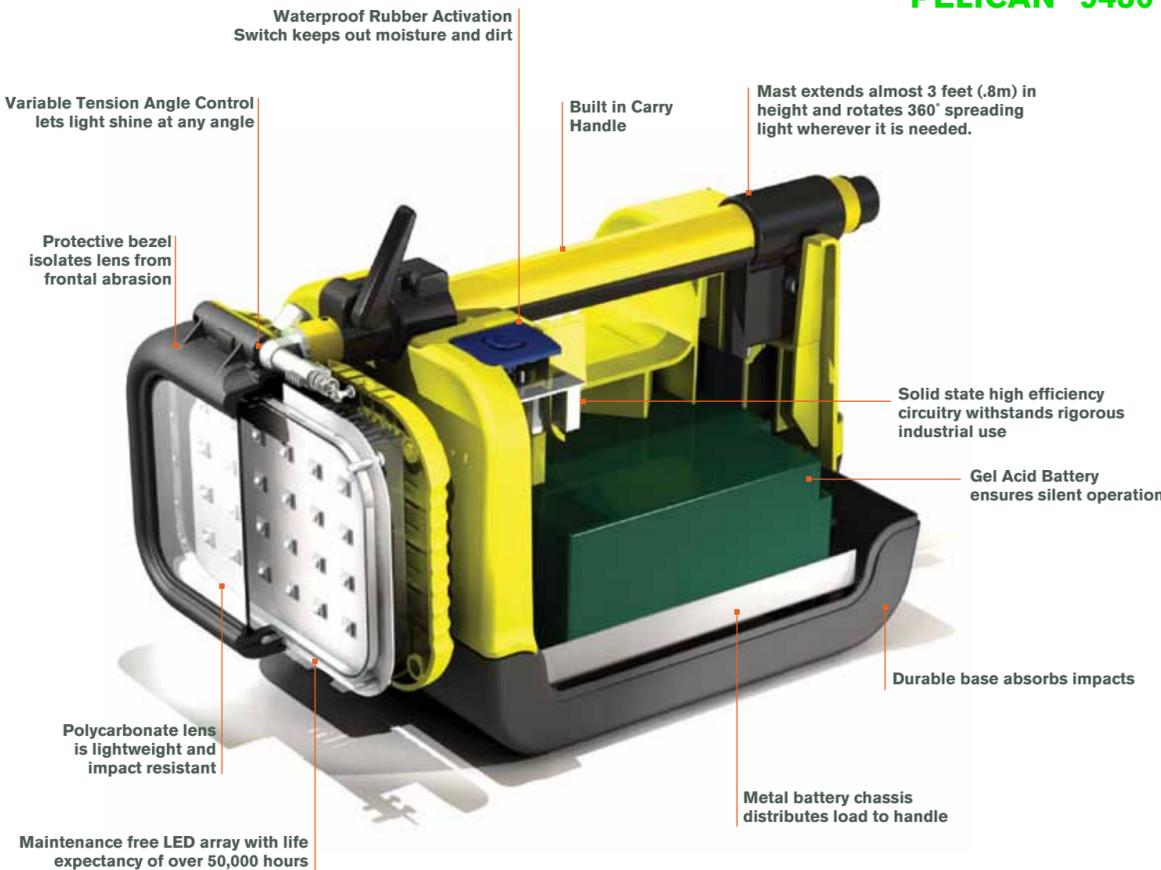


# UNDER THE MICROSCOPE

## PELICAN™ 9430



### SPECIFICATIONS

| Model                | 9430  | 9430IR                                   | 9430SL                                   | 9435                                     | 9440                          | 9445                           | 9460   | 9470   | 9500*   |
|----------------------|---|--|--|--|-------------------------------|--------------------------------|--|--|---|
| Light Source         | High Flux LEDs  | Infrared 940nm                           | High Flux LEDs                           | High Flux LEDs                           | LED                           | LED                            | High flux LEDs   | High flux LEDs                                 | High Flux LEDs  |
| Lamp Heads           | 1   | 1  | 1  | 1  | 1                             | 1                              | 2  | 4  | 3   |
| No. of LEDs          | 24  | 24                                       | 24                                       | 18                                       | 10                            | 8                              | 24 (per head)  | 24 (per head)                                  | 24 (white)/12 (red) (per head)                                |
| Beam Spread          | 90°   | N/A                                      | 10°                                      | 90°                                      | 120°                          | 90°                            | 90°  | 90°  | 210° Diffused   |
| Batteries            | 12v Rechargeable, Sealed  | 12v Rechargeable, Sealed                 | 12v Rechargeable, Sealed                 | NIMH                                     | NiMH                          | NiMH                           | 12v Rechargeable, Sealed   | 12v Rechargeable, Sealed                       | N/A   |
| Tested Lumen Value   | 1000 (Low)<br>2000 (High)   | N/A                                      | 1000 (Low)<br>2000 (High)                | 750 (Low)<br>1500 (High)                 | 1200 (Low)<br>2400 (High)     | 450 (Low)<br>900 (High)        | 2000 (Low)<br>4000 (High)  | 4000 (Low)<br>8000 (High)                      | 1200 (red)<br>6000 (white)                                    |
| Battery Burn Time    | 15 hrs. (Low)<br>8 hrs. (High)  | 15 hrs. (Low)<br>8 hrs. (High)           | 15 hrs. (Low)<br>8 hrs. (High)           | 10 hrs. (Low)<br>5 hrs. (High)           | 6 hrs. (Low)<br>3 hrs. (High) | 14 hrs. (Low)<br>7 hrs. (High) | 14 hrs. (Low)<br>7 hrs. (High)   | 14 hrs. (Low)<br>7 hrs. (High) per head        | N/A   |
| Dimensions           | 7.9" x 15.8" x 9.1"<br>(20 x 40 x 23 cm)  | 7.9" x 15.8" x 9.1"<br>(20 x 40 x 23 cm) | 7.9" x 15.8" x 9.1"<br>(20 x 40 x 23 cm) | 7.9" x 15.8" x 9.1"<br>(20 x 40 x 23 cm) | 7.9" x 37.4"<br>(20 x 95 cm)  | 5.9" x 37.2"<br>(15 x 94.5 cm) | 13.8" x 22" x 9"<br>(35.1 x 55.9 x 22.9 cm)  | 19.6" x 24.8" x 11.9"<br>(49.7 x 63 x 30.3 cm) | 16.3" x 4.1"<br>(cylindrical)<br>(41.4 x 10.4 cm cylindrical) |
| Mast Extended Height | 32.3" (82 cm)   | 32.3" (82 cm)                            | 32.3" (82 cm)                            | 32.3" (82 cm)                            | 86.3" (219 cm)                | 83.5" (212 cm)                 | 70.9" (180 cm)   | 72.9" (185 cm)                                 | N/A   |
| Weight               | 22.7 lbs. (10.3 kg)   | 22.1 lbs. (10 kg)                        | 22.05 lbs. (10 kg)                       | 17.6 lbs. (7.98 kg)                      | 16.1 lbs. (7.3 kg)            | 14.3 lbs. (6.5 kg)             | 50.7 lbs. (23 kg)  | 88.2 lbs. (40 kg)                              | 29.8 lbs. (13.5 kg)   |
| Colors               | ■ ■   | ■  | ■  | ■ ■                                      | ■ ■                           | ■ ■                            | ■ ■  | ■ ■  | ■   |
| Approvals            | CE  | CE                                       | CE                                       | CI D2                                    | CE                            | Pending                        | CE   | CE   | CE  |
| Accessories          | <ul style="list-style-type: none"> <li>• 9430T Tripod Kit (9430, 9430IR and 9430SL only)</li> <li>• 9431 Tear-Off Back Pack</li> <li>• 9432 Back Pack</li> <li>• 9434 Spare LED Head w/ Mast (9430, 9430SL only)</li> <li>• 9436 12/24V Vehicle Charger (9430, 9430IR and 9430SL only)</li> <li>• 9437 Extension Cord 118 inches (3m) (9430, 9430IR and 9430SL only)</li> <li>• 9438 RALS Universal Charger (9430, 9430IR and 9430SL only)</li> <li>• 1460 Case with custom foam</li> </ul> |  |  |  | N/A                           |                                | <ul style="list-style-type: none"> <li>• 9430T Tripod Kit</li> <li>• 9436 12/24V Vehicle Charger</li> <li>• 9437 Extension Cord 118 inches (3m)</li> </ul> |  | N/A   |

SYMBOLS: Light Emitting Diode light source Rechargeable battery

\* Figures calculated from LED manufacturer data



## > REMOTE AREA LIGHTING SYSTEM (RALS)

The Advanced Area Lighting Group from Pelican is bringing several dynamic products to the market, offering up to 56 hours of bright LED light.\*

The product range starts with the compact single head 9430 that fits easily into confined spaces and extends to the four head 9470 which is capable of turning night into day. All units employ a silent, rechargeable sealed battery freeing you to work any where on or off the

grid, no generator necessary. Each RALS is designed with LED technology to provide a better quality of light, high reliability and low energy consumption. The result is an energy efficient lighting solution with low long-term operating and maintenance costs.

| MODEL | LIGHT HEADS | RUNTIME* (PER HEAD/CONSECUTIVE) |
|-------|-------------|---------------------------------|
| 9430  | 1           | 15                              |
| 9435  | 1           | 10                              |
| 9440  | 1           | 6                               |
| 9445  | 1           | 14                              |
| 9460  | 2           | 14/28                           |
| 9470  | 4           | 14/56                           |
| 9500  | 3           | N/A                             |

\* Stated runtimes based on low power setting and consecutive head activation. High power and simultaneous head use will lower total runtime.

### RALS FEATURES



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**PELICAN 1 YEAR LIMITED WARRANTY FOR AALG PRODUCTS**  
Pelican guarantees its AALG products for 1 year against defects in materials and workmanship from the date of purchase. All warranty claims of any nature are barred if the product has been altered, damaged or in any way physically changed, or subjected to abuse, misuse, negligence or accident.

Refer to [www.pelican.com/warranty](http://www.pelican.com/warranty) for full details.

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## 9430 • 9430IR • 9430SL



The 9430 Remote Area Lighting System is the perfect unit for hard to reach places. At just 22 lbs., the 9430 is easily transported up stairs or ladders. Its compact size and fully extendable mast with 360 degree rotating light head make tight spaces easily accessible. Dual power outputs illuminate a second optional head making the 9430 an adaptable and expandable illumination solution. Solid state high efficiency circuitry withstands rigorous industrial use day in and day out.

> **INTRODUCING THE 9430SL (SPOT LIGHT) AND 9430IR (INFRARED)**, the newest members to the 9430 line. The 9430SL produces a 10 degree tight beam that reaches hundreds of yards for effective search & rescue. The new 9430IR enhances night vision optics to provide improved visibility in complete darkness.

### 9430 - WIDE BEAM



- Wide 90° Beam
- Large area coverage

### 9430IR - STEALTH BEAM



- Night vision compatible infrared 7° LED beam
- Low thermal signature

### 9430SL - SPOT BEAM



- Focused 10° Beam
- 200 yard reach



## 9460



Using solid-state mounted LEDs coupled with a thermally efficient light engine and a Pelican Protector Case™, the RALS 9460 gives the user the ultimate maintenance-free portable floodlight station to get the job done efficiently, safely and on time. A rugged 1510 Pelican Protector Case™ houses all its light heads and a multi-stage universal charger for total self-contained convenience. It is also equipped with a telescopic handle and rugged wheels for ease of transport.



## 9440 and 9445\*



The most innovative RALS units to date, the 9440 and safety approved 9445 move fast to light up ravines, confined spaces, riverbanks... anywhere your apparatus can't go. Deployed, the mast extends 7 feet high, shining light over low obstructions encountered by traditional lantern style lights. With a 120 degree beam spread and up to 2400 lumens, the entire emergency area will have the the light you need for a safe and swift operation.

Both models are maintenance free, using super tough LED lamp modules and NiMH batteries for up to 14 hours of continuous light.



COMING SOON



9440

9445



## 9435



Pelican's first battery powered safety approved LED remote area light, the 9435 is Class I Division 1 approved to fill the demanding requirements of professionals working in hazardous locations. Lightweight advanced battery technology keeps the 9435 ultra-portable at just 17.6 lbs. 90 degree beam spread and a rotating head are ideal for lighting large areas. High and low beam coupled with a low battery indicator aid in managing time and output needs with accuracy. Loaded with features, the Pelican 9435 RALS is leading the way in safety approved portable LED area lighting.



## 9470



The 9470 contains four heads that will illuminate 360 degrees using solid-state mounted LEDs coupled with a thermally efficient light engine. A rugged 1610 Pelican Protector Case™ houses all its light heads and a multi-stage universal charger for total self-contained convenience. The 9470 is equipped with a telescopic handle and rugged wheels for ease of transport.



Select white light or red night vision mode

## 9500



The 9500 Shelter Lighting System provides soldiers with safe, secure and silent LED interior shelter lighting in either red or white light. The system is extremely rugged and is tested to a 3 meter concrete drop-test, offering survivability not found in fluorescent lighting. Light heads are linked together and secured via hanging straps inside the temporary shelter/accommodation. The light output color (red or white) is selected via an inline switch and each light head can be independently switched on or off. The system is powered by the enclosed universal AC power supply or by an auxiliary 12-30 vdc power source such as the 9430 or 9460.



The Complete Kit includes 3 UV stable LED light heads, (3) 12' connector cables, hanging straps and power supply in a Pelican Protector Case™.