



ROTOLIGHT NEO 3 On Camera RGBWW LED Light Starter Bundle User Guide

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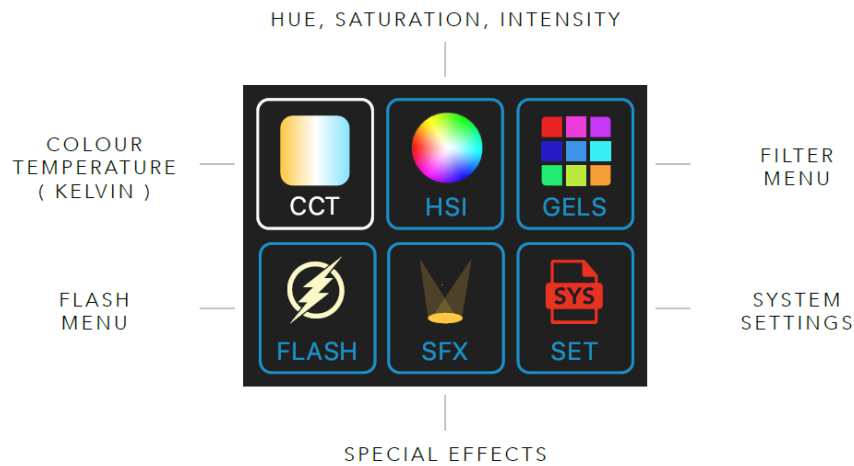


ROTOLIGHT NEO 3 On Camera RGBWW LED Light Starter Bundle



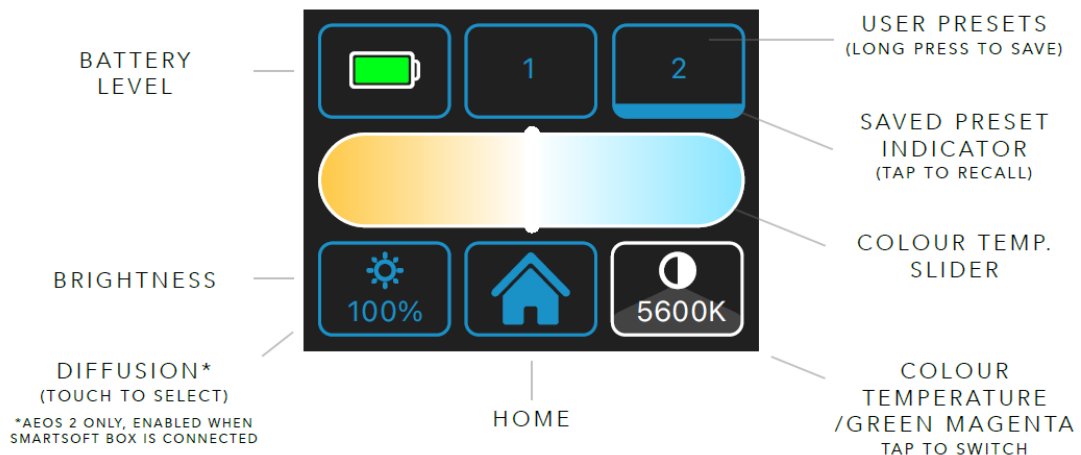
HOME MENU

From the home menu, select from 5 operating modes; CCT (Continuous light, Kelvin 3000-10,000K), HSI (Hue, Saturation, Intensity) for 16.7M RGB Colours, GELS for 2500 digital filters and sampled 'source match' effects, FLASH for RGB HSS flash (flash in any CCT, HSI or filter colour). System settings, such as language, display and factory reset, can also be adjusted by the 'SET' page. On start up, the light will automatically recall your last used settings and on each of the 5 operating mode pages. (ie CCT, HSI).



CCT MENU

Using the touchscreen slider or right-hand knob for fine adjustments, adjust Kelvin from 3000-10,000K to your desired setting, (typically 5600K). For maximum peak output brightness, set the light to 4600 Kelvin where both warm and cool LEDs are on full power. Use the left-hand knob to adjust brightness or tap the bottom-left brightness icon to use the on-screen slider that appears. To save your current settings, long press on one of the numbered presets, (across the top) and a prompt to save will appear. To recall, short tap on a preset, (indicated by a thick blue line at bottom of preset box). Swipe right across preset bar to reveal additional presets.





FLASH MENU

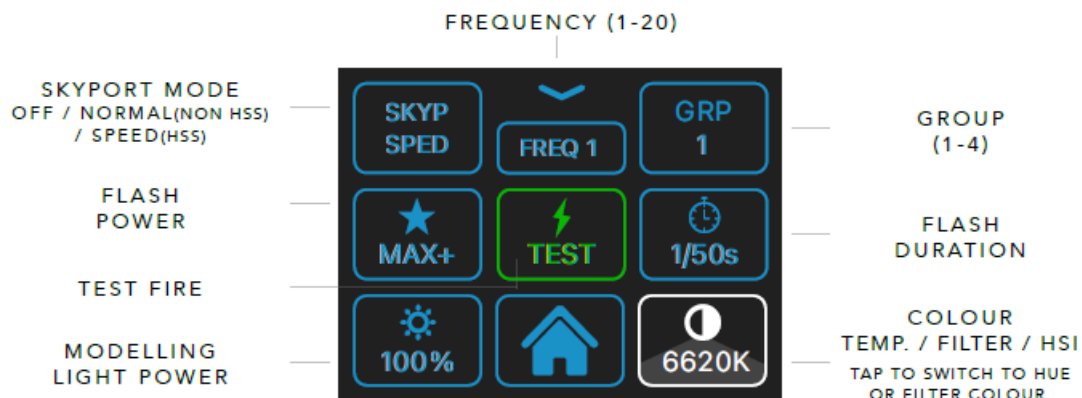
Rotolight AEOS 2 & NEO 3 are the world's first RGBWW LED lights capable of High Speed Sync flash, providing an extra stop of output when compared to their maximum continuous power*. The flash will default to the colour mode you were using prior to entering flash, (i.e.

CCT, HSI or GELS). Tap the bottom-right button to switch between colour modes, (Kelvin, Gels, HSI). For best results, maximum power is available at 4600 Kelvin. Flash power should

always be set to 'MAX' or 'MAX+' if available with flash duration to the longest available, i.e.

1/50th. Any faster shutter speed will be captured automatically.

FREQUENCY (1-20)



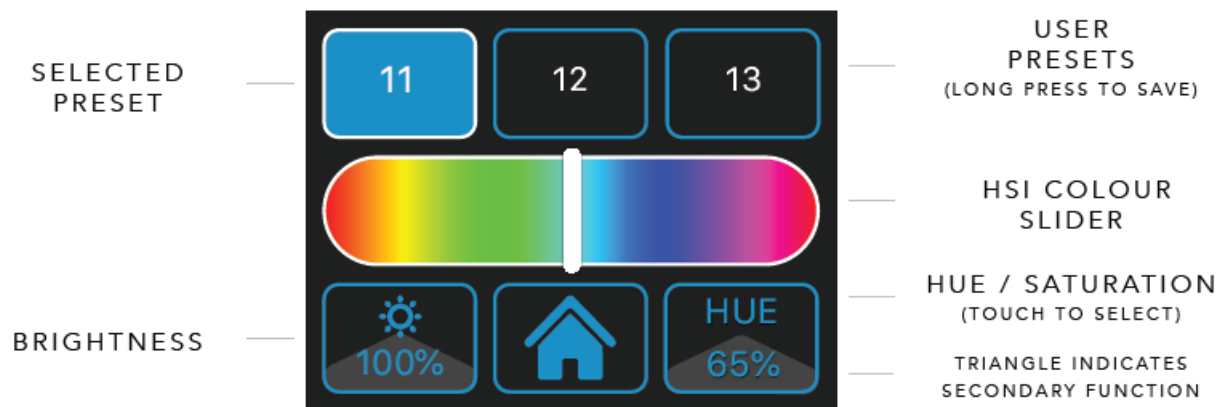
The lights feature an integrated Elinchrom Skyport wireless flash receiver compatible with the Rotolight HSS transmitter, or Elinchrom Skyport transmitters. Ensure Skyport mode, (top-right) is set to 'SPED' (speed) for HSS, and that the transmitter is also set to 'SPEED' mode, (Menu> ELSP mode> Speed). Third-party transmitters, i.e. Godox X1T/R, can also be used via a wired connection to the 3.5MM flash sync socket found on the light.

Please note: modelling light power can be adjusted or turned off with the left-hand knob. in order to preserve battery life, it is significantly less bright than the regular continuous power, whilst providing enough light to focus and to compose your shot. *in CCT mode.

HSI MENU

Access up to 16.7Million colours with the HSI menu. Using the touchscreen slider or right-hand knob for fine adjustments, adjust hue colour to your desired setting. Tap the bottom-right-hand box to adjust saturation of the selected colour. Use the left-hand knob to adjust brightness or tap the

bottom-left brightness icon and use the on screen slider that appears. To save your current settings, long press on one of the numbered presets across the top and a prompt to save will appear. To recall, short tap on a preset, (indicated by a thick blue line at bottom of preset box). Swipe right across preset bar to reveal additional presets.

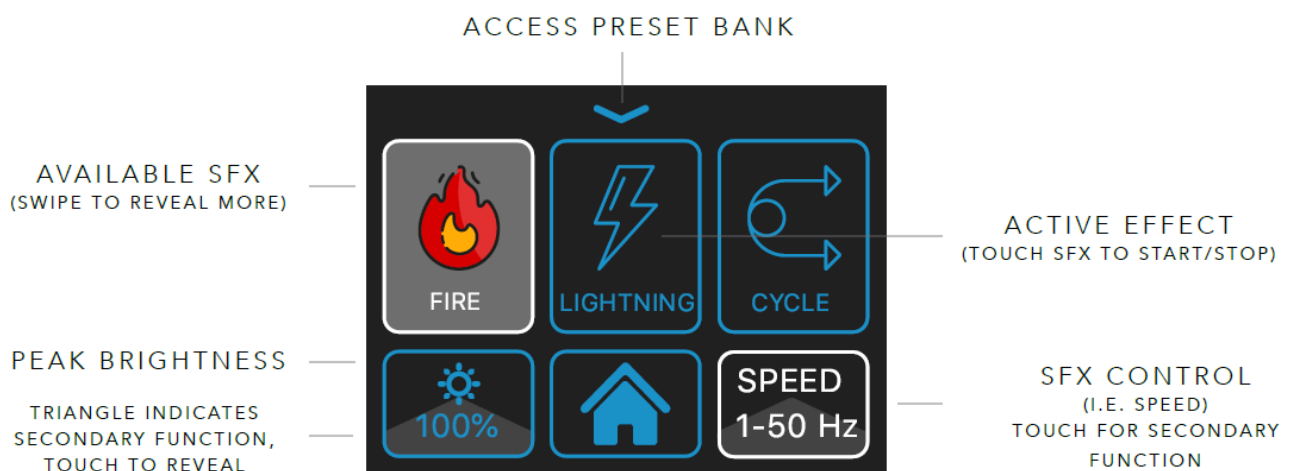




SFX MENU

Enhance your feature film, music video or short film with Rotolight's award-winning SFX, which has been designed and developed with Stefan Lange, (James Bond – Skyfall/No Time to Die, Batman, Tomraider & many, many more). Swipe across the SFX row to reveal available SFX. Tap desired SFX to start the effect and tap once more to stop. Certain effects, (fade, gunshot and paparazzi) can also be triggered using the right-hand knob when selected via the app or the test-fire button on the Elinchrom Skyport trigger. Each effect typically has multiple adjustable parameters. A grey triangle on the bottom-right or bottom-left box indicates a secondary function. Tap to reveal and adjust accordingly. For example, touch to select the Police SFX; use the button-right knob to adjust SFX brightness or tap to adjust colour mode.

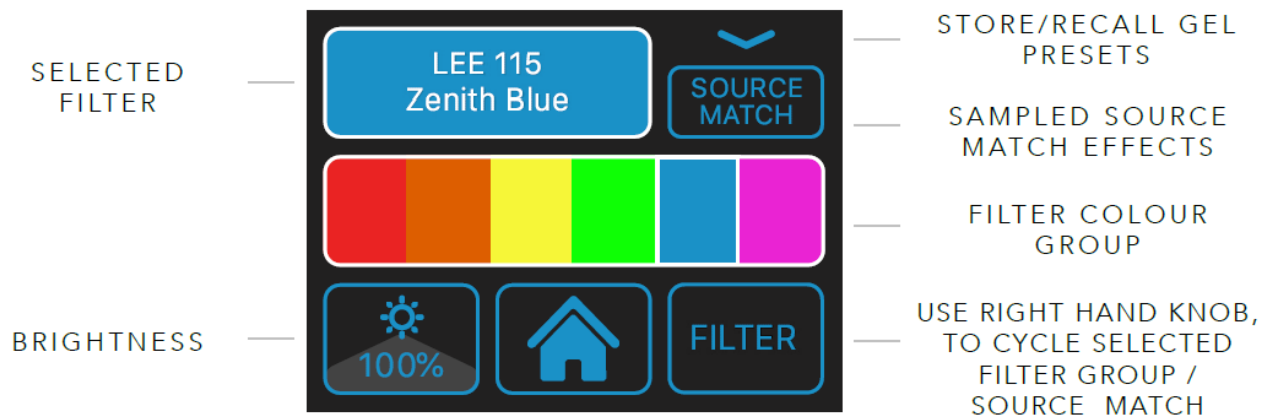
Note: The inbuilt SFX have colours assigned to them, (i.e. warm orange/red for fire) by default to produce realistic SFX. For fully customisable SFX, determined by the last -used HSI or filter colour, the default colours can be disabled in the SYS mode.



FILTER MENU

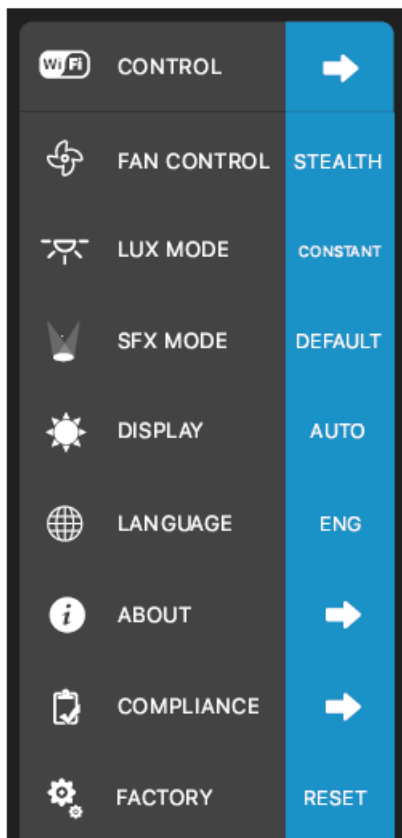
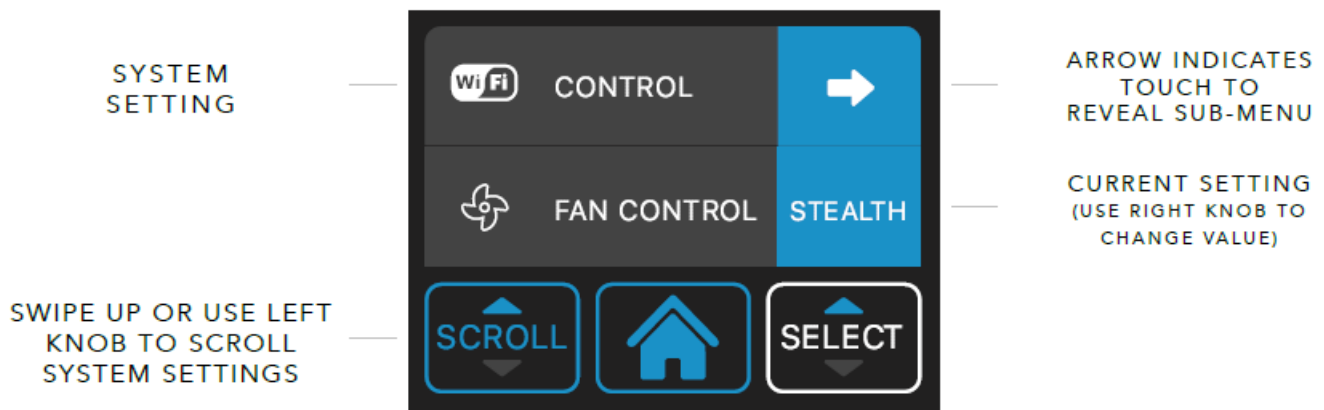
Access up to 2500 digital filters and sampled 'Source Match' effects using the 'GELS' menu. Tap to select preferred filter group, (i.e. 'RED') and use the right-hand knob to cycle available filters in that group. Click on the right-hand knob to switch between a daylight, 'D65', or tungsten, 'D32' emulation of the selected filter. The selected filter is indicated by the last digits of the displayed filter name. Use

the left-hand knob to adjust brightness of the selected filter. Tap the top-right-hand box, 'Source Match' for real-world sampled lighting sources. Rotate the right-hand knob to cycle available Source Match samples.



SYSTEM MENU

Adjust universal system parameters and apply factory reset in the SYS menu. Swipe up to reveal system parameters and use the right knob to adjust selected option.



- CHANGE CONTROL SETTING
LOCAL CONTROL - CONTROL VIA TOUCHSCREEN OR KNOBS
APP CONTROL - CONTROL VIA ROTOLIGHT APP (ENABLES WIFI)
- AUTO - (RECOMMENDED) MAX POWER WITH AUTO FAN CONTROL
VIDEO - SILENT FAN OPERATION, REDUCED MAX POWER
OFF - NO FAN, CAPPED MAX POWER
*FLASH POWER UNAFFECTED BY FAN MODES
- MAX - (RECOMMENDED) MAX POWER, AT ANY KELVIN
CONSTANT - CONSTANT LUX (EXPOSURE) REGARDLESS OF KELVIN.
IDEAL FOR VIDEO OPERATION, REDUCED MAX POWER
- DEFAULT = PRESET SFX COLOURS
CUSTOM = USER CUSTOMIZED COLOUR
- ON = PERMANENTLY ON
AUTO = AUTO OFF
- LANGUAGE SELECTOR
ENGLISH, GERMAN, FRENCH, SPANISH, ITALIAN, DUTCH
- SERIAL NUMBER, FIRMWARE, VERSION
- REGULATORY INFO: FCC ID, WIFI, IC & MORE
- FACTORY RESET, SCROLL RIGHT KNOB TO ACTIVATE

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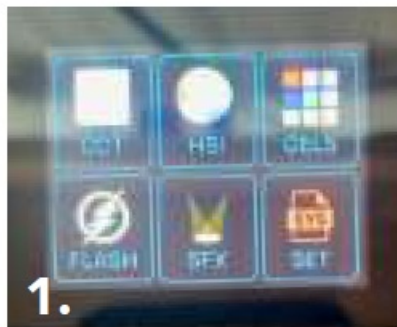
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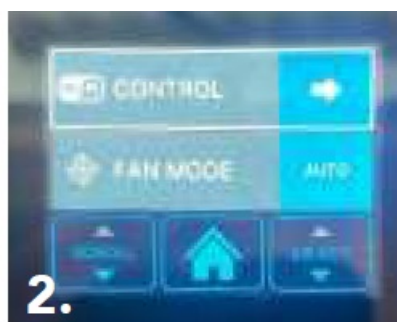
APP CONNECTION GUIDE V.0

In order to connect a fixture to the Rotolight App it is necessary to have firmware version 2.0 or later installed into you light. To verify which firmware is currently installed, go to system page > About OR it is also displayed on power up of the light

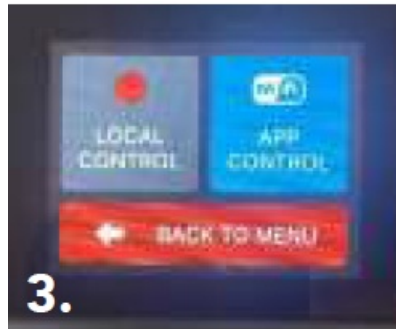
1. Power on your light and navigate to the 'SYS' menu.



2. Select the 'Wifi control' option from the Sys menu.



3. Within the control menu you will see two options.



LOCAL CONTROL turns off the WiFi

APP CONTROL turns on the Wifi.

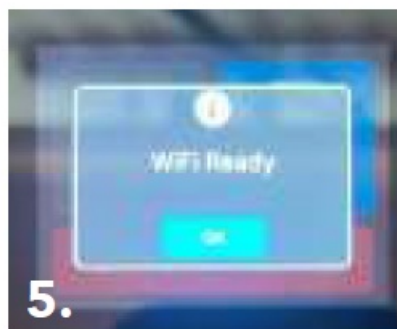
Select 'APP CONTROL'

If 'APP CONTROL' is already highlighted then the WiFi is on. The fixture will remember the setting so everytime your light is power cycled the fixture will remain in the state it was set in previously.

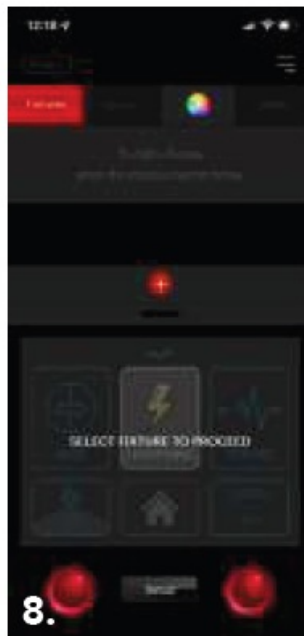
4. If you have just switched to 'APP CONTROL' or if you have just powered on your light the WiFi module needs time to boot up. This takes approximately 20 seconds and you will see the message 'WiFi Initialising, wait for "Wifi Ready"'. This message is only displayed within the control menu.



5. When the Wifi module has finished booting up and is ready to accept connections you will see the message 'Wifi Ready'.



6. When the WiFi is ready to accept connections you will be taken back to the control menu. Select 'APP CONTROL' again to open the QR code screen. Please note that if your Wifi was previously ready to accept connections then selecting 'APP CONTROL' in step 3 will take you straight to the QR code screen.
7. Open up the Rotolight App on you mobile device. If this is the first time you have used the app you will need to complete the sign in process and accept the Terms and Conditions.
8. From within the Rotolight App Select the Red circle with the plus symbol.



9. After you have selected plus symbol this will open the Camera on you mobile device. Move the camera over the QR code shown on the light. The App should now attempt to connect to your light.



Important Note:

Some cameras on lower end devices, or in conditions with a lot of ambient light, can struggle to focus on the QR code. There are two alternative ways to add a device without scanning the QR code. You can scan the 2D barcode shown on the serial label of your light, alternatively you can enter the SSID and Password manually. The SSID and Password are identical. They are both the Serial number of your light which can be found in the 'ABOUT' option located in the SYS menu or on the serial label on your light. These fields are case sensitive and all characters should be in capitals.

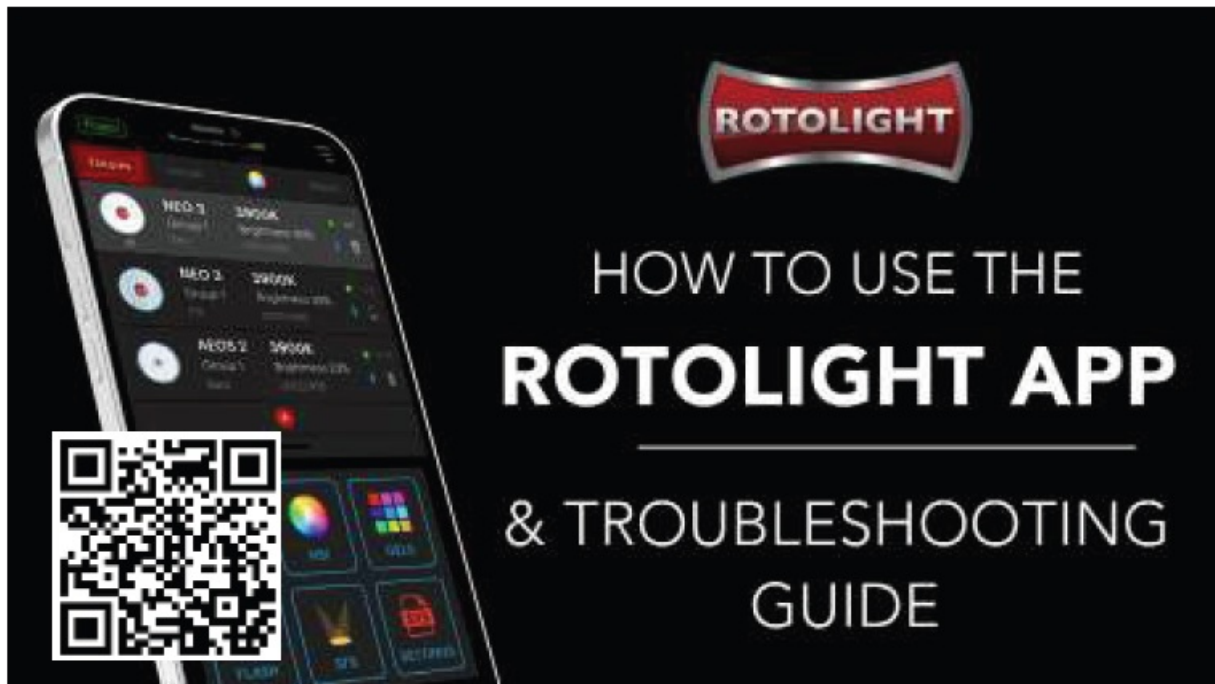
10. You should now see a request from the App asking if you want to Join the WiFi network. Select Join. When the App has successfully connected to the fixture (indicated with green status dot on the light within the app) you

can close the QR code page



11. You are now connected to your light and can begin to control it via the App. To add additional fixtures repeat the process above. You can then switch between lights by selecting them on the fixture list in the App.
- Troubleshooting and bug reporting If you have any issues connecting to your lights or experience any bugs please use the email address below and give as much detail as possible including the mobile device you are using. We will respond to you as soon as possible. Appfeedback[@Rotolight.com](mailto:Appfeedback@Rotolight.com)

TROUBLESHOOTING AND BUG REPORTING



SCAN QR CODE TO WATCH OUR TROUBLESHOOTING GUIDE

If you are experience repeated issues with connectivity please try the follows steps

1. Ensure you have the latest Rotolight firmware installed on your light. The app will only work with firmware 2.0 or later. To install the latest firmware go to rotolight.com/support and download the latest firmware to a USB 2.0 stick, with no other files on it. With the light powered off, insert the USB stick containing the update file, hold down both knobs, and whilst continuing to hold them down, turn the power on. An update dialogue box will now appear prompting you to upgrade.
You can verify what firmware you have installed on the light by turning the light on and noting the version on the bottom of the logo screen OR, by going to the system settings page, scroll down to 'About' , and tap on the arrow to enter the menu. Firmware will now be displayed.
2. Ensure you have the latest version of the app installed from the Apple or Android app stores. For links to the app in the respective stores visit rotolight.com/app
3. Cycle the power on your mobile device and light Turn the power off/on on both your phone, and light. It is always good practice to do this after installing any new firmware or update for your device.
4. Ensure Wifi is enabled in the light (this is disabled after a factory reset, or on first use). To switch on Wifi (you will only need to do this once, unless you do a factory reset), from the home menu, go to the system settings page (bottom right) > Wifi control > select App control. You will now see a Wifi initializing, 'wait for Wifi Ready' message. After 15-20 seconds the message will clear and "wifi ready" will be displayed. Wifi is now enabled. You can now pair your rotolight with the app by tapping the app control box to display a QR code, then open the rotolight app, press the "+" button to add a fixture and place the QR code label in the middle of the camera display window, then press join when the dialogue box appears. **Note:** Upon turning on the light, it takes approximately 15-20 seconds for the Wifi to fully initialize (like a wifi router in your home). You can also verify that Wifi is turned on by going to the system settings page (bottom right) > Wifi control , and if the right hand box "wifi/app control" is highlighted blue, then it is on.
5. Force quit the app, re-open, and tap on the light to reconnect to your light. If you exit an app, to use other functions on your phone, the app is not quit, its infact still running in the background. Force quit the app if you are having problems to refresh the app. In iOS, to force quit the app, swipe up from the bottom of the screen,

the swipe the selected app upwards off the screen to quit it. Now reopen.

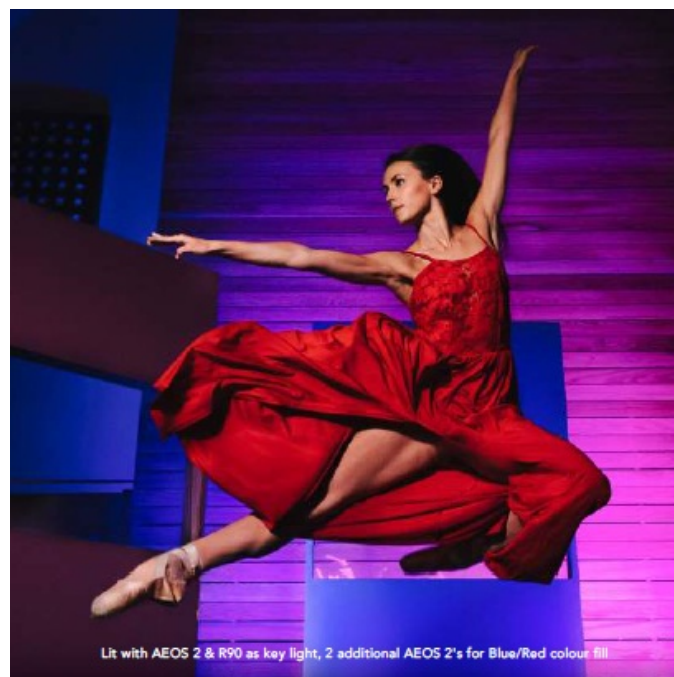
6. Remove the light within the app, and re-add the light. To do so swipe left across the fixture to reveal a red "x", press to remove the light. Now press the "+" button to re-pair the light to the app.
7. Ensure any use of a VPN is disabled. Virtual Private Networks (VPN's) can interfere with connection of the mobile\tablet to the app, if you use a VPN, please ensure VPN's are disabled.
8. Factory Reset your Rotolight go to the system settings page (bottom right) > Factory Reset > Click the right knob and select "Yes". (Please note wifi will now be disabled, see step 4 to turn Wifi on) If having tried all of the above troubleshooting steps, you continue to have any issues connecting to your lights or experience any bugs please use the email address below and give as much detail as possible including: mobile device details, iOS/Android software version Which light you are using Rotolight firmware version installed (displayed on startup screen, OR System page> About) The exact nature of the problem and when it started We will respond to you as soon as possible. Appfeedback@[Rotolight.com](mailto:Appfeedback@Rotolight.com)

LATEST FIRMWARE AND MANUAL

For all firmware updates, user manual and other resources, please visit

www.rotolight.com/support

To apply a firmware update, download the latest firmware to a USB 2.0 type A stick, (not USB 3.0) and ensure it is formatted to Fat 32, (not Fat 32 extended). Ensure any connected battery has a reasonable charge level prior to starting the update process. Power off the light and insert the USB stick. Whilst clicking and holding down both knobs, power on the unit. Release knobs when the bootloader dialogue box appears. Select 'YES' to install the firmware. DO NOT power off the light during a firmware update and ensure the update is allowed to complete. A progress bar will appear and upon completion the light will restart.





SAFETY WARNINGS & NOTICES

1. Do not under any circumstance attempt to use the USB port for any purpose other than inserting a USB stick for firmware updates. Do NOT under any circumstance attempt to charge your phone or the NEO battery from the USB port. Doing so presents an immediate risk of fire or explosion.
2. Rotolight is a high performance hybrid flash and continuous light and places a unique demand on batteries in flash mode to achieve a zero recycle time flash. Rotolight only recommends the use of official Rotolight batteries for flash operation.
3. Only ever use the Rotolight official power supplies. Using any other power supply may present a risk of damage to the light, fire or explosion.

Documents / Resources

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| | <p>ROTOLIGHT NEO 3 On Camera RGBWW LED Light Starter Bundle [pdf] User Guide NEO 3, AEOS 2, NEO 3 On Camera RGBWW LED Light Starter Bundle, On Camera RGBWW LED Light Starter Bundle, RGBWW LED Light Starter Bundle, LED Light Starter Bundle, Starter Bundle</p> |
| | <p>ROTOLIGHT NEO 3 On-Camera RGBWW LED Light Starter Bundle [pdf] User Guide NEO 3, AEOS 2, On-Camera RGBWW LED Light Starter Bundle, LED Light Starter Bundle, On-Camera RGBWW LED Light, RGBWW LED Light, LED Light</p> |

References

-  [Rotolight | Advanced LED Lighting for Video, Photography and Studio](#)
-  [Rotolight APP | Advanced LED Lighting](#)
-  [Support Centre | Rotolight](#)

Manuals+.