

FM-1001: The Beacon of Durability - Your Outdoor Illumination Partner

In the world of outdoor exploration and adventure, the quest for a reliable and robust light source can often be as challenging as the terrain itself. [Shieldon Manufacturing](#) & Trading Combo business introduces the FM-1001 Flashlight, a high-performance tool designed to illuminate your expeditions with unmatched brilliance and endurance. With a body forged from aviation aluminum alloy and a suite of features tailored for the harshest environments, the FM-1001 is your steadfast companion in the great outdoors. This purchasing description will guide you through the impressive specifications of this essential gear.



Introducing the FM-1001 Flashlight

The FM-1001 is more than just a flashlight; it's a testament to the fusion of advanced technology and rugged durability. With a luminosity that cuts through the obscurity of the night at a staggering 800 lumens, this flashlight stands as a beacon in the most challenging of environments, be it on a dive, on a mountain trail, or in any emergency scenario.

Unyielding Construction

Crafted from premium aviation aluminum alloy, the FM-1001 is engineered to withstand the rigors of outdoor use. This material is renowned for its strength-to-weight ratio, offering a robust frame that resists the trials of outdoor adventures without excessive burden. At a weight of 545g (19.22 oz), the flashlight remains portable while promising longevity.

Ergonomic and Resilient Handle

The handle of the FM-1001 is made from a high-quality acid, alkali, and fire-proof PC material, ensuring a secure grip in any situation. Even in the most corrosive sea waters or amidst the lick of flames, the handle remains unyielding, offering a steady handhold for critical moments.

Dimensions for Dexterity



Measuring at a length of 238mm (9.37") and a thickness of 57mm (2.24"), the FM-1001 strikes a perfect balance between size and usability. Its dimensions are optimized for ease of handling, storage, and transportation, making it an indispensable tool for any outdoor enthusiast.

A Beacon of Brilliance

The FM-1001's 800 lumens beam of light is capable of reaching up to 1640 feet (500m), turning night into day. Whether navigating through the dense forest or signaling for help, its powerful light path distance ensures you can see and be seen.

Uninterrupted Illumination

Equipped with 3 Lithium Polymer batteries, the FM-1001 boasts an impressive 12-hour runtime. This extended period of illumination means that you can rely on the flashlight throughout the night or during prolonged expeditions without the worry of darkness creeping in.





Battle-Tested Against the Elements

A flashlight's worth is proven in its ability to operate under extreme conditions, and the FM-1001 excels with a water resistance level that withstands depths of up to 196.8 feet (60m) underwater. It is not just water-resistant but dive-ready, making it an exceptional choice for scuba divers and marine researchers.

Vibrant Visibility

The handle color is a conspicuous yellow, ensuring that the flashlight is easily spotted against any backdrop. Whether dropped in thick underbrush or on a rocky ledge, the FM-1001 remains conspicuous, allowing for quick retrieval.

Presentation and Protection

The FM-1001 is encased in a beautifully designed gift box, making it an ideal present for the outdoor aficionado in your life. Not only does the box add a touch of elegance, but it also provides a layer of protection, preserving the flashlight's aesthetics and functionality through transportation and storage.

Availability and Custom Order Service

Shieldon guarantees that the FM-1001 is readily available in stock, ensuring prompt delivery for immediate adventures. For businesses looking to tailor the product to specific customer bases, Shieldon provides an Original Design Manufacturer (ODM) service with regular minimum order quantities (MOQ), offering a unique opportunity for customization.

Purchasing Description



When you invest in the FM-1001, you are securing more than just a source of light; you are equipping yourself with a tool built for resilience, designed to meet the diverse demands of the outdoors. Its substantial light output, extensive reach, and prolonged runtime are crafted to offer a beacon of safety and assurance in any expedition.

The selection of materials speaks volumes about Sheldon's commitment to quality and durability. The aviation aluminum alloy body is ready to face the unforeseen impacts of outdoor exploration, while the specialized handle assures a strong grip and resistance to corrosive elements.

Moreover, the FM-1001's extensive water resistance not only makes it a viable option for land-based adventures but also positions it as an essential tool for underwater exploration.

Divers can delve into the deep blue with confidence, knowing their path will be well-lit by this formidable flashlight.

Retailers seeking a reliable, high-performance flashlight to offer their customers will find the FM-1001 an attractive addition. Its vibrant color, thoughtful design, and robust build quality set it apart from other offerings in the market. With Sheldon's readiness to fulfill orders and the



option for product customization, businesses can cater to a broad audience, from casual campers to professional divers.



The FM-1001 Flashlight from Shieldon Manufacturing & Trading Combo business is more than a torch; it's a lifeline for those who dare to venture into the unknown. Illuminate your journey with the FM-1001 – your outdoor illumination partner, engineered to endure, designed to dazzle.

A Light in the Darkness - The Illuminating Tale of the Flashlight

Flashlights, those portable beacons that banish the shadows, have become such an ingrained part of our lives that it's hard to imagine a world without them. In this journey, we'll traverse the history, origin, and development of the flashlight, shining a light on how this indispensable tool evolved from a simple, flickering flame to the modern marvel of luminescence we rely on today.



The Sparks of History

The story of the flashlight begins long before electricity. For centuries, humans have been creating portable light sources. From the torches of ancient times to the lanterns that guided

the footsteps of night-time travelers, the desire to carry a piece of the sun into the darkness has always been a human endeavor.

The concept of the flashlight as we know it, however, could not take shape until the advent of the electric light. It was the incandescent bulb, invented by Thomas Edison in 1879, that paved the way for portable lighting. Yet, bulbs alone were not enough; they needed a source of power. Early batteries were bulky and drained quickly, hardly suitable for portable use.

The Dawn of the Portable Light

The true origin of the handheld flashlight dates back to the late 19th century. In 1896, the first dry cell battery was invented, which unlike its predecessors, did not spill or break easily and provided a more stable and enduring power source.

Soon after, in 1899, David Misell, an inventor, capitalized on this advancement by placing a bulb and a rudimentary reflector at one end of a dry cell battery tube, with a switch on the side. This was the birth of the "electric hand-torch," patented and subsequently manufactured by the American Electrical Novelty and Manufacturing Company – which would later become Eveready, now known as Energizer.

Misell's portable electric hand-torch was a revolutionary step, but it bore little resemblance to today's flashlights. It was a tube with a crude light bulb and reflector that emitted a weak, inconsistent light – more of a novelty than a reliable tool. Its name, "flashlight," came about because the early versions could only provide light in short bursts or "flashes" before the batteries would deplete.

Light Through the Ages

As technology advanced, so did the flashlight. In the early 20th century, the flashlight began its evolution. Improvements in battery life and bulb efficiency led to a more stable and continuous light source. The flashlight became a staple for soldiers in the World Wars, where it was used for signaling and navigating dark trenches.



With the introduction of the tungsten filament bulb in the 1920s, flashlights became brighter and more energy-efficient. This was followed by the invention of the halogen lamp in the 1950s, which provided a whiter, more intense light. By the 1960s, rechargeable batteries increased the flashlight's convenience and cost-effectiveness.

A Burst of Innovation

The real game-changer came with the advent of Light Emitting Diodes (LEDs) in the 1990s. LEDs offered a light source that was more durable, longer-lasting, and more energy-efficient

than any of its predecessors. Flashlights became smaller, lighter, and more powerful, with some capable of lighting up entire football fields.

Modern flashlights now offer features like adjustable beams, multiple brightness settings, strobe functions for emergencies, and even solar-powered charging. They've become not just tools for seeing in the dark but also instruments for safety and rescue operations, with specialized designs for diving, tactical applications, and search and rescue.

Conclusion: Illuminating the Present

Today, the flashlight stands as a testament to human ingenuity and the constant pursuit of improvement. From a tube that flickered and faded to sophisticated devices that can last for days on a single charge, flashlights have illuminated the path of progress.





As we reflect on the development of the [flashlight](#), we are reminded of our intrinsic desire to push back the darkness and bring light wherever we go. The flashlight is no longer just a tool; it's a symbol of our ability to innovate and adapt, shining a light not only on our surroundings but also on our capacity to overcome the challenges of the dark.