QUICK START GUIDE

MOVE. SHOOT. CREATE

NEO 3 & AEOS 2

Version V1.2 July 2022

TIME TO CREATE

WELCOME TO YOUR NEW ROTOLIGHT

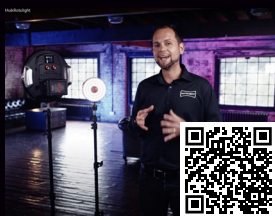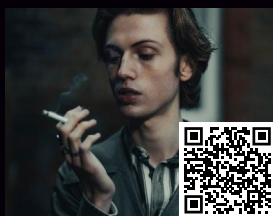|	
HIGH SPEED SYNC RGBWW FLASH	**POWERFUL OUTPUT, LIGHTWEIGHT DESIGN**
16.7M COLOURS, 2500 FILTERS	**INTUITIVE TOUCHSCREEN DISPLAY**

HANDS ON REVIEW   COWBOY SHOOT   SAM NASH SHOOT

JOIN OUR
ROTOLIGHT USER GROUP

TOUCHSCREEN
DISPLAY

WORLD'S BRIGHTEST
ON-CAMERA
LED LIGHT

16.7 MILLION
COLOURS, 2500 GELS

CLICK BOTH KNOBS
TOGETHER TO LOCK /
UNLOCK TOUCHSCREEN

BUILT-IN
BLUETOOTH,
WIFI & SKYPORT®
FLASH RECEIVER

HIGH-PERFORMANCE
USB RECHARGEABLE
LITHIUM BATTERY

USB FIRMWARE
UPDATABLE

TOUCHSCREEN
DISPLAY

ULTRA-THIN
DESIGN

16.7 MILLION
COLOURS, 2500 GELS

CLICK BOTH KNOBS
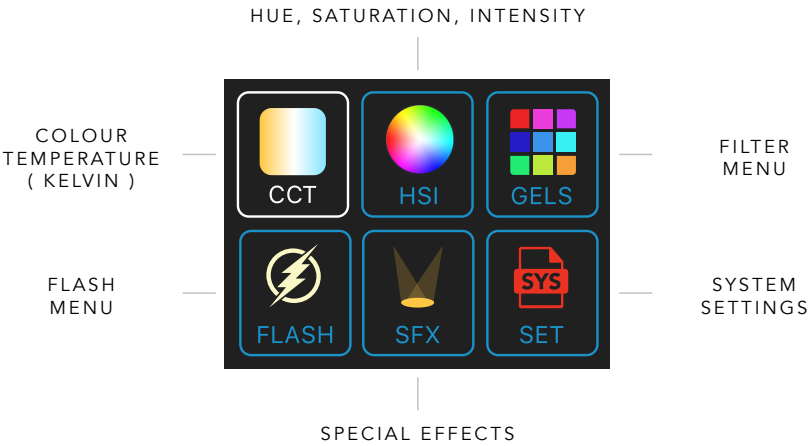TOGETHER TO LOCK /
UNLOCK TOUCHSCREEN

ALUMINIUM
HANDLES

INTERGRATED
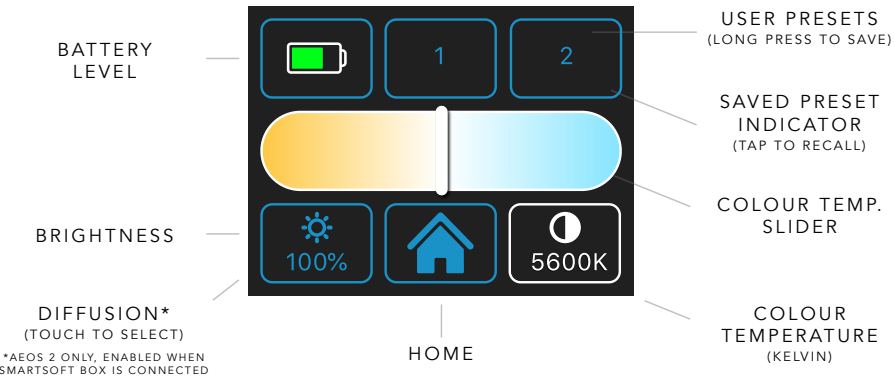V-LOCK
BATTERY PLATE

SMARTSOFT ENABLED

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).

HUE, SATURATION, INTENSITY

COLOUR
TEMPERATURE
(KELVIN)

FILTER
MENU

FLASH
MENU

SYSTEM
SETTINGS

CCT   HSI   GELS

FLASH   SFX   SET

SPECIAL EFFECTS

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.

BATTERY
LEVEL

USER PRESETS
(LONG PRESS TO SAVE)

1   2

SAVED PRESET
INDICATOR
(TAP TO RECALL)

COLOUR TEMP.
SLIDER

BRIGHTNESS

100%   5600K

DIFFUSION*
(TOUCH TO SELECT)
*AEOS 2 ONLY, ENABLED WHEN
SMARTSOFT BOX IS CONNECTED

HOME

COLOUR
TEMPERATURE
(KELVIN)

Lit with AEOS 2, w/ Diffuser dome, continuous mode. 2 X NEO 3's for Blue backlight

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)

SKYPORT MODE
OFF / NORMAL(NON HSS)
/ SPEED(HSS)

FLASH
POWER

TEST FIRE

MODELLING
LIGHT POWER

SKYP ON	FREQ 0	GRP 1
★ X8	⚡ TEST	🕐 1
☀ 100%	🏠	◐ 6620K

GROUP
(1-4)

FLASH
DURATION

COLOUR
TEMP. / FILTER / HSI
TAP TO SWITCH TO HUE
OR FILTER COLOUR.

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.
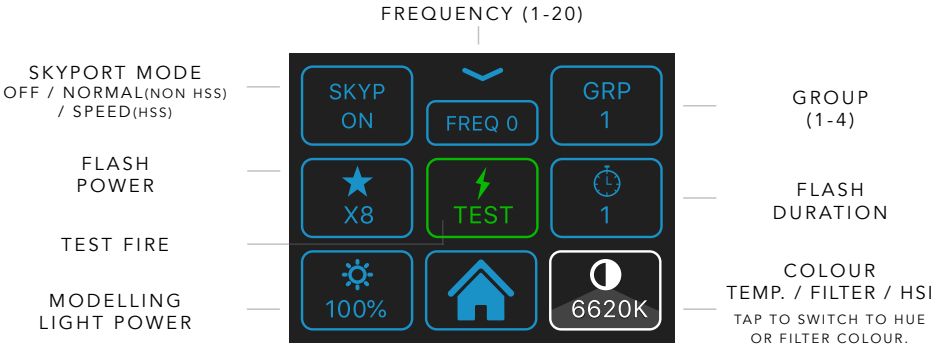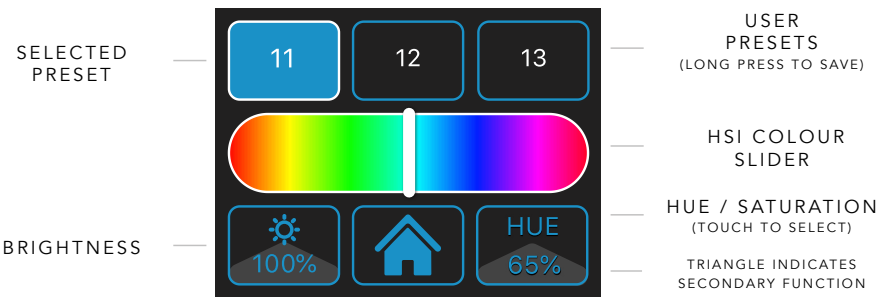
SELECTED
PRESET

BRIGHTNESS

11	12	13
☀ 100%	🏠	HUE 65%

USER
PRESETS
(LONG PRESS TO SAVE)

HSI COLOUR
SLIDER

HUE / SATURATION
(TOUCH TO SELECT)

TRIANGLE INDICATES
SECONDARY FUNCTION
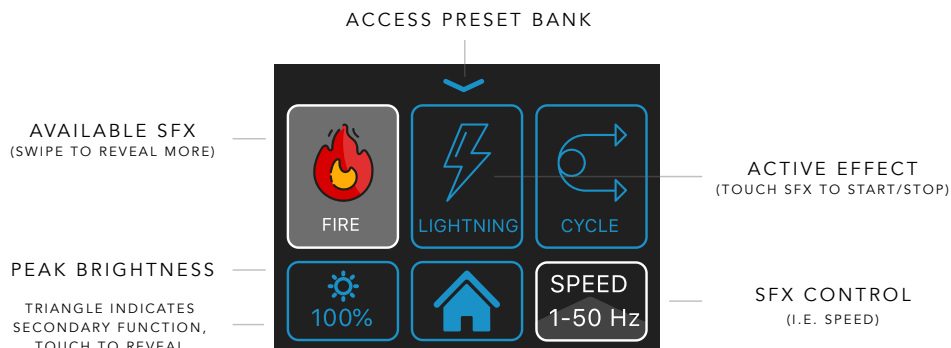
Lit with AEOS 2, w/ Diffuser dome. Continuous mode.

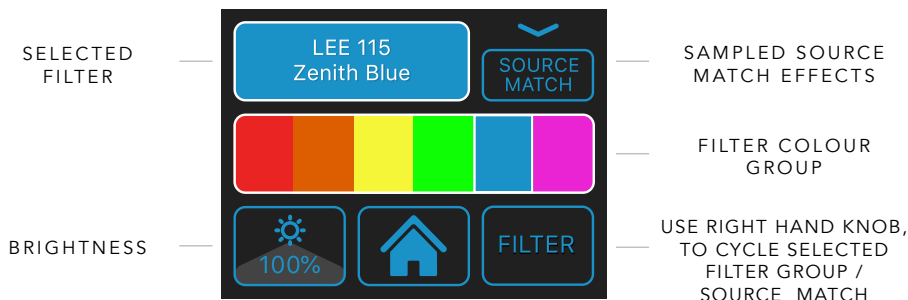Lit with NEO 3 inside Umbrella softbox

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, Tombraider & 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.

ACCESS PRESET BANK

AVAILABLE SFX
(SWIPE TO REVEAL MORE)

FIRE | LIGHTNING | CYCLE

ACTIVE EFFECT
(TOUCH SFX TO START/STOP)

PEAK BRIGHTNESS

TRIANGLE INDICATES
SECONDARY FUNCTION,
TOUCH TO REVEAL

100%

SPEED
1-50 Hz

SFX CONTROL
(I.E. SPEED)

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.

SELECTED
FILTER

LEE 115
Zenith Blue

SOURCE
MATCH

SAMPLED SOURCE
MATCH EFFECTS

FILTER COLOUR
GROUP

BRIGHTNESS

100%

FILTER

USE RIGHT HAND KNOB
TO CYCLE SELECTED
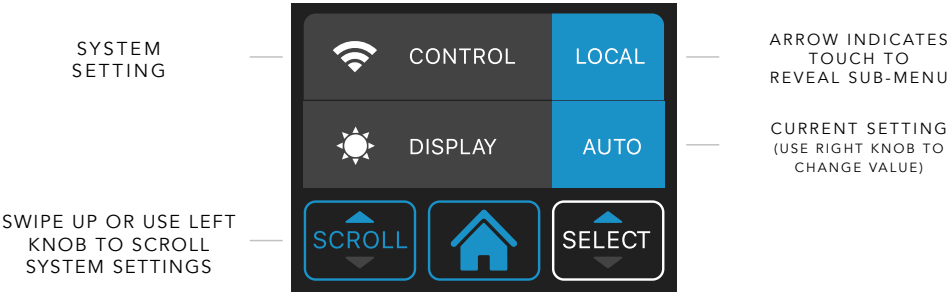FILTER GROUP /
SOURCE MATCH

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.

SYSTEM SETTING — CONTROL LOCAL — ARROW INDICATES TOUCH TO REVEAL SUB-MENU

DISPLAY AUTO — CURRENT SETTING (USE RIGHT KNOB TO CHANGE VALUE)

SWIPE UP OR USE LEFT KNOB TO SCROLL SYSTEM SETTINGS — SCROLL / SELECT

CONTROL (WiFi) → CHANGE CONTROL SETTING
LOCAL CONTROL - CONTROL VIA TOUCHSCREEN OR KNOBS
APP CONTROL - CONTROL VIA ROTOLIGHT APP

FAN CONTROL STEALTH
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

LUX MODE CONSTANT
MAX - **(RECOMMENDED)** MAX POWER, AT ANY KELVIN
CONSTANT - CONSTANT LUX (EXPOSURE) REGARDLESS OF KELVIN.
IDEAL FOR VIDEO OPERATION, REDUCED MAX POWER

SFX MODE DEFAULT
DEFAULT = PRESET SFX COLOURS
CUSTOM = USER CUSTOMIZED COLOUR

DISPLAY AUTO
ON = PERMANENTLY ON
AUTO = AUTO OFF (7 SECONDS INACTIVITY)

STATUS →
LIGHT STATUS
(TEMP, WIRELESS SIGNAL, BATTERY

LANGUAGE ENG
LANGUAGE SELECTOR
ENGLISH, GERMAN, FRENCH, SPANISH, ITALIAN, DUTCH

ABOUT →
SERIAL NUMBER, FIRMWARE, VERSION

COMPLIANCE →
REGULATORY INFO: FCC ID, WIFI, IC & MORE

FACTORY RESET
FACTORY RESET, SCROLL RIGHT KNOB TO ACTIVATE

Lit with AEOS 2

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 of 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.

ROTOLIGHT.COM