

TP-Link LB130

Color light bulb

<https://www.tp-link.com/id/home-networking/smart-bulb/lb130/>

Specs

- Connection type: Wi-Fi (2.4 GHz only)
- Wi-Fi protection: WPA2, WPA, WEP (unsecured Wi-Fis are not supported)
- Protocol: ?
- Brightness: 800 lumen (vendor spec)
- Life: 22.8 years based on 3hr/day (vendor spec)
- Energy used: 11 watts at full brightness

Privacy

Benefits

- The device can run entirely local.
- The device can be controlled with self-written scripts. (see projects like [plasticrake/tplink-smarthome-api](https://github.com/plasticrake/tplink-smarthome-api))
- The device does auto-update.

Privacy concerns

- The device runs unfree software.
- The “Kasa Smart” app is only available on specific versions of Android and iOS
- The “Kasa Smart” app is unfree software.
- The “Kasa Smart” app is only available through mayor, centralized stores.
- For setup the “Kasa Smart” app is required.
- For firmware updates the “Kasa Smart” app is required.
- For a reset the “Kasa Smart” app is required.
- During setup the “Kasa Smart” app requires location (for no apparent reason).
- During setup the “Kasa Smart” app requires your Wi-Fi passphrase.

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