


成型尺寸: 80x100mm

128g双铜纸, 印4C, 表面过光油, 钉装

### VOCOLinc<sup>®</sup> L2 Smart Lightbulb



Works with Apple HomeKit, Amazon Alexa, Google Assistant

**Product Overview:**  
L2 Smart Wi-Fi A19 or A60 Lightbulb is a tunable white lightbulb that can be controlled wirelessly via iOS or Android smartphones and tablets, no hub required. You can customize your personal lighting using the VOCOLinc LinkWise App from anywhere with an active internet connection.

**What's Included:**  
• L2 Smart Wi-Fi A19 or A60 Lightbulb  
• Quick Start Guide

**Specifications**  
Input: AC120V, 60Hz or AC220-240V, 50Hz  
Base type: E26 or E27  
Rated Power: 8.5 W  
Light Appearance: 2200K – 7000K (including 2200K, 2500K, 2700K, 3000K, 3500K, 4000K, 5000K, 5700K, 6500K, 7000K)  
Luminous flux: 650 lumens (7000K)  
Beam angle: 220 degrees  
Expected LED life: 22.8 years (25000 hours)  
Operation frequency band(s): 2412-2422MHz for E26, 2412-2472MHz for E27  
Max. transmitted RF power: 0.042Wm

**Product Requirements:**  
• Smartphone or tablet running iOS 10.3 or higher; Android 4.3.x or higher  
• A Wi-Fi connection

**Features:**  
• Works with Apple HomeKit  
• Works with Amazon Alexa  
• Works with the Google Assistant  
• Remote Access

**Safety Warnings**  
• **WARNING: RISK OF ELECTRIC SHOCK OR BURNS.** Switch OFF the light switch controlling the bulb and WAIT for the bulb to cool down before attempting to change it  
• **DO NOT** install the Smart Wi-Fi LED Bulb with wet hands or when standing on wet or damp surfaces  
• Not suitable for use with standard in-wall dimmers. Dimmable via the app only  
• Suitable for use in operating environment between 0°C and 40°C (32°F and 104°F)  
• This device is not intended for use with emergency exit luminaires  
• For lamps with a weight significantly higher than that of the lamps for which they are a replacement, attention should be drawn to the fact that the increased weight may reduce the mechanical stability of certain luminaires and lampholders and may impair contact making and lamp retention.  
• **NOT FOR EMERGENCY LIGHTING**  
• For indoor use only  
• **DO NOT** disassemble  
• **DO NOT** clean with liquid  
• Use in Dry Locations only

**L2 Smart Lightbulb LED status**

Status	L2
Turning on the first time	White light at 5% brightness
Pairing	White light at 5% brightness
Device added successfully	White light at 50% brightness
Identifying the lightbulb	White light at 5% brightness quickly flashes 5 times
Firmware update completed	Flashes twice

**Quick Start Guide For iOS user**  
1. Download and open the free VOCOLinc LinkWise app from the Apple App Store.  
2. Cut the power before you screw L2 into a desired light socket. L2 will light up in white (5% brightness) to indicate it is ready for network setup.  
3. Make sure your iPhone or iPad (version 10.3 or later) is connected to a 2.4GHz Wi-Fi network. If you are connected to a 5GHz Wi-Fi network, use the router utility software to turn it off during setup.  
4. Log in or sign up for a VOCOLinc account (required for linking VOCOLinc Cloud and 3<sup>rd</sup> Party Connection).  
5. Tap "+" on the top left corner and follow the on-screen directions to complete network setup.  
6. Note: To add more devices (or repeat L2 setup process), tap "+" and you will be asked to scan the setup code or manually enter the setup code.  
7. Select the device from the accessory list. Each accessory has a unique identification code, e.g., VOCOLinc-XXX-XXXXX. Make sure the last 6 characters of the identification code is consistent with the last 6 characters of MAC of your L2.  
8. If the screen shows "Couldn't add VOCOLinc-XXX-XXXXX", please refer to the first FAQ. Please preserve the setup code for future use.  
9. Note: if you are running a lower version than iOS 11, make sure to swap do step 6 before step 5.  
10. You can assign a name to your device and use this name when speaking to Siri. For example, if you name your device "fun light", you may wake up Siri and say "Turn on the fun light".  
11. Setup customized scenes to control multiple devices with a single command. For example, if you name the scene that turns off all the lights "I'm going to bed", when you wake up Siri and say "I'm going to bed", it will do the job.  
12. The use of a HomeKit-enabled accessory need the following permissions:  
Settings > iCloud > iCloud Drive > Turn On  
Settings > iCloud > Keychain > Turn On  
Settings > Privacy > HomeKit > LinkWise > Turn On

**For Android user**  
The Android version of LinkWise is a Cloud-based app, which requires an active internet connection.  
1. Download and open the free VOCOLinc LinkWise app from the Google Play Store.  
2. Cut the power before you screw L2 into a desired light socket. L2 will light up in white (5% brightness) to indicate it is ready for network setup.

3. Make sure your Android device (version 4.3 or later) is connected to a 2.4GHz Wi-Fi network. If you are connected to a 5GHz Wi-Fi network, use the router utility software to turn it off during setup.  
4. Log in or sign up for a VOCOLinc account (required for Alexa/Google configuration).  
5. Tap "+" on the top left corner and follow the on-screen directions to complete network setup.  
6. You can assign a name to your device.  
7. In case of setup failure, factory reset the device and repeat steps 2-6.  
8. It is recommended to turn off mobile data during configuration. You may turn it back on after it is completed.

**3<sup>rd</sup> Party Connection**  
To Enable Amazon Alexa and/or Google Home, refer to the following instruction.  
**Enabling Alexa**  
1. Download and Install the Alexa App and login with your Amazon account.  
2. Create an account in the LinkWise App (username and password are case sensitive) and login to your account.

3. Go to LinkWise App > long press the device icon to enter the menu. Look for "VOCOLinc Cloud". Tap "+" icon to link device to VOCOLinc cloud.

4. Go to User > Amazon Alexa > follow the steps to set up Alexa on the Alexa App or press "Get Started" to set up Alexa on its webpage.

5. Use VOCOLinc account to enable Alexa skill: VOCOLinc.  
NOTE: Enable VOCOLinc action must using the same account info & mode as the login LinkWise App. Example: if you login LinkWise by "login with Amazon", you must enable VOCOLinc skill by "login with Amazon".

6. Discover Devices in the Alexa App.

**Enabling Google Assistant**

3. Go to LinkWise App > long press the device icon to enter the menu. Look for "VOCOLinc Cloud". Tap "+" icon to link device to VOCOLinc cloud.

4. Go to User > Google Assistant > follow the steps to set up Google on the Google Assistant App or press "Get Started" to visit the Google Assistant App.

5. Use VOCOLinc account to enable Google Action: VOCOLinc.  
Go to Settings > Home control > Press "+"

> Enable action using your VOCOLinc account.  
NOTE: Enable VOCOLinc action must using the same account info & mode as the login LinkWise App. Example: if you login LinkWise by "login with Amazon", you must enable VOCOLinc skill by "login with Amazon".

6. Complete setup

**Timer Settings**  
You may schedule to turn on/off the device at specific times on specific days of the week, or to slowly wake you up in the morning.  
Go to LinkWise APP > Long press the device icon to enter the menu > Look for "Timer" > Go to settings to create an event > Enable your preferred state for the device and name the event.

**Factory Resetting**  
Resetting the smart lightbulb can help you troubleshoot any issues you may have.  
To reset to factory defaults:  
1. Turn the light switch controlling the bulb to the OFF position.  
2. Flip the light switch on and off 3 times. Time lag between each cycle must not exceed 5 seconds.  
The smart lightbulb will flash three times once reset is completed.

**Firmware Update**  
To gain better experience with VOCOLinc product, we strongly recommend that you update the firmware whenever updates with all the latest improvement and fixes are available:  
1. Launch LinkWise.  
2. Long press device icon to enter the menu.  
3. Look for "Firmware update" and tap it, and then tap "Update".  
\*Only the devices that are currently reachable and have an available update will prompt firmware update notice.  
\*It is important to leave the LinkWise app running while it finishes updating the device. Try not to minimize the app, close the app, or interrupt the update to prevent problems.

**FAQ**  
**Q1. Why did I fail to add my L2 to the LinkWise App?**  
1. Make sure your accessory is powered on and nearby.  
2. If you use a dual 2.4G/5G network router, please turn off the 5G network. Connect your phone with 2.4G network and add the device again.  
3. Make sure that the router setting meets the relevant requirements. The device only supports the mode of WPA/WPA2-PSK.  
4. Make sure that L2 is in pairing mode. If not, please reset L2 to factory defaults.  
5. Select the accessory shown on screen, then scan the setup code (XXX-XX-XXX) which can be found on the device, instruction manual or inner packaging.  
6. If the app prompts "Couldn't add VOCOLinc-L2-XXXXX" after you scanning the setup code:  
(1) Close the app  
(2) Reboot the phone  
(3) Restore to factory settings  
(4) Add the device again  
7. If the app prompts "The setup code is incorrect", please  
(1) Double check whether the setup code input is right or not; or try manually entering the setup code.  
(2) If the last 6 characters of the identification code is not consistent with the last 6 characters of MAC located at the bottom of your L2, please report this issue by sending a message to [support@vocolinc.com](mailto:support@vocolinc.com) along with the last 6 characters of the identification code.  
8. If the app prompts "This accessory isn't compatible with your Wi-Fi router", it means the router is currently working under the 5GHz network, please refer to step 2.

**Q2. How can I recover connection of the device?**  
1. Modification of the router configuration/settings will cause non-resumable disconnection of the device. Delete and add the devices again after factory reset following steps in Q1.  
2. Unstable network signal could cause disconnection of the device. Wait for about 2 minutes for automatic re-connection. If the connection does not resume after awhile, power off L2 and then put on. It shall re-connect automatically.  
3. If the above is not effective, delete and add the devices again after factory reset following steps in Q1.  
If you have more questions, please feel free to contact us: [support@vocolinc.com](mailto:support@vocolinc.com).

**Q3. The device works normally after restoring factory settings or switching on/off, but it occasionally gets disconnected from the network and cannot be recognized.**  
1. Make sure the number of Wi-Fi connected devices is within the wireless network capacity of your router. Otherwise, please replace with another router.  
2. Make sure the network environment is good and the least interference (walls, metal surroundings) between the device and the router is better.  
3. Make sure you have downloaded and install the latest version of App and Firmware.  
4. Reconnect your iOS devices to Wi-Fi and make sure your Wi-Fi signal is strong enough.  
5. Wait until the network is fixed if your router performs poorly in wireless networks that might result from network congestion. Send us the Wi-Fi setting screenshot and the router model details if you need assistance.  
6. Check the router setting and see if there is any limit to the number of simultaneous client connections.  
7. Restart your HomeKit accessory or restore your HomeKit accessory to factory settings, and add your HomeKit accessory to the VOCOLinc LinkWise app.  
8. Update LinkWise App and product firmwares to the latest version.

**Q4. Can I control multiple Smart Wi-Fi LED Bulbs at the same time?**  
Yes. You can manage and save multiple bulbs together as a "scene".

**Q5. Can I dim the Smart Wi-Fi LED Bulbs?**  
The Smart Wi-Fi LED Bulbs are not designed for use with traditional wall-dimmer. It can only be dimmed via the LinkWise app.

**Q6. I have set my brightness to 0% before I turn off light switch. Why does it resume to 5% brightness as soon as I turn on the light switch again?**  
This is a preset setting to indicate that the smart lightbulb is in good shape.

**Q7. Why am I not able to login to my VOCOLinc account?**  
username and password are case sensitive in VOCOLinc account system. Pay attention to the upper/lower-case of the user name and password when you loginsign up to the LinkWise app.  
**System Requirement:**  
• Mobile device running iOS10.3+ or Android 4.3+  
• Existing Wi-Fi network  
• Stable Internet (For Android LinkWise & Alexa)  
\*Place the Smart Wi-Fi LED Bulb within the range of your Wi-Fi router or access point (approximately 100 feet).  
\*Avoid physical obstructions and radio interference in the surrounding area.

**Legal Information**  
Apple, iPad, iPad Air, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. HomeKit is a trademark of Apple Inc.  
Use of the Works with Apple HomeKit logo means that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of the device or its compliance with safety and regulatory standards. Controlling this HomeKit-enabled accessory automatically and away from home requires an Apple TV with tvOS 10.3 or later or an iPad with iOS10.3 or later set up as a home hub. To control this HomeKit-enabled accessory, iOS 10.3 or later is recommended.

**FCC Declaration of conformity**  
**Caution:**  
This device complies with Part 15 of the FCC Rules / Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.  
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.  
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:  
—Reorient or relocate the receiving antenna.  
—Increase the separation between the equipment and receiver.  
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.  
—Consult the dealer or an experienced radio/TV technician for help.

**MPE Requirements**  
To satisfy FCC / IC RF exposure requirements, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance is not recommended.  
Les antennes installées doivent être situées de façon à ce que la population ne puisse y être exposée à une distance de moins de 20 cm. Installer les antennes de façon à ce que le personnel ne puisse s'approcher à 20 cm ou moins de la position centrale de l'antenne. La FCC des états-unis stipule que cet appareil doit être en tout temps éloigné d'au moins 20 cm des personnes pendant son fonctionnement.

**EU declaration of conformity**  
Herby, VOCOLinc declares that the radio equipment L2 smart Wi-Fi lightbulb is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: [www.vocolinc.com](http://www.vocolinc.com)

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