OLIGHT | ArkTac Ultra | www.olight.com

USER MANUAL

Product Series Overview

ArkTac Series Introduction:

ArkTac

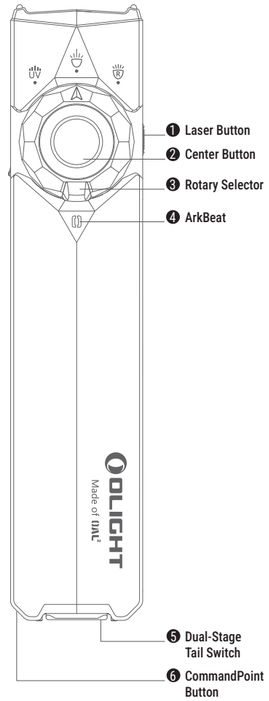
4 light sources; aircraft-grade aluminum alloy body; includes ArkTac and Magnetic Charging Cable.

ArkTac Ultra

5 light sources; OAL 2 body; includes ArkTac Ultra and Magnetic Charging Cable.

ArkTac Ultra Premium

5 light sources; OAL 2 body; includes ArkTac Ultra, ArkSnap, Magnetic Charging Cable, Mounting Bracket, Coin, and Storage Case.



Basic Parameters	ArkTac Ultra
Net Weight (g/oz)	140/4.94
LED	Spotlight: Max 16.7 W/Pure Flood: Max 11.9 W
	Red Light: Max 2.35 W
	UV Light: Max 3.3 W
Dimensions (mm/in)	135.6*29*17/5.34*1.14*0.67
Maximum Light Intensity (cd)	11,556
Maximum Range (m)	215
Operating Temperature (°C)	0 – 45
Waterproof Rating	IPX7
Drop Resistance (m)	1.5

Battery Information	ArkTac Ultra
Battery Capacity (mAh)	2,050
Battery Voltage (V)	3.8
Battery Energy (Wh)	7.79
Charging Method	USB-C/MCC4
Full Charge Time (h)	1.5 (USB-C)/1.5 (MCC4)
Charging Temperature (°C)	0 – 45

Scan the QR code to visit **www.olight.com** for more.

Scan the QR code to access the **instructional video**.

Front Controls: ❶+❷+❸
Tail Controls: ❺+❻

❶ Laser Button
Activates independently, or pairs with Pure Flood, Spotlight, Red Light, or UV.

❷ Center Button
Adjusts brightness for UV, Red Light, and Pure Flood. Double-press for Turbo Spotlight.

❸ Rotary Selector
Switches between Red Light, White Light, and UV.

❹ ArkBeat
8-color usage time tracker; turn off for low-profile use.

❺ Dual-Stage Tail Switch
Light press for Pure Flood, firm press for Spotlight.

❻ CommandPoint Button
User Configurable Button for direct access to Strobe (default), Red Light, UV, or Laser.

ToF Smart Protection

To help prevent accidental activation in enclosed spaces, the flashlight will not turn on if an obstruction is detected at or within 5 cm of the lens. The lockout indicator will light up while the flashlight is temporarily locked out. Normal operation resumes when the obstruction is removed or moves beyond the detection range.

* ToF Smart Protection applies before activation but does not apply to the Green Laser Button. Once the flashlight is on, nearby obstructions will not reduce its brightness, except in UV mode: at High output, UV will switch to Low when an obstruction is detected and return to High when it is removed.

* The detection distance may vary by 1–2 cm under certain conditions. Dense smoke, rain, or fluffy obstructions may cause the ToF function to trigger unexpectedly or fail to trigger.

1. How do I unlock the flashlight before first use?

The flashlight is shipped in Lockout Mode. Before first use, press and hold the Center Button for 3 seconds or longer to activate it, or charge the flashlight to unlock it automatically.

2. How do I lock and unlock the flashlight using the Center Button?

In lockout mode, press and hold the Center Button for approximately 1 second to unlock the flashlight. When the flashlight is off, press and hold the Center Button for approximately 2 seconds to enter lockout mode.

3. How do I select light sources?

Rotate the Rotary Selector to select a light source: UV Light on the left, White Light (Pure Flood/Spotlight) in the center, and Red Light on the right.

4. How do I use the Center Button to turn on/off, access Moonlight, Turbo, and Strobe/SOS, and change brightness?

ON/OFF	Single-press Center Button.
Moonlight ( )	When off, long press Center Button and release when the moonlight indicator illuminates.
Turbo	Quickly double press Center Button.
White: Strobe Red: SOS	Quickly triple press Center Button.
Change Brightness	When on, long press Center Button.

5. How do I use the Dual-Stage Tail Switch for ON/OFF, Momentary ON, and brightness customization?

ON/OFF	Single-press (press and quickly release) to turn the flashlight on or off.
Momentary ON	Press and hold to turn the flashlight on; release to turn it off.
Customize Brightness	To customize the brightness for a light press, lightly press and hold the Dual-Stage Tail Switch, then press and hold the Center Button. Continue to press and hold the Center Button to adjust the brightness.

6. How do I use the Laser Button for ON/OFF, Momentary ON, level switching, and light combos?

ON/OFF	Single-press the Laser Button to turn the Laser on or off.
Momentary ON	When the flashlight is off, press and hold the Laser Button to turn on the Laser; release to turn it off.
Switch Output Level	When the Laser is on, press and hold the Laser Button to switch between the high level (Class 3R) and low level (Class 1).
Laser Combination	The Laser can be activated together with any of the other four light sources. When the Laser and another light source are on simultaneously, single-press the Center Button to turn off both.

7. How do I access Strobe with the CommandPoint Button or switch between fixed- and variable-frequency Strobe?

Momentary Strobe (Default)	Press and hold the CommandPoint Button to activate Strobe. Release it to return the flashlight to its previous state. If the flashlight was on, it returns to the previous light source and brightness level; if it was off, it turns off.
Switch Between Fixed- and Variable-Frequency Strobe	Set the Rotary Selector to White Light, then press the Center Button and CommandPoint Button simultaneously. The white light will flash once to confirm that Variable-Frequency Strobe is enabled. Repeat the operation to restore Fixed-Frequency Strobe.

8. How do I configure CommandPoint for Red Light, UV, or Green Laser and use the selected light source in Constant-ON or Momentary-ON mode?

CommandPoint Customization	**Red Light & UV:** Select the desired light source with the Rotary Selector, then press the Center Button and CommandPoint Button simultaneously. The selected light source will flash once to confirm that it is now available through CommandPoint. Repeat the operation to restore Strobe.
	Green Laser: Press the Laser Button and CommandPoint Button simultaneously. The Green Laser will flash once to confirm that it is now available through CommandPoint. Repeat the operation to restore Strobe.
Constant ON/OFF	Single-press and quickly release the CommandPoint Button to turn the selected light source on or off.
Momentary ON	Press and hold the CommandPoint Button to turn on the selected light source. Release the button to turn it off.

9. How do I wake up ArkBeat?

Once the flashlight is on, ArkBeat remains illuminated for 15 seconds and then turns off. To turn ArkBeat on again, turn the flashlight off and back on.

ArkBeat Color	White	Orange	Yellow	Green	Cyan	Blue	Purple	Dynamic Color
Color Duration	2 h	4 h	8 h	16 h	32 h	64 h	128 h	256 h

*The ArkBeat color changes according to the flashlight usage time, following the sequence above.

*After one full cycle, it resets to white. You can then select any of the 8 colors manually by following the steps below:

Set the ArkBeat Color - In Pure Flood mode, double-press the Laser Button to switch to the next color. Continue double-pressing it to cycle through the colors in the sequence shown above. Once selected, ArkBeat will remain in the chosen color.

****Enable/Disable ArkBeat:*** When off, press and hold the Laser Button while quickly double-pressing the Center Button to enable or disable ArkBeat.

Specifications

Light Sources			ArkTac Ultra
White Light Mode	Spot	Turbo	1,800~600~200 lm/3+100+45 min
	Pure Flood	High	1,300~500~200 lm/3+105+45 min
		Medium	200 lm/6 h
		Low	15 lm/72 h
		Moonlight	1 lm/20 days
		*Power Saving Mode	1 lm/2 h
	Spot	Strobe	13 Hz
Red Light Mode	⁄	High	55 lm/3 h
	⁄	Low	3 lm/90 h
	⁄	*Power Saving Mode	3 lm/2 h
	⁄	SOS	55 lm/8.5 h
UV Light Mode	⁄	High	1,200~580 mW/5+300 min
	⁄	Low	360 mW/9 h
Laser Mode	⁄	Class 3R	≤5 mW/90 h
	⁄	Class 1	≤0.39 mW/260 h

***Power Saving Mode ( )**: When the battery drops below 10%, the flashlight automatically enters Power Saving Mode, running at the lowest brightness to extend runtime and prevent sudden blackouts.

WARNING
- Do not look directly at the light source or shine it into your eyes, as this may cause temporary blindness or permanent damage to your eyes.
- Do not cover the light outlet at close range, as the energy radiated by the light may damage the product's light emitting components, and even cause external objects to burn.
- Do not store, charge, or use this light in a place where the temperature may exceed 60°C.
- Do not remove the battery or replace it yourself.
- Do not short-circuit the charging port with metallic objects intentionally.
- When carrying or transporting, ensure the flashlight is locked to prevent accidental activation that could lead to fire hazards.

NOTICE
- Do not put a hot light into any type of fabric bag or fusible plastic container.
- Do not activate the maximum brightness mode multiple times continuously to prevent the high temperature on the surface.
- When the product gets hot, please switch to low brightness or turn it off temporarily.
- Before long-term storage, please fully charge the product.
- Do not use non-specified chargers to charge this product.
- It is not recommended to use the product while charging.
- Keep the charging port clean and dry.
- Do not lick or place the charging port in your mouth. A small electrical charge may cause discomfort.
- It is normal for the light to flicker when the battery is running low.
- Do not disassemble the product.
- The switch is magnetically sensitive; its function may be affected by strong magnets nearby.
- Do not immerse the flashlight in seawater or other corrosive media as it will damage the product.
- It's recommended to charge the product in environments with temperatures between 0°C and 45°C.

EXCLUSION CLAUSE
Olight is not liable for damage or injuries sustained from using the product inconsistently with the warnings in this manual. This includes, but is not limited to, using the product without the recommended lockout mode.

FCC Compliance Statement
This device complies with part 15 of the FCC Rules. 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.
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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.

ISED Notice
This device complies with Industry Canada's ICES standard(s). Operation is subject to the following two conditions:
(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.
Cet appareil est conforme aux normes ICES d'industrie Canada.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.
This Class B digital apparatus complies with Canadian ICES-005.
Cet appareil numérique de la classe B est conforme à la norme NMB-005 du Canada.

WEEE Disposal and Recycling Information
All products bearing this symbol are waste electrical and electronic equipment (WEEE as in directive 2012/19/EU) which should not be mixed with unsorted household waste. Instead, to protect human health and the environment, you should dispose of your waste equipment at a designated collection point for the recycling of WEEE, appointed by the government or local authorities. Proper disposal and recycling will help prevent potential negative consequences to the environment and human health. Please contact the installer or local authorities for more information about the location as well as terms and conditions of such collection points.

EU Declaration of Conformity
Hereby Zhongshan Olight Manufacturing Co., Ltd. declares that the equipment [ArkTac Ultra] is in compliance with Directive 2014/30/EU and RoHS Directive 2011/65/EU & (EU) 2015/863. The full text of the EU declaration of conformity is available at the following internet address:
https://www.olight.com/download

The battery in this luminaire is not replaceable; when the battery reaches the end of its life, the entire luminaire must be taken out of service.

The electrical connection during the charging operation shall be done indoors.

The light source of this luminaire is not replaceable: *When the light source reaches its end of life, the entire luminaire must be replaced.*

Caution: Do not stare at operating light source.

*Complies with 21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 Ed. 3., as described in Laser Notice No. 56, dated May 8, 2019.

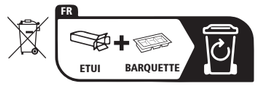


Max Output: 5 mW @510 nm～530 nm Wavelength

Caution:
Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

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Exclusive Offers | Smart Device Control | Customer Service





WARRANTY

We are proud to offer a lifetime warranty in Australia, China, France, Germany, and the USA. We are also working hard to expand coverage to more countries, where we provide a 2 or 5-year warranty. The warranty covers defects in material and workmanship under normal use, excluding loss, theft, deliberate damage, or cosmetic damage. For complete warranty information, please visit Olight.com or your local Olight official website.

Customer Support

Australia: cs.au@olight.com
Canada: cs.ca@olight.com
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