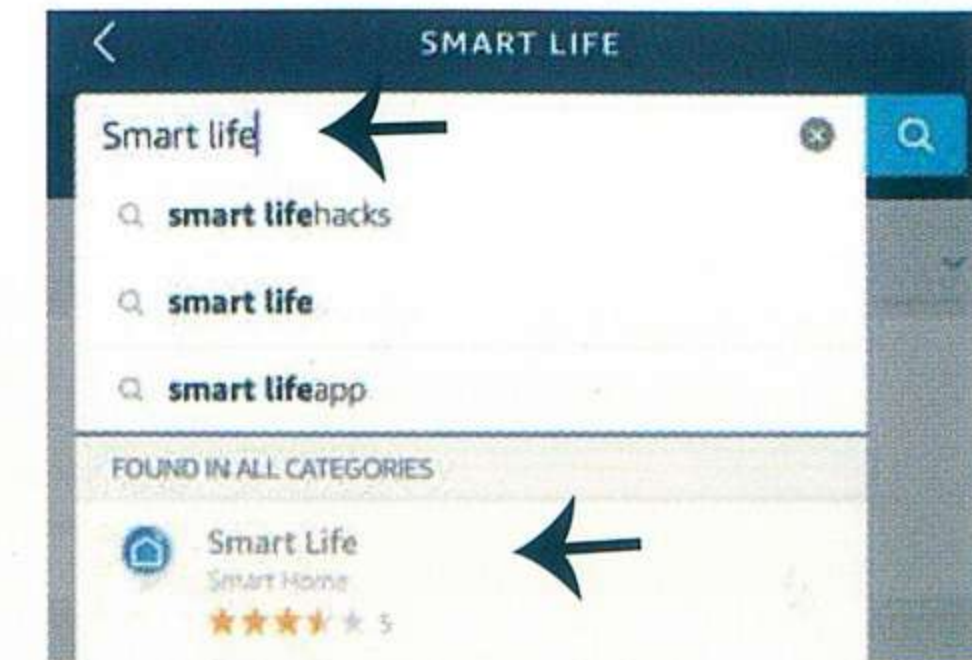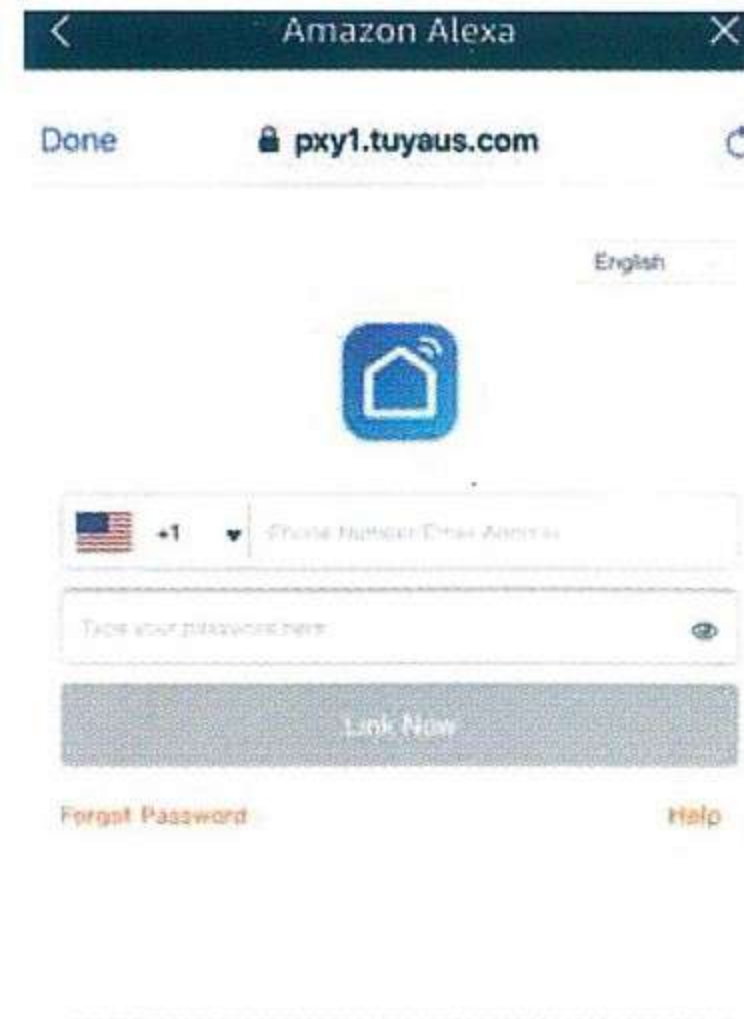c) Create a New Home/Choose from the existing home if any.
d) Power ON the Google Home device and connect it to the App.(Then Proceed to step 2)

a. Welcome home
Your content and devices all in one place

b. Choose account
This account will be used to personalize your experience

d. Plug in your device
Make sure your device is nearby and connected to power, then try again

c. Choose a home
You will be able to control the devices and services in this home.

GET STARTED >

Create another home

Step2: Once you are on the Google home page, click on the Add "+" icon– to add a new device and skill. And then click on Set up device as shown in below image.

a. **Office**
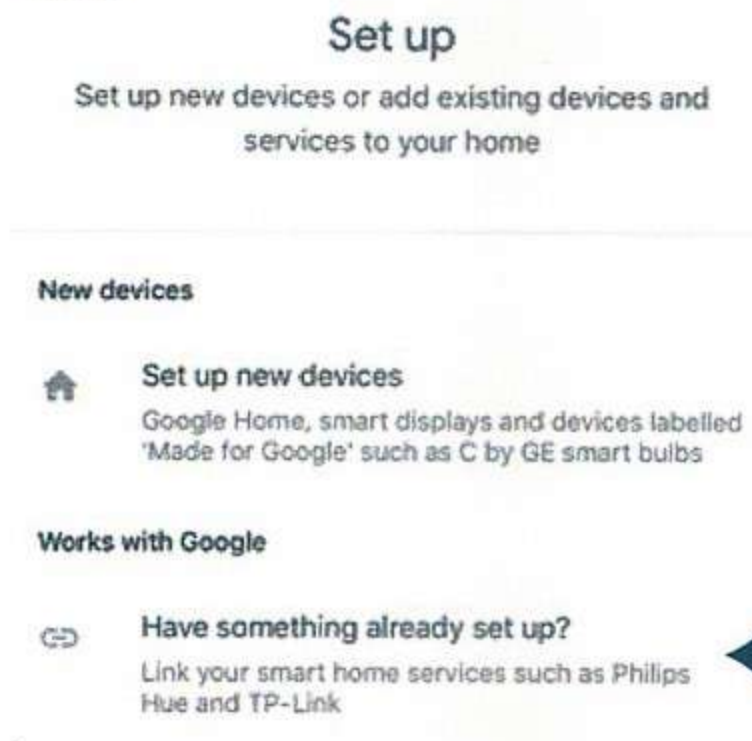
Play   Broadcast   Add   Settings

Office
1 device

Office Speaker
Pause

b. **Add to Home**

⊕ Set up device

+⊕ Add home member

⊡ Create speaker group

🏠 Create new home

Add services

♪ Music and audio

▭ Videos and photos

Step3: Make sure the Smart Bulb is paired with V-TAC Smart Light app before starting step 3.
Click on the arrow section as highlighted in the below image.

Set up
Set up new devices or add existing devices and services to your home

New devices

🏠 **Set up new devices**
Google Home, smart displays and devices labelled 'Made for Google' such as C by GE smart bulbs

Works with Google

🔗 **Have something already set up?**
Link your smart home services such as Philips Hue and TP-Link

Step4: Type "Smart Life" on the search bar and click on the icon of smart life as shown below.

✕   Smart life   ⚙   🔍

Add new

🏠 Smart Life

ᴀʀᴜɢᴏ   Smart Life for ARUGO

Step5: Sign In with your V-TAC Smart Light Login credentials to Link the Smart Light device

Done   🔒 pxy1.tuyaus.com   ↻

English ▾

🔵

🇬🇧 +44 ▾

Link Now

Forgot Password   Help

Step6: Sign In with your V-TAC Smart Light Login credentials to Link the Smart Light device

Done   🔒 pxy1.tuyaus.com   ↻

The following Apps all support action. Please select an App to log in

Smart Life   ⚪

V-TAC Smart Light   🔴

Link Now

Step7: Click on Authorize in order to proceed to linking the device.

Google will be able to:
Receive your public profile
Control your devices over internet

Authorize

Step9: Selec the Home where you would like to add the Smart Light under. (Or) you can create a New home in order to add the Smart Light to it.

Choose a home
You will be able to control the devices and services in this home.

🔵 Smart-Home
🟢 Office
🟢 Smart Home
➕ Create another home
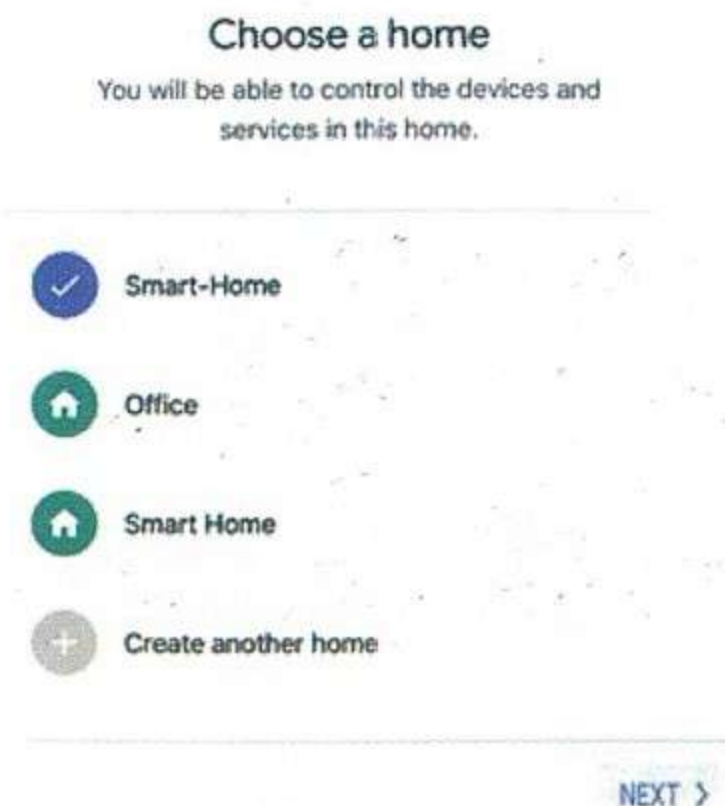
NEXT ❯

Step8:
a. Account will now be linked, please stay on the page you will be redirected in few seconds to select the device to add to your home.
b. Select the device and click on Next

a. Done   🔒 assistant.google.com   ↻
   Account is now Linked

b. ✕   Choose device

   💡✓
   home light
   Light

NEXT ❯

Step10: You have succesfully added Smart Light device to your Google home App.

Smart-Home ▾

🚫   💡   ➕   ⚙
Off   On   Add   Settings

Master bedroom
1 device

💡
home light
Off • On

Local devices
1 device

Office Speaker

NEXT ❯

Step11:
a. You can turn the Lamp On/OFF by clicking on On/Off options as shown below. (OR) You can tap on the Smart Lamp.
b. You will be redirected to page(as shown in image b) where you can control the lights Power and Dimming functionality.
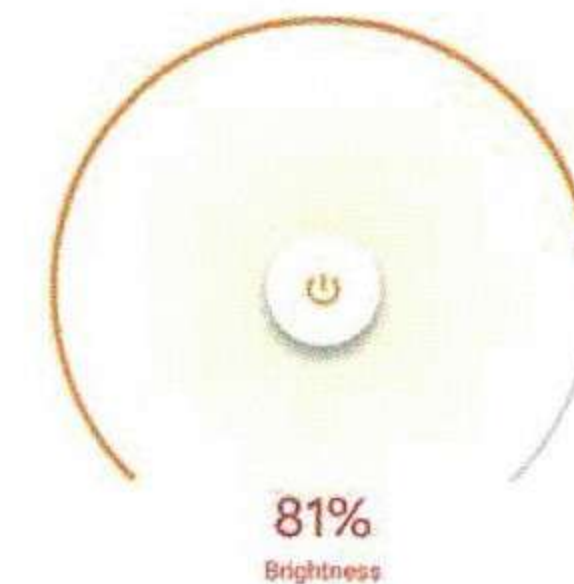
a. ### Smart-Home ▾

🚫   💡   ➕   ⚙
Off   On   Add   Settings

Master bedroom
1 device

💡
home light
Off • On

Local devices
1 device

Office Speaker

b. ### home light
Master bedroom

⏻

81%
Brightness

Google Commands:
Now, you can control your smart device using voice commands on Google Home. Below are a few commands you can use:

➢! *OK Google, turn on/off bedroom ligh*
➢! *OK Google, set bedroom light to 50 percent.*
➢! *OK Google, set bedroom light to green.*
➢! *OK Google, set bedroom light to warm white.*

THINGS TO REMEMBER BEFORE STARTING INSTALLATION:

1. V-TAC Smart Light App & Google Home App
2. Make sure you have Google Home Device
3. Smart Device - Lamp
4. Stable Wifi network