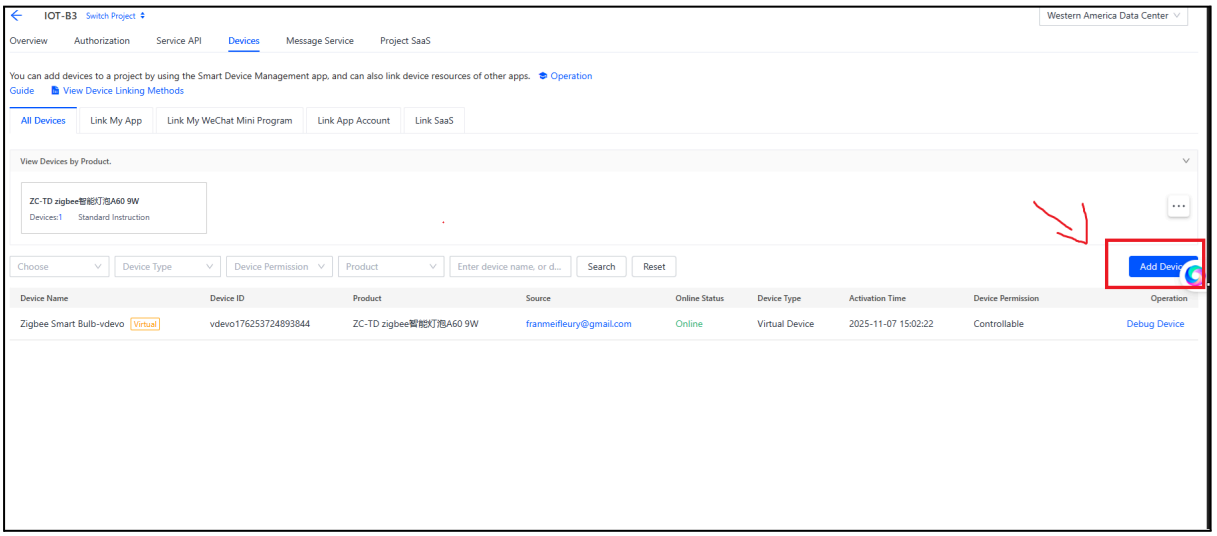
Tuya Light Bulb Research and Use

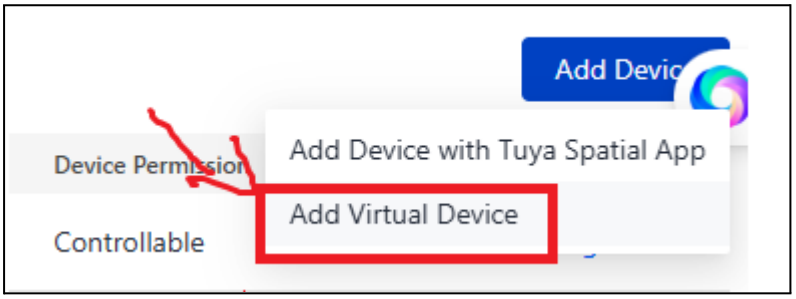
Light bulb:
https://www.amazon.com.br/Dimeriz%C3%A1vel-Colorida-Compat%C3%ADvel-Controle-Inteligente/dp/B0FFH7TBJY/ref=asc_df_B0FFH7TBJY?mcid=d6070563ea043f278fd6c23a6ee67f2e&tag=googleshopp00-20&linkCode=df0&hvadid=709968341179&hvpos=&hvnetw=g&hvrand=15249872038765600927&hvpone=&hvptwo=&hvqmt=&hvdev=c&hvdvcmdl=&hvlocint=&hvlocphy=9100806&hvtargid=pla-2440436863347&language=pt_BR&gad_source=4&th=1

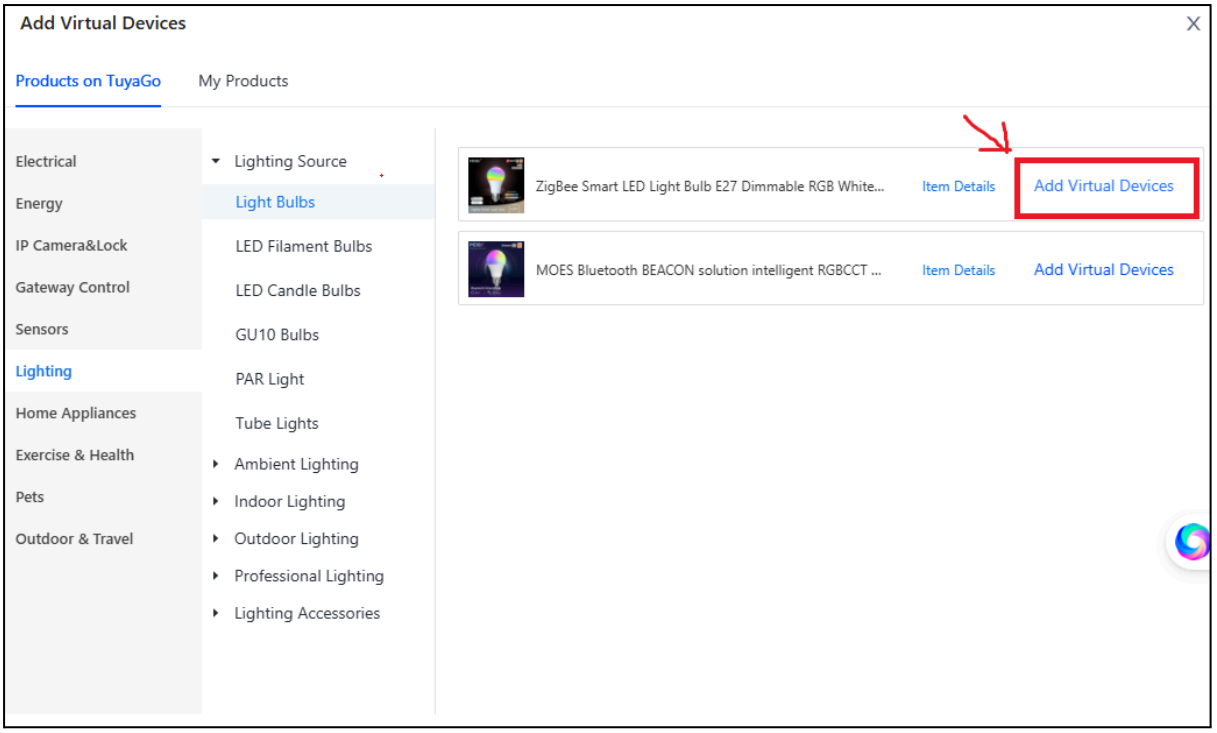
Platforms:

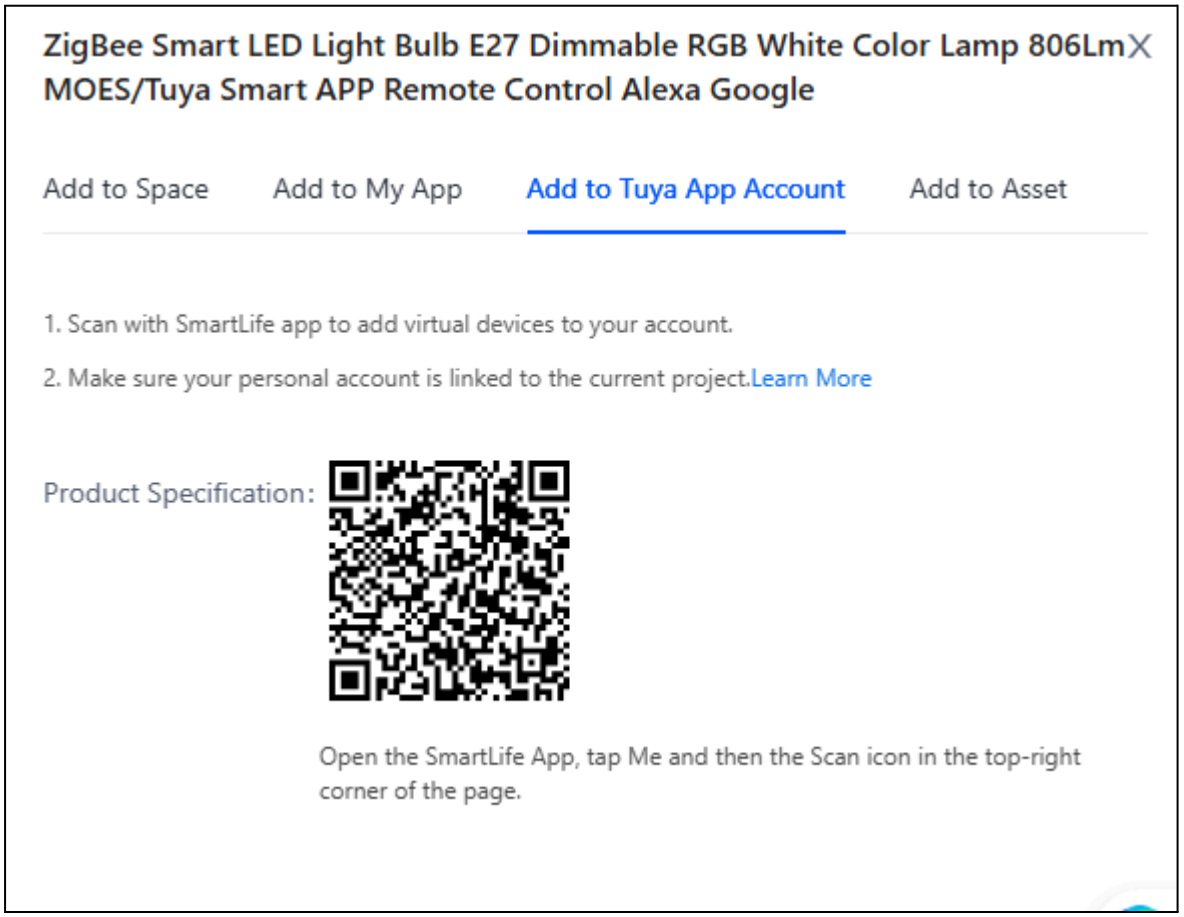
- **Tuya Developer Platform (link)**
- **Tuya Mobile App (link)**

Simulating bulb:
Since there is no physical version of the light bulb, we need to simulate a virtual one for debugging and development.



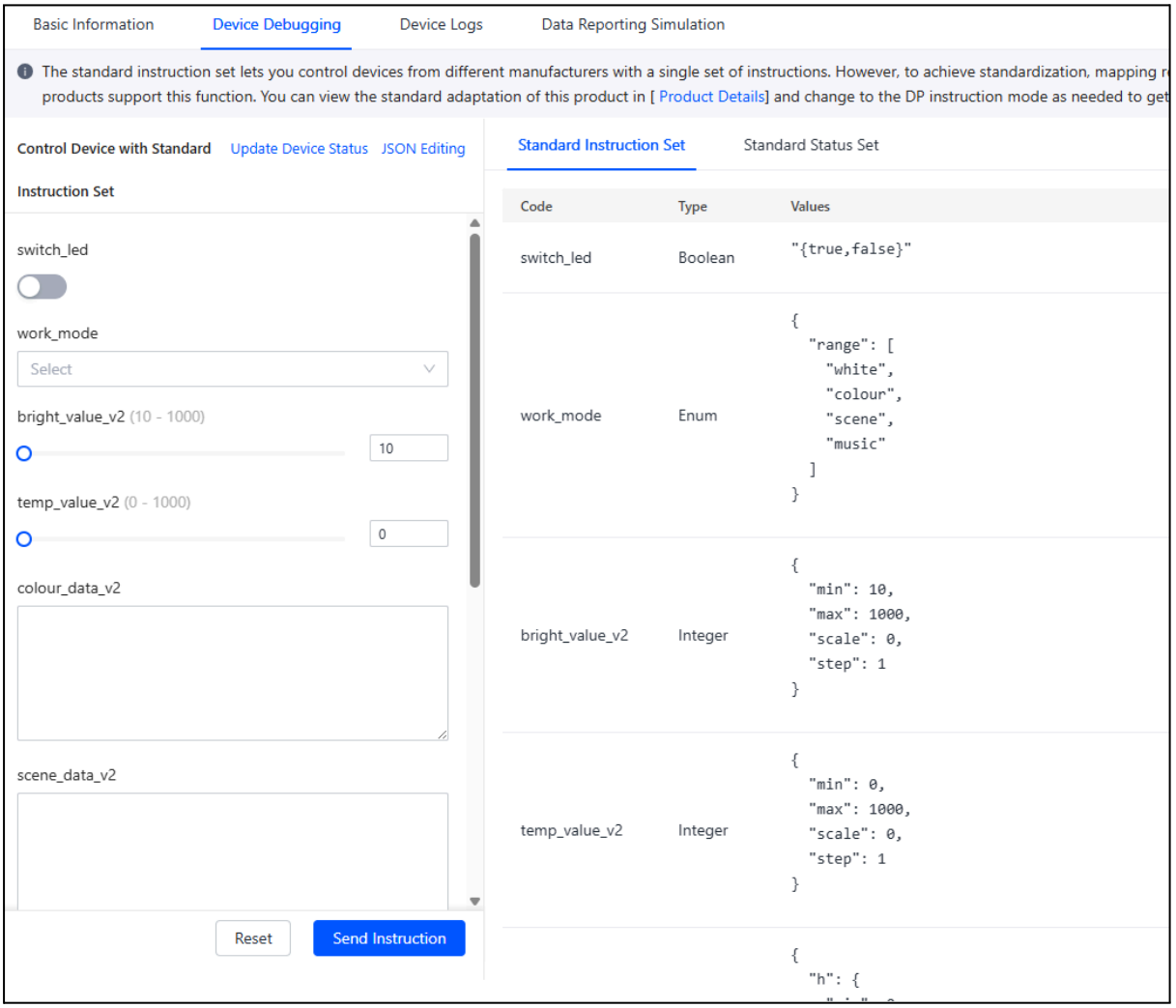






Scan de QR Code with your Tuya app and your virtual light bulb is ready to be tested! Try changing a few settings on your app to see the result.

Sending instructions from Tuya Developer Platform:



Sending instruction from an external application

There is a github repository with a python class that provides an interface for sending http requests to Tuya API.

repository: https://github.com/Octoober/tuya-bulb-control