

**SIDEWINDER STALK®**

**DESCRIPTION:** Ultra-compact, high performance LED helmet light. The Sidewinder Stalk® features a variable color LED housed in the head mounted to the flexible stalk and IR Friend or FOE ID capability. Several mounting options give the user varied methods to attach the Sidewinder Stalk® to their helmet or gear. These features combined with a multifuel battery source creates the ideal configurable light.

**CHARACTERISTICS:** Main LED head mounted to flexible stalk.  
Multi-color LEDs operable at varying output levels and run times.  
LED colors include white, red, blue, green and IR LEDs.  
Equipped with Identification, Friend or Foe (IFF) strobe.  
Configured with an ambidextrous ARC Rail Clip or hook and loop adapter plate or a MOLLE clip.  
Operates from a single CR123A Lithium, AA Alkaline or AA Lithium battery.

**CASE MATERIAL:** High-impact nylon offers exceptional durability and weather resistance.  
All openings are O-ring sealed. Available in Coyote.

**DIMENSIONS:** Length: 5.51 in. (14 cm)      Width: 0.86 in. (2.18 cm)      Depth: 1.81 in. (4.60 cm)

**WEIGHT:** 2.88 ounces (81.65 grams) with AA battery and hook and loop adapter.  
3.20 ounces (72.57 grams) with CR123A battery and hook and loop adapter.

**LENS:** Polycarbonate lens with scratch-resistant coating. Gasket sealed.

**ILLUME SOURCE:** White LED, impervious to shock with 50,000 Hour lifetime.  
High (100%) IR LED, 940 nm peak wavelength, impervious to shock with 100,000 Hour lifetime.  
Red LED, 630 nm peak wavelength, impervious to shock with 50,000 Hour lifetime.  
Blue LED, 485 nm peak wavelength, impervious to shock with 50,000 Hour lifetime.  
Green LED, 535 nm peak wavelength, impervious to shock with 50,000 Hour lifetime.  
3535 IFF IR LED, 945 nm peak wavelength, impervious to shock with 50,000 Hour lifetime.

**ILLUME OUTPUT:** White LED: w/CR123A: 76 lumens, 200 candela peak beam intensity and 28m beam distance.  
High (100%) White w/AA: 57 lumens, 130 candela peak beam intensity and 23m beam distance.  
IR LED: 5.0 lmW/sr (min) radiant intensity.  
Red LED: 9 lumen, 12 candela peak beam intensity and 7m beam distance.  
Blue LED: 8 lumens, 14 candela peak beam intensity and 8m beam distance.  
Green LED: 20 lumens, 39 candela peak beam intensity and 12m beam distance.  
3535 IFF IR LED: 5.0lmW/sr (min) radiant intensity.  
Illumination output electronically regulated.

**ON/OFF/INTENSITY MODE SELECTION:** Push button switch for on/off and intensity control. Rotate the selector knob to select a different stalk light output mode. Identification, Friend or Foe (IFF) strobe activated by a three-position switch with a center "Off" position and two "On" positions.

**RUN TIME:** See chart on Page 2. All run time claims to 10% of initial output level.

**BATTERY:** One (1) CR123A size lithium cell, AA size alkaline cell or AA size lithium cell. Lithium cells allow operation in extreme temperature environments (-40F to 140F).

**RELIABILITY:** On/Off switch lifetime rated to 300K operations. Rotary selector knob uses a magnetic Hall effect switch design which requires no mechanical connection.

**FEATURES:**

3-meter multiple orientation impact resistance tested.  
IP67 Rated; dust-tight and waterproof to 1 meter for 30 minutes.  
O-Ring and gasket sealed openings.  
Meets MIL-STD-810H, Method 512.6 Immersion.  
Rotary selector knob prevents accidental mode changes.  
IFF strobe activated by a three-position ambidextrous switch.  
On/Off switch enables/disables selected illumination source starting at low output and progressing to the brightest output in 3 discrete steps (Double click of push button initiates high output strobe of selected illumination source).  
Built in battery polarity protection guards against damage to the light.

**APPROVALS:** Meets applicable European Community Directives. 

**WARRANTY:** Streamlight warrants its Sidewinder Stalk® (except batteries) will be free from manufacturing defects under normal use for 12 months after purchase. During the warranty period, at its sole discretion, Streamlight will repair or replace any defective part or product.

**OPTIONAL ACCESSORIES:** Rail Mount Adapter, Helmet Mount Adapter, Aviation NVG Mount, Tactical NVG Mount

**RUN TIME CHART:**

<u>CR123A Lithium Battery</u> LED Type	Low	Medium	High	Strobe
White	95 Hours	15 Hours	5.6 Hours	11 Hours
Red	112 Hours	36 Hours	19 Hours	34 Hours
Green	80 Hours	27 Hours	13 Hours	25 Hours
Blue	80 Hours	27 Hours	13 Hours	25 Hours
IR	174 Hours	57 Hours	32 Hours	61 Hours
IR w/ IFF beacon	150 Hours	40 Hours	21 Hours	43 Hours

<u>AA Lithium Battery</u> LED Type	Low	Medium	High	Strobe
White	79 Hours	16 Hours	6.0 Hours	11 Hours
Red	109 Hours	36 Hours	19 Hours	36 Hours
Green	84 Hours	26 Hours	13 Hours	23 Hours
Blue	77 Hours	25 Hours	13 Hours	25 Hours
IR	173 Hours	55 Hours	33 Hours	60 Hours
IR w/ IFF beacon	187 Hours	51 Hours	32 Hours	47 Hours

<u>AA Alkaline Battery</u> LED Type	Low	Medium	High	Strobe
White	66 Hours	8 Hours	3.8 Hours	5.5 Hours
Red	85 Hours	24 Hours	10 Hours	25 Hours
Green	55 Hours	15 Hours	5 Hours	17 Hours
Blue	61 Hours	16 Hours	6 Hours	18 Hours
IR	145 Hours	39 Hours	20 Hours	41 Hours
IR w/ beacon	115 Hours	38 Hours	19 Hours	35 Hours

