

REMOTE AREA LIGHTING SYSTEM(RALS) PORTABLE LED WORK LIGHT SOLUTIONS

PELICAN™



SPECIFICATIONS

| Model | 9420 | 9430 | 9430IR | 9430SL | 9435 | 9440 | 9460/RS | 9470/RS | 9500* |
|------------------------|--|--|--|--|--|---|--|--|---|
| Light Source | Cree LEDs | High Flux LEDs | Infrared 940nm | High Flux LEDs | High Flux LEDs | High Flux LED | High flux LEDs | High flux LEDs | High Flux LEDs |
| Lamp Heads | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 4 | 3 |
| No. of LEDs | 2 | 6 | 24 | 24 | 18 | 10 | 6 (per head) | 6 (per head) | 24 (white)/12 (red) (per head) |
| Beam Spread | 58° | 120° | 7° | 10° | 90° | 120° | 120° | 120° | 210° Diffused |
| Batteries | Lithium ion | 12v Rechargeable, Sealed | 12v Rechargeable, Sealed | 12v Rechargeable, Sealed | NiMH | NiMH | 12v Rechargeable, Sealed | 12v Rechargeable, Sealed | N/A |
| Calculated Lumen Value | 500 (Low) 1000 (High) | 1500 (Low) 3000 (High) | N/A | 1000 (Low) 2000 (High) | 750 (Low) 1500 (High) | 1200 (Low) 2400 (High) | 500 (Low) 6000 (High) | 1000 (Low) 12,000 (High) | 1200 (red) 6000 (white) |
| Battery Run Time | 4 hrs. (Low) 2 hrs. (High) | 15 hrs. (Low) 8 hrs. (High) | 15 hrs. (Low) 8 hrs. (High) | 15 hrs. (Low) 8 hrs. (High) | 10 hrs. (Low) 5 hrs. (High) | 6 hrs. (Low) 3 hrs. (High) | 40 hrs. (Low) 7 hrs. (High) | 14 hrs. (Low) 7 hrs. (High) | N/A |
| Dimensions | 0.0" x 29" x 0.0" (0 x 73.6 x 0 cm) | 7.9" x 15.8" x 9.1" (20 x 40 x 23 cm) | 7.9" x 15.8" x 9.1" (20 x 40 x 23 cm) | 7.9" x 15.8" x 9.1" (20 x 40 x 23 cm) | 7.9" x 15.8" x 9.1" (20 x 40 x 23 cm) | 7.9" x 37.4" (20 x 95 cm) | 13.8" x 22" x 9" (35.1 x 55.9 x 22.9 cm) | 19.6" x 24.8" x 11.9" (49.7 x 63 x 30.3 cm) | 16.3" x 4.1" (cylindrical) (41.4 x 10.4 cm cylindrical) |
| Mast Extended Height | 62.0" (157 cm) | 32.3" (82 cm) | 32.3" (82 cm) | 32.3" (82 cm) | 32.3" (82 cm) | 86.3" (219 cm) | 70.9" (180 cm) | 72.9" (185 cm) | N/A |
| Weight | 8.4 lbs. (3.8 kg) | 22.7 lbs. (10.3 kg) | 22.1 lbs. (10 kg) | 22.1 lbs. (10 kg) | 17.6 lbs. (7.98 kg) | 16.1 lbs. (7.3 kg) | 50.7 lbs. (23 kg) | 88.2 lbs. (40 kg) | 29.8 lbs. (13.5 kg) |
| Colors | ■ | ■ ■ | ■ | ■ | ■ ■ | ■ ■ | ■ ■ | ■ ■ | ■ |
| Approvals | CE | CE | CE | CE | CE CI D2 | CE | CE | CE | CE |
| Accessories | <ul style="list-style-type: none"> • 9421 - Replacement Battery • 9422 - DC Vehicle Charger cord • 9423 - AC Mains Power Supply • 9424 - Charger Cradle • 9426 - Pelican Storm Case with Custom Foam • 9427 - Shoulder Strap | <ul style="list-style-type: none"> • 9430TP - Tripod • 9431 - Tear-Off Back Pack • 9432 - Back Pack • 9434 - 9430 Spare LED Head w/ Mast (9430, 9430SL only) • 9436 - 12/24V Vehicle Charger (9430, 9430IR and 9430SL only) • 9437 - Extension Cord 118 inches (3m) (9430, 9430IR and 9430SL only) • 9438 - RALS Universal Charger (9430, 9430IR and 9430SL only) • 1460 - Case with custom foam | | | | <ul style="list-style-type: none"> • 9430T - Tripod • 9436 - 12/24V Vehicle Charger • 9437 - Extension Cord 118 inches (3m) • 9467 - Extension Cord | <ul style="list-style-type: none"> • 9430T - Tripod • 9437 - Extension Cord 118 inches (3m) • 9467 - Extension Cord | | |

SYMBOLS: Light Emitting Diode light source Rechargeable battery

* Figures calculated from LED manufacturer data



REMOTE AREA LIGHTING SYSTEMS (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. 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) |
|---------|-------------|------------------------------------|
| 9420 | 1 | 4 |
| 9430 | 1 | 15 |
| 9435 | 1 | 10 |
| 9440 | 1 | 6 |
| 9460/RS | 2 | 14/28 |
| 9470/RS | 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

All contents stow inside a Pelican Protector Case™ (9460, 9470 and 9500)

Direct light where it is needed with articulating head

3 mode waterproof switch with battery charge indicator (9440)
GREEN 60 – 100% capacity **AMBER** 20 – 60% capacity **RED** 0 – 20% capacity

Intelligent Control System calculates and displays current battery life, allowing the user to regulate the intensity of the light and choose the desired run time (9460 and 9470)

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For warranty details go to
www.pelican.com/warranty



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. 12v charge port available for additional charging. Solid state high efficiency circuitry withstands rigorous industrial use day in and day out.

> THE 9430SL (SPOT LIGHT) AND 9430IR (INFRARED)

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 while using night vision goggles.

9430 - WIDE BEAM

- New: 3000 Lumens
- Wide 120° 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



9435



Pelican's first safety approved LED remote area light, the 9435 is Class I Division 2 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.



9460/9460RS



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. Newly updated with the Intelligent Control System which calculates and displays current battery life and allows the user to regulate the intensity of the light and choose the desired run 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.

Additional features on the "RS" model include remote control activation, multi-terrain trolley and a 12volt power supply port.



9460

9460RS



9470/9470RS



The 9470 is newly updated with the Intelligent Control System which calculates and displays current battery life and allows the user to regulate the intensity of the light and choose the desired run time. It 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.

Additional features on the "RS" model include remote control activation, multi-terrain trolley and a 12volt power supply port.



9470

9470RS



9420/9440



The most innovative RALS units to date, the 9420 and 9440 move fast to light up ravines, confined spaces, riverbanks... anywhere your apparatus can't go. Mast extends to shine light over low obstructions encountered by traditional lantern style lights. With a wide beam spread and high lumen output, the entire emergency area will have the light you need for a safe and swift operation.

Also available is the 9420XL. Kit includes the standard 9420 in a blow-molded case, two Lithium-ion batteries, DC vehicle charger, AC main charger with transformer, charging station, carry shoulder strap



9420

9440



Select white light or red night vision mode

9500



The 9500 Shelter Lighting System provides 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 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 includes a universal AC power adapter or can be powered by an auxiliary 12-30 vdc power source such as the 9430 or 9460.



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