

OLIGHT R50 SEEKER

Olight has been in the flashlight market for some time now. With their constant progress, they outclass some of the biggest companies on the market. Their new products for April 2016 only prove this. They released four new flashlights that satisfy even the pickiest customers.

They release two new headlamps with different LED chips and two search and rescue handheld flashlights. Our team at 365+ has accompanied the company almost through their whole operating time and we are pleased to bring you, the customer some hands-on info from their newest releases. We got to play with the new Search and Rescue flashlight; The R50 Seeker.

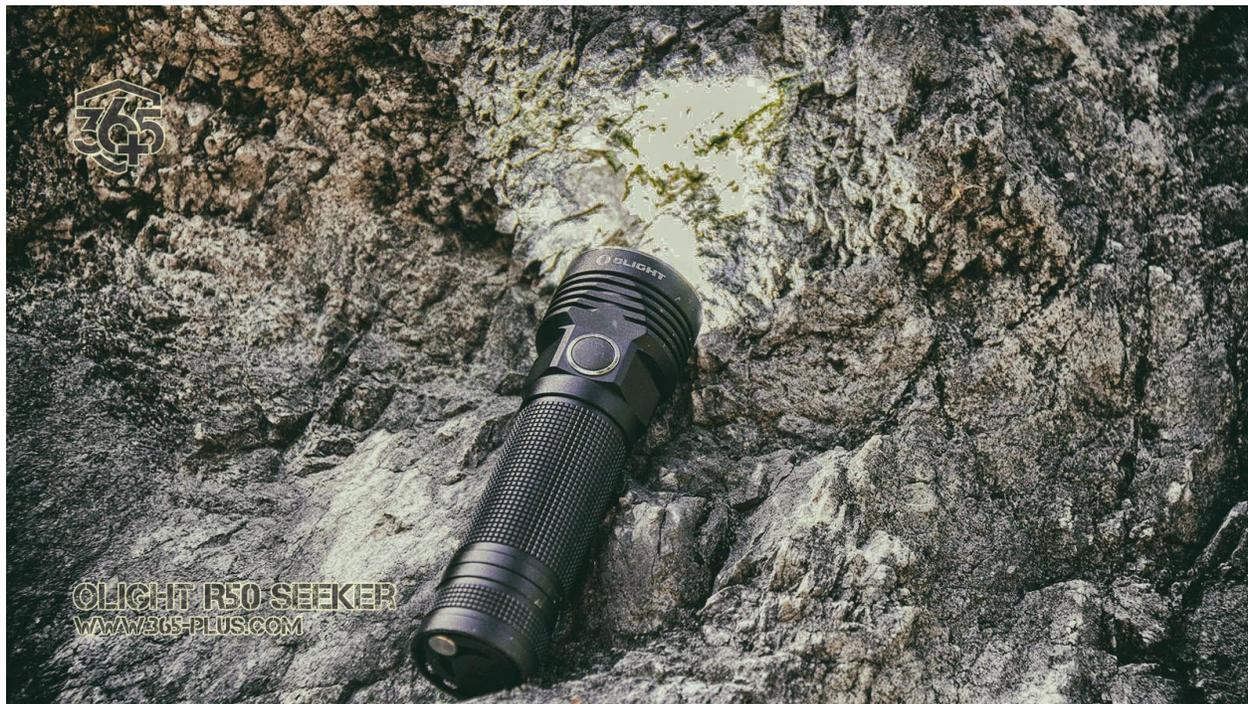


To get the numbers out of the way, here are some specifications, which are not final. Exact specs. will be published when the flashlight is available for purchase on our web store. Its higher output clocks in at a staggering 2500 lumens. It's enough for every use imaginable. While at full power, it will last for roughly two hours.



To be honest, full power is almost never actually needed as medium power is perfect for every-day use. At 550 lumens, it emits just enough light to be useful and not too bright. Also the run time is dramatically increased as it will run for roughly 10 hours while in medium mode.

The lowest setting is around 75 lumens, which is perfect for use in close quarters. While in this mode, the flashlight will run for up to 100 hours. Perfect for extended use around campsites. It's 133mm long and weighs 220 grams without battery installed.



It's rated under ANSI/NEMA FL1-2009 Standards and achieves IPX-8 for being waterproof up to 2 meters and drop proof at 1 meter.



It runs on one rechargeable 26650 Lithium Ion battery cell, with a capacity of a whopping 4500 mAh. The cell can be recharged while installed in the flashlight, with the provided USB cable. The tail cap houses the micro USB connector slot, which glows red while charging and green when the battery is fully charged. A nice feature to prevent unnecessary power consumption, since the flashlight can also be recharged from your "power bank". Keep in mind the capacity though, as it will keep charging until unplugged or fully charged. A wall outlet USB power adapter is also provided in the package with a 50cm long cable.



When not in use, the charging port is covered with a durable silicone cap. It prevents dirt and water from entering the port and can usually be replaced if the original tears off during improper use.



The tail cap can be unscrewed so you can remove and replace the battery. Its threads are nice and thick, so there is almost no chance someone could assemble the flashlight in an improper way. Surrounding the top and bottom battery connection inside, is a silicone o-ring, to prevent power cuts in extremely shaky environments (weapon mounted or dropped). This also prevents physical damage to the battery itself. When the flashlight is assembled, there is no rattling of the battery or any other components inside.



It also features an attachment point for the supplied lanyard. The holes are milled into the body so there is no fear of failing. They are also big enough, to squeeze some gutted 550 paracord through.



The side wall is high enough, to reach over the charging port cover, thus allowing the flashlight to stand on its tail. This way, it can be used as a lantern in closed spaces. With some imagination, you can set it up almost anywhere. With the strobe function and the optional orange signal cone, it can easily be used as an emergency marker.



This is the only point where the light comes apart, as its aircraft aluminum “unibody” ensures maximum sturdiness and durability for heavy duty use. It's finished with anti-scratch type III hard anodizing and the head is protected with a stainless steel bezel. In the hands, it feels compact and comfortable.



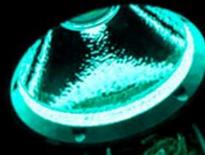
Just below the head of the flashlight there is a nice hexagon shaped neck, with a clickable rubberized button. The flashlight can be operated with a few simple clicks. One for ON, two for immediate max power and one for OFF. With three clicks you can access the 10hz strobe mode for defense applications. Brightness levels can be changed by holding down the button while the flashlight is ON. LOCK mode can be engaged by holding down the button for three seconds while the flashlight is OFF. This prevents accidental powering on, while carrying the flashlight in a backpack or purse. The button also glows red to let the user know, why the flashlight is not powering on. If in LOCK mode, it glows for a second before turning off. If the battery is drained, it flashes three times. Its internal processor ensures that the cell will not be damaged by over discharging, false installation of the battery or overheating.



While the flashlight head sports some cooling elements, it can get quite warm when using it constantly at full power. These “ribs” are shaped in such a manner, that you can locate the operating button quickly in total darkness. Put your index finger and thumb on the smooth part and just slide them down. The button should be under one of those fingers, ready to be pushed.

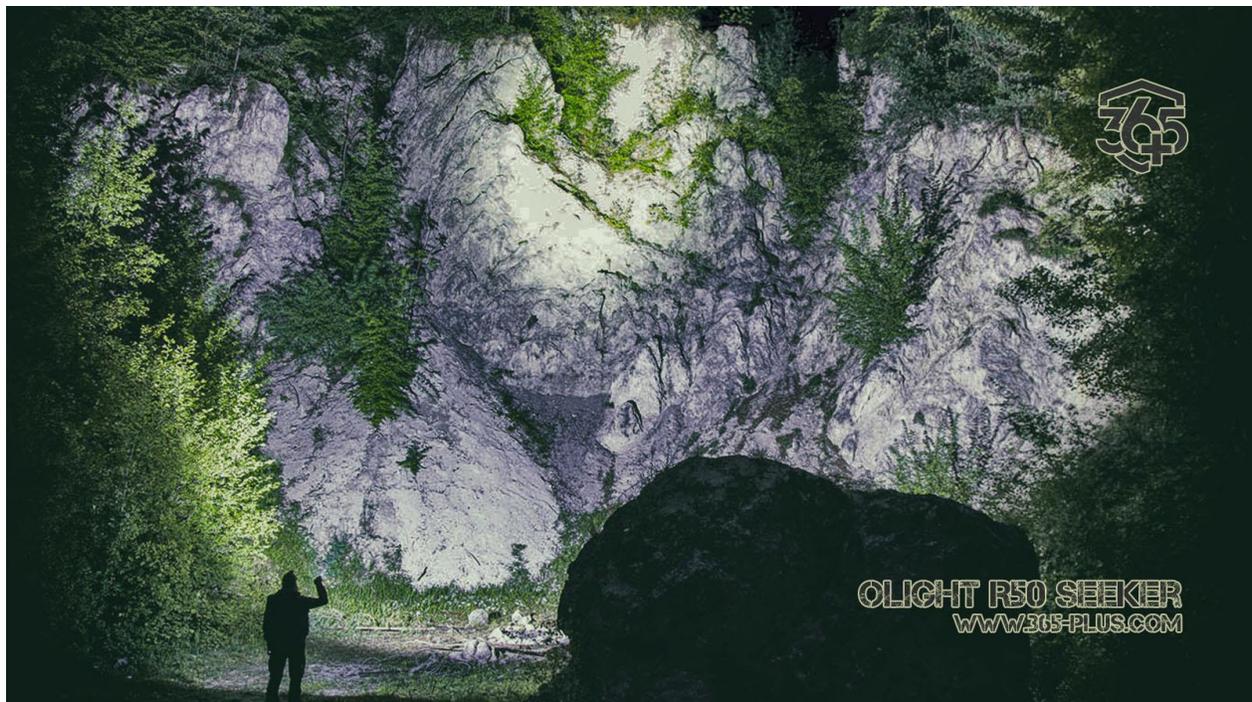


Its LED chip is currently the new XHP50. XHP50 LED is a member of Cree’s Extreme High Power (XHP) class of LEDs that redefines lumen density and reliability. At its maximum current, the XHP50 LED delivers twice the light output of the industry’s brightest single-die LED, the XM-L2 LED, at a similar lumens per watt and without increasing the package footprint. The XHP50 LED also achieves longer lifetime at higher operating temperatures. The overall result is significantly lower thermal, mechanical and optical costs. This is complemented with a shallow «orange peel» reflector, to provide a wall of light. Because of this setup, its effective throw is around 300 meters, which is perfect for searching a wide area. As mentioned above, the head is protected with a stainless steel bezel, but it also “hides” a second neat feature.



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The silicone ring just between the glass and the bezel is lightly photoluminescent. This means that when you turn the flashlight off, it softly glows blue. So if you miss the pocket and drop the flashlight after use, you will be able to spot it in the dark and quickly recover it. This is a trick many companies use and it has seen huge popularity in the camping community.



This flashlight is a successor of the popular R40, which is being used by police officers, security guards and all kinds of hobby-ists all over the world. With a shorter body and more power it will surely become a new standard. From what we know, there will also be some models with a charging dock available, but a lower IPX standard, called the L5R. The dock will feature a strong double sided tape and some screws for mounting options and a metal disc in the base. The flashlight tail cap will feature a magnet that will secure the connection. The magnet will be to some extent also useable like the on the smaller S1 and S10 versions.



In conclusion this is a magnificent flashlight. It's sleek and clean design makes it useable in all situations by all users. From a geared up police officer on a road checkpoint to a lady, walking her dog in the woods. Highly waterproof and tough for use in any and all conditions.



It can be equipped with optional signal cones in white or orange color and different diffusers or color filters. With its high-capacity battery it will last as long as the task at hand and its simple-to-use functions will ensure a pleasant experience.



We specialize in Military/Police/Outdoor equipment and can provide solutions for all situations. For more info and a full Olight assortment, be sure to check out our web site at:

<http://www.365-plus.com>