Add a Device Handler for Your SYLVANIA SMART+ Full Color Lights

This guide goes through how to add SYLVANIA SMART+ Full Color smart lighting products not currently supported by SmartThings.

Is Your Device Supported?

If you try to pair your SMART+ device to SmartThings, you may encounter the following display:



What this means is that SmartThings recognizes your ZigBee SMART+ light bulb, but doesn't know how to categorize it and what functionality to give it so you can control your light properly within the app. If you are experiencing this when trying to pair a SYLVANIA SMART+ product, then proceed with the following steps below to properly pair your products to your SmartThings set up.

Remove the Light from Your Set Up

If you attempt to pair your smart light and receive the above message, you must first remove the device from your SmartThings set up before proceeding.

To do this, navigate to My Home > Things > and tap on the device you just paired. From there, go to "Settings" in the upper right hand corner and select "Remove Device."

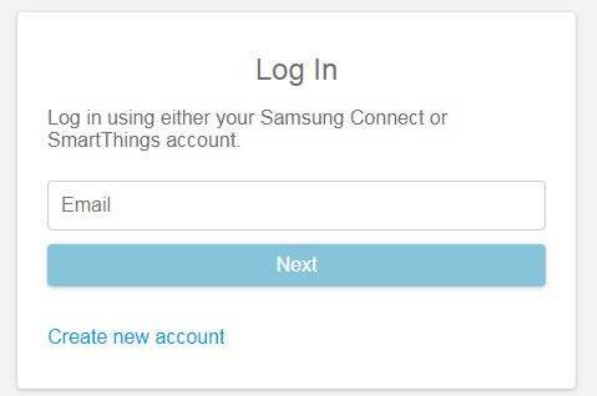
When removing a lighting product, it should blink to indicate the device has been successfully removed.

Adding the Code to the SmartThings IDE

The SmartThings IDE is a place where you can manage your SmartThings locations, hubs, and devices on your desktop. It is here you will need to copy and paste a piece of code in order to pair your SMART+ products not currently supported.

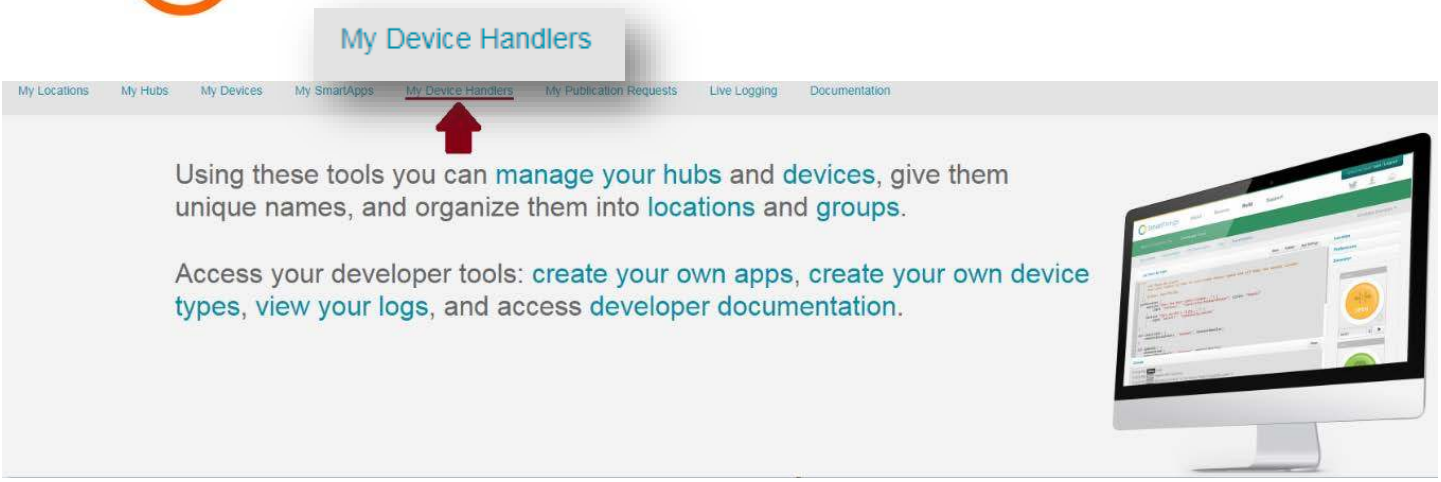
1

Navigate to https://graph.api.smartthings.com/ and login with your SmartThings account. This will be the same account information you use to log into your SmartThings mobile app.



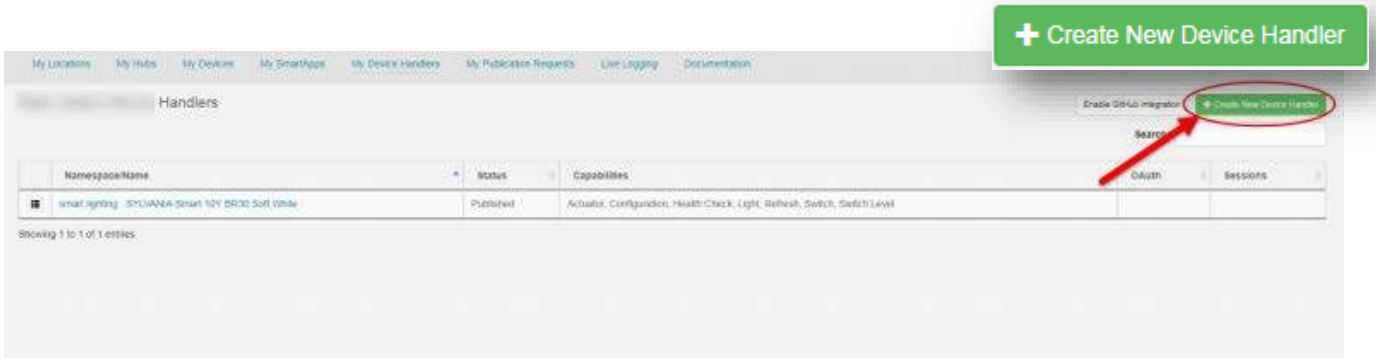
2

Once logged in, navigate to **My Device Handlers** at the top of the screen:

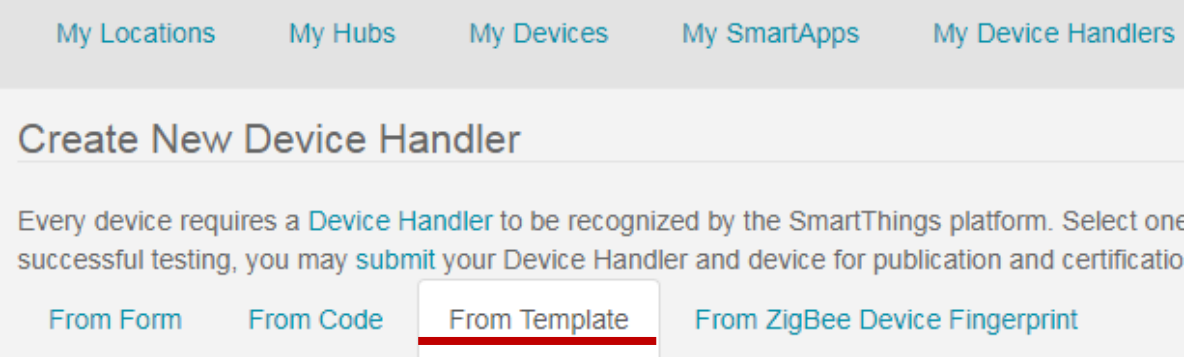


3

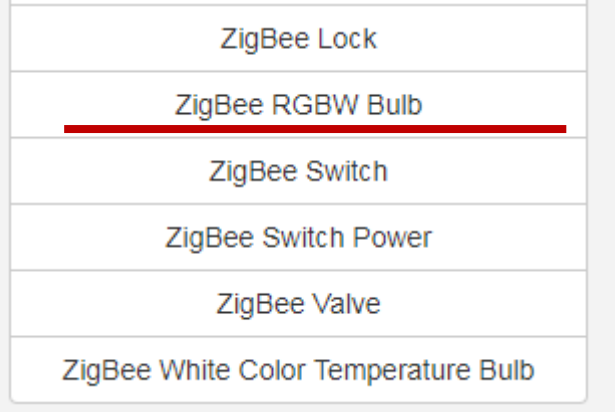
Click **Create New Device Handler** in the top right hand size of the screen.



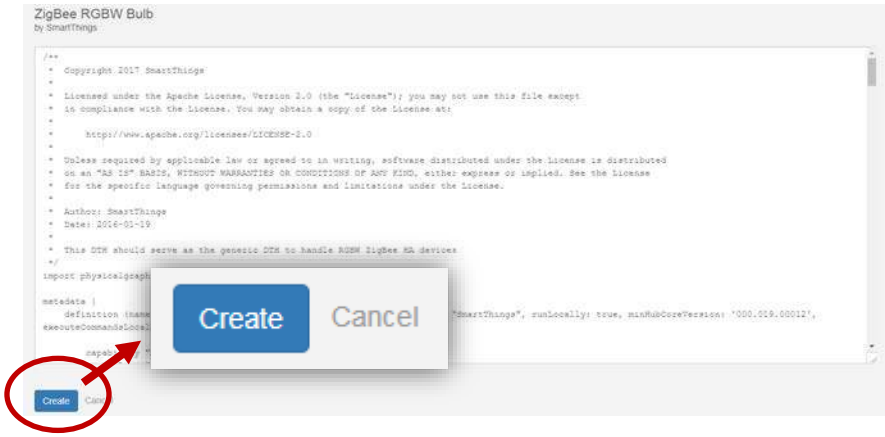
4 Select the **From Template** tab.



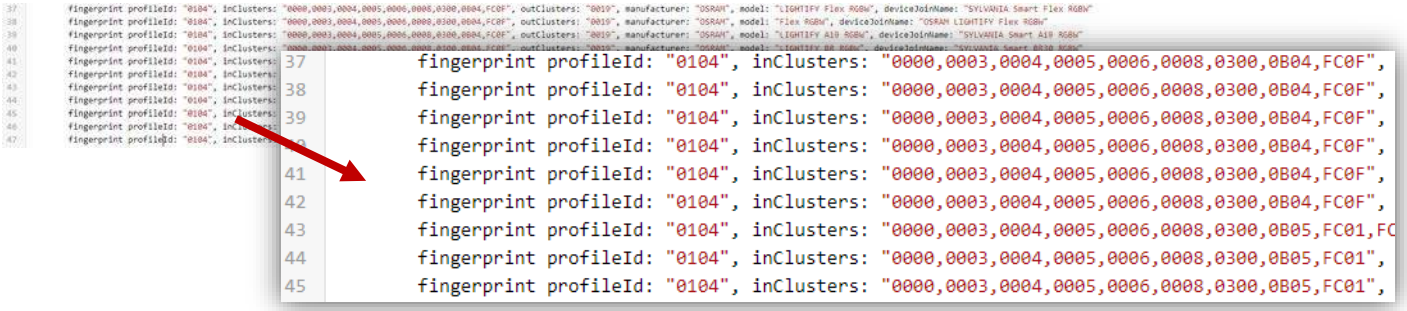
6 Scroll to the bottom of the page and select **ZigBee RGBW Bulb**:



7 Scroll back to the top and click **Create.**



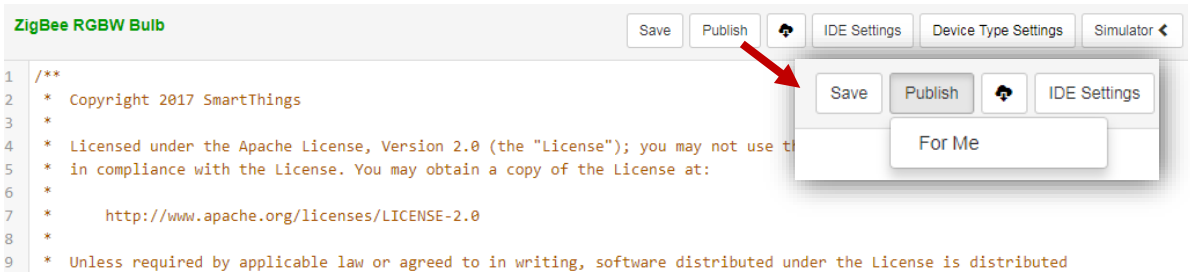
8 You will now be brought to a page where you can see the actual Device Handler code. Look for a group of lines that all begin with the words “fingerprint profileId,” starting around line 34. It will look similar to the code below.



9 You will be copying and replacing this entire section to include a new piece of code that will add in additional products not currently supported through SmartThings. Make sure each fingerprint is listed on a new line, but no line breaks are included elsewhere between code snippets. This code is listed below.

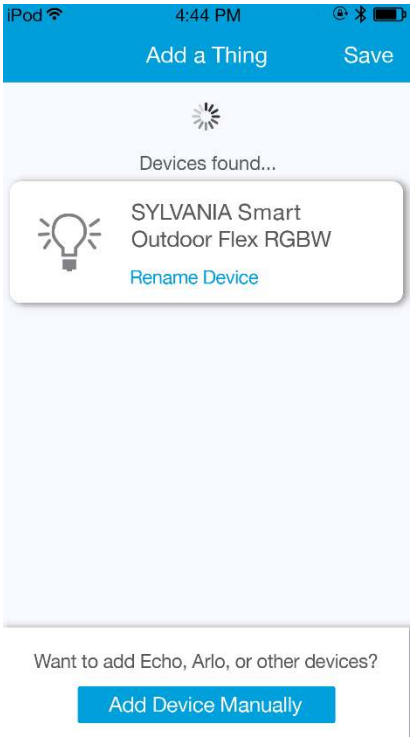
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fingerprint profileId: "0104", inClusters: 0000,0003,0004,0005,0006,0008,0300,0B04,FC0F",
outClusters: "0019", manufacturer: "OSRAM", model: "LIGHTIFY Flex RGBW", deviceJoinName:
"SYLVANIA Smart Flex RGBW"
fingerprint profileId: "0104", inClusters: 0000,0003,0004,0005,0006,0008,0300,0B04,FC0F",
outClusters: "0019", manufacturer: "OSRAM", model: "Flex RGBW", deviceJoinName: "OSRAM
LIGHTIFY Flex RGBW"
fingerprint profileId: "0104", inClusters: 0000,0003,0004,0005,0006,0008,0300,0B04,FC0F",
outClusters: "0019", manufacturer: "OSRAM", model: "LIGHTIFY A19 RGBW", deviceJoinName:
"SYLVANIA Smart A19 RGBW"
fingerprint profileId: "0104", inClusters: 0000,0003,0004,0005,0006,0008,0300,0B04,FC0F",
outClusters: "0019", manufacturer: "OSRAM", model: "LIGHTIFY BR RGBW", deviceJoinName:
"SYLVANIA Smart BR30 RGBW"
fingerprint profileId: "0104", inClusters: 0000,0003,0004,0005,0006,0008,0300,0B04,FC0F",
outClusters: "0019", manufacturer: "OSRAM", model: "LIGHTIFY RT RGBW", deviceJoinName:
"SYLVANIA Smart RT5/6 RGBW"
fingerprint profileId: "0104", inClusters: 0000,0003,0004,0005,0006,0008,0300,0B04,FC0F",
outClusters: "0019", manufacturer: "OSRAM", model: "LIGHTIFY FLEX OUTDOOR RGBW",
deviceJoinName: "SYLVANIA Smart Outdoor Flex RGBW"
fingerprint profileId: "0104", inClusters:
0000,0003,0004,0005,0006,0008,0300,0B05,FC01,FC08", outClusters: "0003, 0019",
manufacturer: "LEDVANCE", model: "RT HO RGBW", deviceJoinName: "SYLVANIA Smart RT HO
RGBW"
fingerprint profileId: "0104", inClusters: 0000,0003,0004,0005,0006,0008,0300,0B05,FC01",
outClusters: "0019", manufacturer: "LEDVANCE", model: "BR30 RGBW", deviceJoinName:
"SYLVANIA Smart BR30 RGBW"
fingerprint profileId: "0104", inClusters: 0000,0003,0004,0005,0006,0008,0300,0B05,FC01",
outClusters: "0019", manufacturer: "LEDVANCE", model: "RT RGBW", deviceJoinName:
"SYLVANIA Smart RT RGBW"
fingerprint profileId: "0104", inClusters: 0000,0003,0004,0005,0006,0008,0300,0B05,FC01",
outClusters: "0019", manufacturer: "LEDVANCE", model: "FLEX Outdoor RGBW",
deviceJoinName: "SYLVANIA Smart Outdoor Flex RGBW"
fingerprint profileId: "0104", inClusters:
"0000,0003,0004,0005,0006,0008,0300,0B05,FC01", outClusters: "0019", manufacturer:
"LEDVANCE", model: "FLEX RGBW", deviceJoinName: "SYLVANIA Smart Flex RGBW"
```

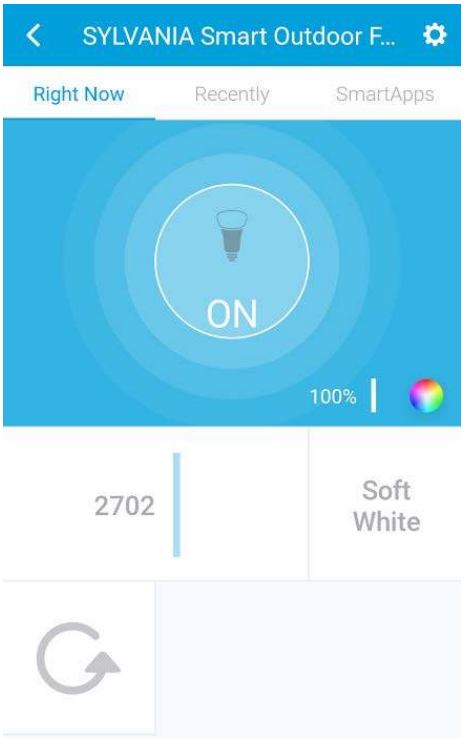
10 When you’re finished, navigate to the top right hand corner of the page and click **Save**. Then **Publish** > **For Me**



11

Your device handler is now ready to be used. You can now add the light bulb as you normally would to SmartThings. Instead of appearing as a **"Thing,"** it should show up with the proper product name and controls.





Troubleshooting

If your SMART+ light bulb still shows up as a “Thing,” you may need to manually apply the custom device handler to that product. To do this:

1. Log into the SmartThings IDE.
2. Select **My Devices** in the top navigation.
3. Find the light bulb you just paired that came up listed as a “Thing” and select it.
4. On that device page, scroll down to the bottom and click **Edit**.
5. Look for the dropdown field labeled **Type.**
6. Click it and select the Custom Device Handler you just created.
7. Select **Update**.

You can now rename your device and will see the correct controls listed in your SmartThings app.