V-TAC
Meaningful Innovation.

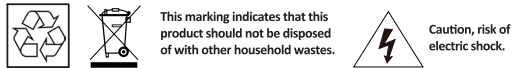## INSTRUCTION MANUAL
LED SMART STRIP KIT

TECHNICAL DATA

MODEL	VT-5050
MODULE VOLTAGE	DC-12V, 50Hz
MODULE LUMENS	1200LM (5PX5M 360°)
BEAM ANGLE	120°
CURRENT	1250mA
MODULE CURRENT	2100mA
POWER	15W
MODULE POWER	15W
LED TYPE	SMD 5050+2835+1835
LED QTY	90 LEDs/M
IP RATING - LED STRIP	IP65
IP RATING - POWER ADAPTER / CONTROLLER	IP20
INPUT POWER	AC 220-240V, 50Hz
WIRE LENGTH	1M
MATERIAL	PU glue

WORKS WITH
Ok Google
alexa

02 SMART
WARRANTY

INTRODUCTION & WARRANTY

Thank you for selecting and buying V-TAC SMART 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.

This marking indicates that this product should not be disposed of with other household wastes.

Caution, risk of electric shock.

SAFETY WARNING

1. Please cut the LED Smart Striplight according to the cutting as shown in the instructions. Cutting outside the marking will damage the product. Please cut only on the dotted/scissor marking on the LED Smart Strip light
2. LED Smart Strip Light cannot be folded, bent or twisted during the installation. Please install in a straight direction. DO NOT turn on power until LED light is connected properly and well-installed.
3. DO NOT touch/cut the LED Smart Striplight when power is on.
4. DO NOT power the LED Smart Striplight in roll/package.
5. DO NOT install in a flammable environment, and make sure the light is well ventilated.
6. DO NOT wrap or cover LED Smart Striplight with any objects. NOT suitable for outdoor use
7. DO NOT directly connect LED Smart Light to AC power. Special power plug is needed (*power plug included)
8. LED Smart Strip Light are limited to indoor use and are not advisable for use in humid environment
9. LED Smart Strip Light cannot be installed on the surface of ordinary combustible materials. Increase in temperature is normal for LED Smart Strip Lights.
10. Do not exert external force or throw on the LED Smart Strip Light.
11. LED Smart Strip Light should be stored in cool/dry place. Always make sure the environment is clean before installing the LED Smart Strip Lights.
12. Do not discard the light with regular trash. LED Smart Strip Light are made with electronic components and should be properly disposed at designated locations with unified treatment like traditional electronic equipment.
13. Please make sure to turn off the power before starting the installation.
14. Installation must be performed by a qualified electrician.
15. The light source of this luminaire is not replaceable, when the light source reaches its end of life the whole luminaire should be replaced.
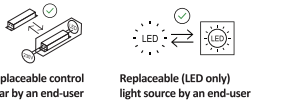
Note: This product contains a light source of energy efficiency class<F>.

Replaceable control gear by an end-user

Replaceable (LED only) light source by an end-user

IMPORTANT INSTRUCTIONS & FUNCTIONS

HOW TO CONNECT CONTROLLER WITH STRIPLIGHT

1. Remote control and Wifi controller function only can be used after setting with the application is complete
2. Please turn off the power before starting the installation.
3. When connecting the Wifi Controller to the striplight please ensure to connect the arrow marking side of the controller to the striplight displayi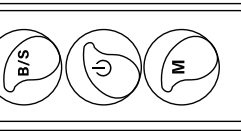ng 12V. Please refer to the image below. For further installation steps please refer to the instruction manual section "INSTALLATION ".
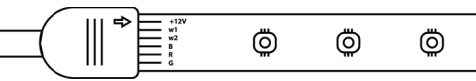
WIFI CONTROLLER FUNCTIONS

1. IMPORTANT NOTE: Wifi controller functions can only be used after successfully pairing the striplight with V-TAC Smart Light APP.
2. The Wifi controller allows alternative method of enabling the controller into pairing mode for connecting with the APP. Press and hold the ON/OFF button for 7 seconds and wait for 3-5 seconds till you observe the light flashing. If the light flashes rapidly the controller is in Smart pairing mode OR if the light flashes slowly the controller is in AP pairing mode. To switch the pairing mode from the Smart mode to AP mode or vice versa please press and hold the ON/OFF button on the controller for 7 seconds.

Please refer to "APP INSTALLATION" instructions from the manual for further pairing process.

Brightness Adjustable
Tap to increase/ decrease the brightness

1. ON/OFF
2. Enable pairing mode (Alternative method)

Scene Mode(Tap to switch between different scene modes).

### REMOTE CONTROL FUNCTIONS

HOW TO CONNECT WITH STRIPLIGHT

IMPORTANT NOTE:
1. Remote control functions can only be used after successfully pairing the striplight with V-TAC Smart Light APP.
2. Once the pairing has been successfull you can use the remote control even when your phone is powered off OR if the app has been deleted by mistake OR if the wifi has been disabled / switched off / restarting.
3. "CT+" and "CT-" : These buttons allow you to step by step switch from 3000K to 6500K. Tap on CT+ until you reach 6500K output and tap on CT- until you reach 3000K. This features allows you to set desired color temperature ranging from 3000K to 6500K. Thus allowing you to set 4000K temperature as well.
4. Memory function: It ensures the last used color/brightness/mode is used after you switch OFF and ON the light.

Remote Control Functions

ON/OFF		Red	
Increase Brightness		Blue	
Decrease Brightness		Green	
Switch Scene Modes		Cool White	
Step by Step switch from 3000K(CT-) - 6500K(CT+)		Warm White	
		Return Key	
		Multiple Color options	

INSTALLATION

Step 1: Connect the adaptor, controller and strip light as per below diagram.

WIFI CONTROLLER
ADAPTER
12V DC MALE CONNECTOR
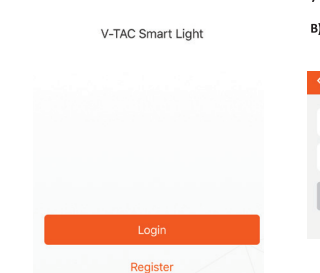< 5000 MM >
< 125 MM >
5 / METER
STRIP LIGHT
< 5 METER >
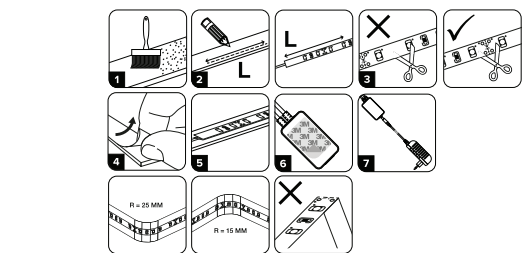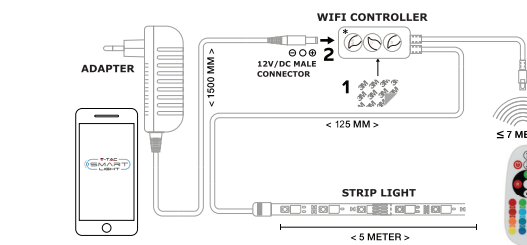
APP INSTALLATION

Step 2: Scan the given QR code, or download "V-TAC Smart Light' from the App Store (IOS) or the Google Play Store (Android).
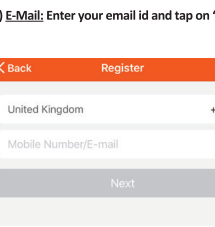
For ANDROID   For IOS

Step 3: Open the V-TAC Smart Light app and tap on register for creating a new account.
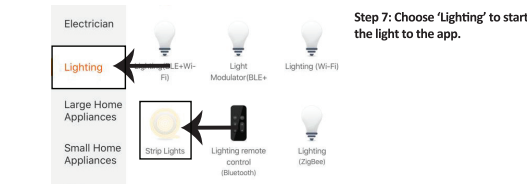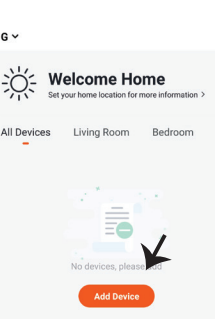
V-TAC Smart Light

Login

Register

Step 5: Enter the verification code which will be sent to your mobile number/email id, then assign a new password to your account and tap on "Confirm".

< Back   Register

Verification code is sent to your phone:
+44-xxxxx

Verification Code

Please Input Password

Confirm
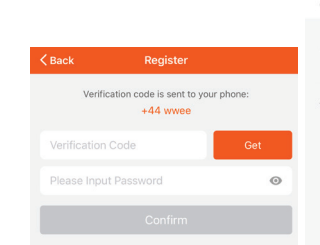
Step 4:
A) Mobile Number: Select the country, then enter your mobile number. Once done, tap 'Next'.
B) E-Mail: Enter your email id and tap on 'Next'.

< Back   Register

United Kingdom   +44

Mobile Number/E-mail

Next

Step 6: Tap on 'Add Device' or the + sign. Make sure the lamp is switched on.

Welcome Home
Set your home location for more information >

All Devices   Living Room   Bedroom

Add Device

Step 7: Choose 'Lighting' to start pairing the light to the app.

Lighting

Electrician

Lighting (BLE+Wi-Fi)

Large Home Appliances

Small Home Appliances

Step 8: To pair the device with LED Smart Strip Light make sure the light is blinks rapidly. Once the light blinks rapidly, click the light in pairing mode. If the light is not blinking rapidly, you can do one of the following steps:
A. Switch the light 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 on the image to the right)
C. You can also enable pairing mode from the Wi-Fi controller. Press and hold the ON/OFF button for 5-7 seconds and wait till you observe the light flashing. Please refer to the instruction section "WI-FI CONTROLLER FUNCTIONS"

Network Modes:
1) EZ Mode: Light flashes rapidly.
2) AP mode: Slow flash, once every 2 seconds.
Confirm if the light blinks rapidly, select the Wi-Fi network, and enter the password.

Select 2.4 GHz Wi-Fi Network and enter password.
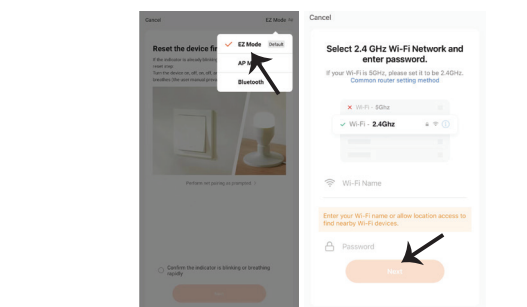
Step 9: Once you have successfully completed step 8, you will be redirected to below page, where the App searches, registers and initializes the device(lamp) (ref image below)

Device added successfully
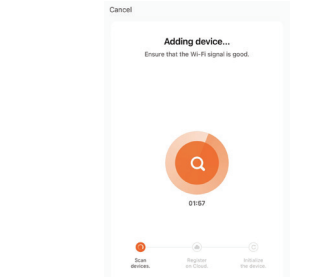
Step 10: Once your device is successfully added, rename the device to your preference.
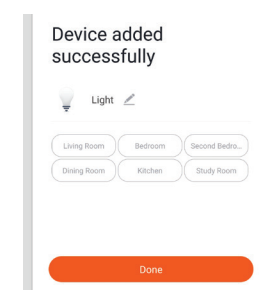
Step 11: After successfully pairing the Wi-Fi receiver with the app, you can start controlling multiple features of the lamp through your mobile-- on/off switch, timing & schedules, and more.
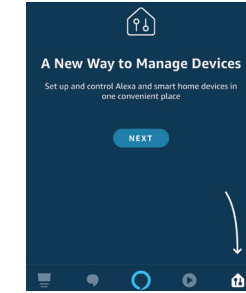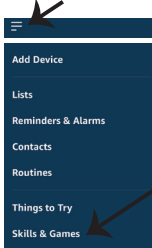
Color White   Color White
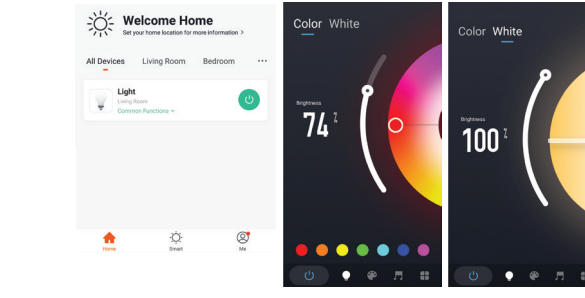
Step1: Install the Amazon Alexa app via the App Store(iOS) or the Play Store (Android) and register. If you already have an existing account with Amazon Alexa, please proceed to logging in.
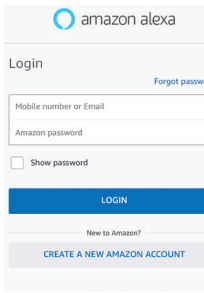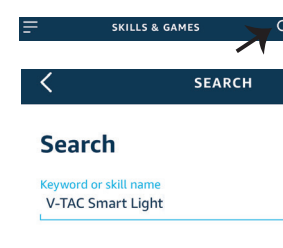
Step2: Once you are on the Amazon Alexa home page, tap on the lower right icon — where the arrow is pointed— to add a new device and skill.

Step9: Discover your smart device on Alexa. Once you have enabled the skill
A) You can use voice command "Alexa discover devices" to the Alexa device which you have.

B) To add device manually on home page tap on [+] and tap on Add device , select the device which you are adding and tap on discover device.

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 your smart home devices in one convenient place

NEXT

Step5: Enable the Skill.

ENABLE

Account linking in progress

Step6: Enter your V-TAC Smart Light login ID and password and tap on "Link Now"

Phone Number/Email Address

Type you password here

Link Now

Forget Password   Help

Add Device
Lists
Reminders & Alarms
Contacts
Routines
Things to Try
Skills & Games

Amazon Echo
Light
Plug
Switch
Hub
Thermostat
Speaker

Step3: Tap on [⚙] settings and tap on "skills and games" as shown below.

Add Device
Lists
Reminders & Alarms
Contacts
Routines
Things to Try
Skills & Games

Step4: Search for V-TAC Smart Light on the "Skills & Games" page as shown below.

SKILLS & GAMES

SEARCH

Search

Keyword or skill name

V-TAC Smart Light
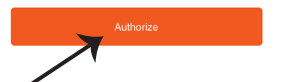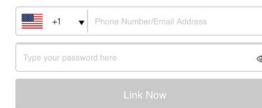
Step7: Once you tap on Link Now, you will be redirected to a new page requesting for authorization(Ref Image below). Tap on "Authorize".

Step8: You will receive confirmation of the account being linked successfully (Ref Image below)

Alexa by Amazon will be able to:
Receive your public profile
Control your devices over internet

Authorize

Done   skills-store.amazon.in

amazon alexa

V-TAC has been successfully linked.
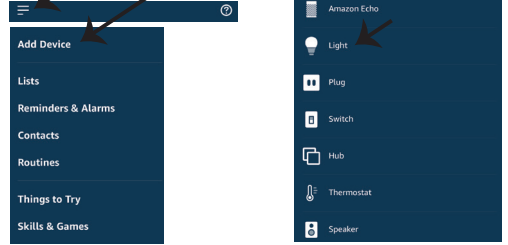
What to do next:
→ Close this window to discover smart home devices you can control with Alexa.

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.
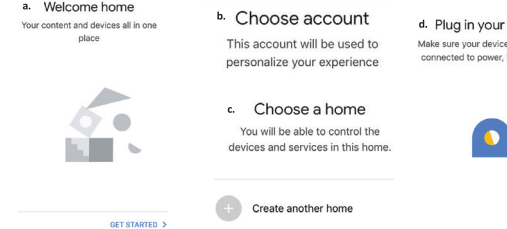Below are a few commands you can use:
➤1 Alexa, turn on/off bedroom light.
➤1 Alexa, set bedroom light to 50 percent.
➤1 Alexa, set bedroom light to green.
➤1 Alexa, set bedroom light to warm white.

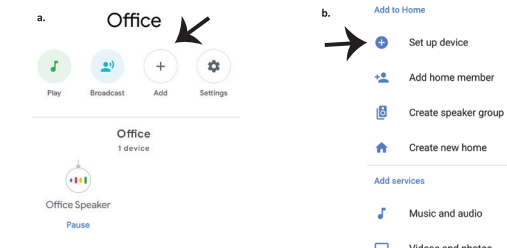## THINGS TO REMEMBER BEFORE STARTING INSTALLATION:
1. V-TAC Smart Light App & Amazon Alexa App
2. Make sure you have Amazon Alexa Device(including Echo, Echo Tap, or Echo Dot)
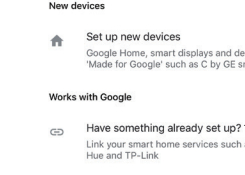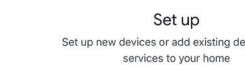3. Smart Device - Lamp
4. Stable Wifi network

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.
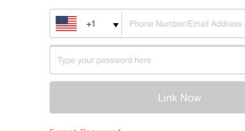d) Power ON the Google Home device and connect it to the App.(Then Proceed to step 2)

Set up

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

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

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

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

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

GET STARTED

Create another home

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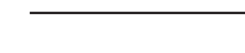
Office

Play   Broadcast   Add   Settings

Office
1 device

Office Speaker
Pause

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. Tap on the arrow section as highlighted in the below image.
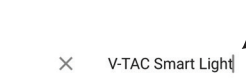
New devices

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 "V-TAC Smart Light" on the search bar and tap on the icon of "V-TAC Smart Light"

V-TAC Smart Light

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

Phone Number/Email Address

Type you password here

Link Now

Forget Password   Help

Step6: Tap 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
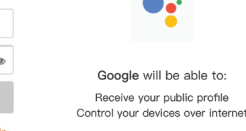
Step7:
a. Account will now be linked, please stay on the page you will be redirected in few seconds to select the device to add to your home.
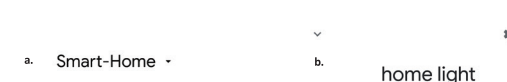b. Select the device and tap on Next as show in image b.

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

b. Choose device

home light
Light
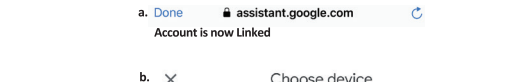
Step8: Select the Home where you would like to add the Smart Light under. (Or) you can create a New home in order to add the Smart Light to it.

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

Smart-Home
Office
Smart Home

Create another home
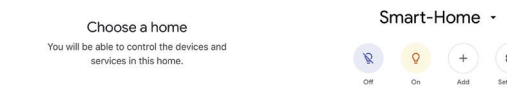
Step9: You have successfully added Smart Light device to your Google home App.

Smart-Home

Master bedroom

Home light
Off   On

Local devices
1 device

Office Speaker

Step10:
a. You can turn the Lamp On/OFF by taping 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 Dimmingfunctionality".

Smart-Home

Master bedroom

Home light
Off   On

Local devices
1 device

Office Speaker

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:
➤1 Ok, Google, turn on/off bedroom light
➤1 Ok, Google, set bedroom light to 50 percent.
➤1 Ok, Google, set bedroom light to green.
➤1 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