

Bright Star LIGHTHAWK MAX LANTERN

The first-ever LANTERN to utilize lithium-ion battery technology. Wall and/or vehicle mountable and totally waterproof. Low battery indicator and high visibility flashing LED taillights and many other features.....



LIGHTHAWK MAX LANTERN

- Flashing taillights
- Large handle
- Articulating head
- Inset switch
- Totally waterproof (it floats !)

- Rechargeable
- Lightweight (1.9lbs !)
- Lithium-ion batteries
- Deep dish reflector
- Heat & chemical resistant
- Low battery indicator

120,000 candlepower



A lightweight, high performance lantern equipped with highly visible taillights – a solutions-based tool that meets the needs of a wide range of Firefighters, Police, Ambulance, Public Safety, and other Emergency Services professionals.



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**Lightweight
1.9lbs with Battery**

Deep dish reflector



Articulating head



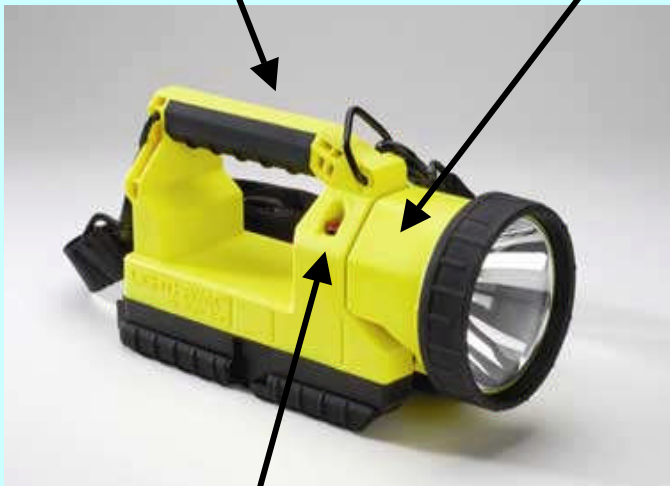
**Rubberised impact points
for shock absorbency**

Inset switch

**Wide strap with
quick release**

**Large handle
(Suitable for gloved hand)**

**Super-tough nylon.
Heat & chemical resistant.**

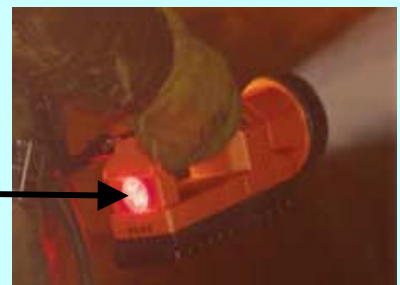


**Charger
Base**

**Low battery
indicator**

**Charge Status
Indicator**

Piercing LED Taillights



Totally Waterproof & it Floats !

BRIGHT STAR'S LIGHTHAWK - THE WORLD'S LIGHTEST FULL-POWER LANTERN

The lightest, most advanced lantern available today. Ultra-lightweight, unique, maximum visibility flashing LED taillights, lithium-ion battery technology, superior piercing beam. Portable, compact, wall and vehicle mountable and totally waterproof and much more, the Lighthawk redefines what professional users expect from a lantern today....

“Ever since our first flashlight in the 1930’s, Bright Star has been setting new standards in flashlight quality, design and technology, all of which we’ve incorporated in our ground breaking new Lighthawk™. It’s the first lantern to be powered by lithium-ion battery technology. This means it has all the smoke-piercing power (up to 264 lumens/120,000 candlepower) and the battering-ram toughness of a lantern, but only two-thirds the weight of its closet competitor. It’s loaded with other smart features, including unique maximum-visibility LED taillights, a 90° articulating head and an indicator for low battery power”.

Product Features

Rechargeable	Vehicle & wall mountable
AC and DC Input	Microprocessor controlled
Lithium-ion battery technology	3-position toggle switch
High-quality reflector	Superb smoke-piercing ability
Waterproof (24 hrs at 1 ft)	LED charge status indicator
Superior brightness	Low battery indicator
Bulb life of 50 hours	Non-slip rubber bottom + handle
Burn time from 2.5 to 10 hours	Handle designed for gloved hands
High visibility flashing LED taillight	Rubberised impact points
90° Articulating head (Fixed head also available)	Super tough chemical/heat resistant nylon
Quick release strap included	Includes spare bulbs

Lithium-ion batteries - why ? The use of Lithium-ion batteries gives the user two main benefits. Firstly, it results in an extremely lightweight Lantern weighing in at less than 2lbs. Secondly, where other battery types begin to lose their strength the moment they are switched on Lithium-ion cells maintain their brightness throughout the charge period. The Lighthawk therefore offers full power and full brightness throughout its entire burn time. The Lighthawk also offers a 1:1 burn-to-charge ratio.

Specifications

	<u>4-Cell</u>	<u>6-Cell</u>	<u>8-Cell</u> **
Power Source:	Lithium-ion	Lithium-ion	
Lamp:	XPR12	XPR12	
Bulb Life:	50 hours	50 hours	** 8-Cell Lighthawk. Please request information.
Light Output:	264 lumens	264 lumens	
Light:	1.9lbs	1.9lbs	
Burn Time:	2.5 hrs	3.5 hrs	10 hrs
Charge time:	3.5 hrs	4.5 hrs	

Dimensions

Length: 9.5", Width: 3.125", Height: 5.125"

Colours

4-Cell available in Black, Yellow or Orange.
6-Cell available in Black, Yellow or Orange.

UL Safety Approvals

Class I, Div 2, Groups A, B, C, and D. Temperature Code: T1 (Lighthawk 4-Cell & 6-Cell).
Class II, Div 2, Groups F and G. Temperature Code: T3 (Lighthawk 8-Cell).

NFPA Certified

NFPA 1901 14.1.11.2

LIGHTHAWK LANTERN - ADDITIONAL INFORMATION

DURABILITY * STRENGTH * TEMPERATURE * TAILLIGHTS * SAFETY APPROVALS

The Lighthawk has been designed and built to meet IP67 standards. (IP-67 is an international waterproof and dust proof specification - as used in ATEX and other directives).



Durability

There is a durability test that is conducted on the light body and lens assembly prior to the IP testing. This involves the product being heated to 150°C for 30 days, and then frozen at -25°C for 10 days. The light is removed from the freezer and a 1KG weight is dropped onto the centre of the lens to try and break it. The significance of the temperature cycling is to simulate a 20-year plastic aging process. The lens assembly (made from Polycarbonate Lexan material) passes this test with no difficulty.

Temperature

With regards to temperature - the LightHawk is designed to be a fire fighters primary light. The light has a high heat rating. In the United States the light needs to function at high temperatures. Specifically, fire fighters are protected at 150°C for 40 minutes. The Lighthawk survives this and more. One of the primary requirements was that it will not melt....

Lighthawk Taillights



Lighthawk Charger Base



The unique “Piercing Pattern Signalling Lights” have 2 elements:-

(1). The Lighthawks Taillights are Red and White. RED is used because the human eye sees RED very efficiently – unlike the BLUE colour used on other lights. Signalling lights are used in order to be seen. For example, when a fire fighter enters a smoky room or when a police officer is directing traffic on a rainy night. We think it's best to give the eye a wavelength it sees best in order to be seen quickest and most clearly.

(2). The LED's flash at 100 pulses a minute - the exact frequency needed for the human subconscious mind to notice it. Result - without thinking about it, your eyes are “drawn” to the Lighthawk's Piercing Pattern.