

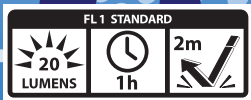


# SAPPHIRE® USB



Saphire Wearable Lights® introduced the concept and set the standard for personal LED lighting. With millions sold, the simple design, premium materials and brilliant output established a set of criteria which were often imitated, but never equaled.

The second generation Saphire takes this award winning design to a new level of sophistication. Nichia LEDs provide a brilliant white 20 lumen light engine as measured against the ANSI FL1 Standard. A precision metal frame encases a polymer based Lithium-Ion rechargeable power cell. This diminutive Wearable Light may be charged via the USB port of any computer or on any micro USB compliant cell phone charger (BlackBerry, Motorola, Nokia, Samsung). The battery indicator blinks red when charging. It turns solid green when fully charged. Side panels of the new Saphire are cut from anodized aluminum. They will not scratch, dent or discolor. An edge mounted two-position switch provides intermittent or constant activation.



- USB Rechargeable
- Micro USB Port
- Lithium Polymer Battery
- Charge Indicator
- Precision Frame

Not a trinket. Not a toy. The Saphire continues the ASP tradition of mission specific work lights. Twenty lumens of brilliant white output. Intermittent or constant on activation. Micro USB charging. Available with a precision metal or lightweight polymer frame and anodized aluminum side panels. Saphire Wearable Lights by ASP. Simply Brilliant.

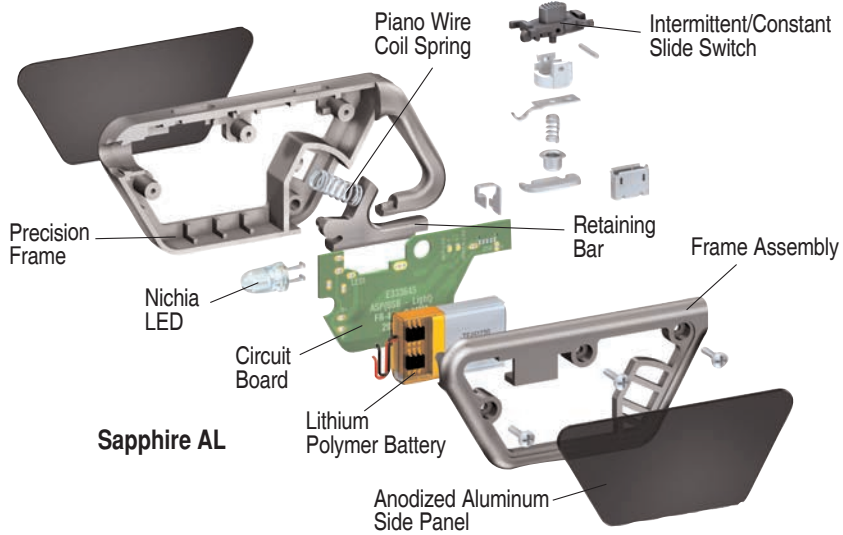
# Sapphire USB . . . Simply Brilliant



**Tri-Ring® Clip** features a coil spring for smooth opening and automatic closing.



**Poly Sapphire**



## Background

Designed to professional standards  
Extremely bright  
Polymer or metal frame  
Integral retention clip

## Specifications

|                                  |            |           |
|----------------------------------|------------|-----------|
| Length                           | 2.88"      | 73.2 mm   |
| Width                            | 1.10"      | 27.9 mm   |
| Thickness                        | .43"       | 10.9 mm   |
| Weight                           | 1.5 ounces | 42.5 gram |
| System                           | 3.7 volt   |           |
| Output                           | 20 lumens  |           |
| Run Time                         | 1 hour     |           |
| Charge Time                      | 45 minutes |           |
| Impact Resistance                | 2 meters   |           |
| Produced to aerospace tolerances |            |           |

## Panels

High strength aluminum alloy  
Bright dip industrial anodizing  
Brushed aluminum  
Polished aluminum



The **Keystone** and **Micro Flex** provide a compact connection for USB charging.

## Frame

Precision polymer or metal  
Micro USB port  
No sharp edges

## Battery

3.7 volt  
Lithium polymer  
Rechargeable  
Low temperature certified  
Leak proof  
Vibration resistant  
Fitted battery compartment

## Switch

Edge mounted  
Intermittent  
Constant  
One hand operation

## Lamp

Nichia LED  
High luminous intensity  
High efficiency  
Visible over one mile  
100,000 hour rating  
Semiconductor based

## 180° viewing radius

Solid state  
Minimal power requirements  
Minimal heat generation  
Non-deteriorating light  
Shockproof  
Vibration proof  
Impact resistant  
Water clear acrylic lens  
Even light distribution (no hot spots)

## Retention Clip

Triangular profile  
Coil spring tensioned  
Wide mouth  
Automatic attachment

## Available Custom Options

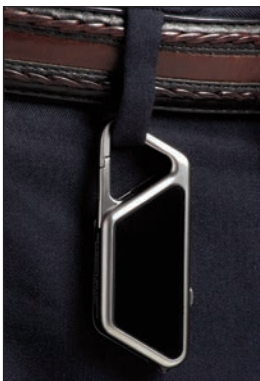
Laser engraveable  
Diamond cut  
Rubberized  
Die struck  
Color fill

## Warranty

Limited Lifetime

## Genuine ASP

Look for the colored panels and contrasting frame.



**USB Wall Chargers** are flat, compact and easily carried.

**USB Car Chargers** are ideal for travel.



**Retractable USB Cords** are compact, convenient and dependable.



"Simply Brilliant"

