PELICAN™
BUILT TO PROTECT™

PELICAN™ 9050 LANTERN

DESIGNED IN U S A

SINCE 1976

MORE POWER TO YOU

9050 LANTERN: THE FIRST PROFESSIONAL LANTERN
WITH A DUAL LITHIUM-ION/ALKALINE BATTERY SYSTEM

PELICAN™
HIGH PERFORMANCE

INTRODUCING THE NEW PELICAN™ 9050 LANTERN

FLEX YOUR FUEL

The Pelican 9050 Lantern is the first professional lantern for the commercial and government industries that is powered by two battery types, either lithium ion or alkaline batteries. When it's time to refuel, this lantern keeps the job site or path illuminated without skipping a beat.

Holds up to 4 lithium-ion rechargeable batteries or up to 16 AA alkaline or NiMH batteries.

A. BATTERY DOOR B. BATTERY TRAY C. AA BATTERY D. PELI 2469P RECHARGEABLE BATTERY
E. LITHIUM ION BATTERY

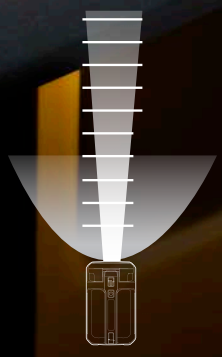
VERSATILITY

With spot, flood, and spot/flood beam options, this compact LED is one of the brightest and most versatile lanterns in the industry.

Whether you use spot mode to locate a lost hiker or flood mode to install a server rack, this lantern provides over 3000 lumen to highlight your task.

A **FLOOD MODE:**
47 METERS
1119 LUMENS

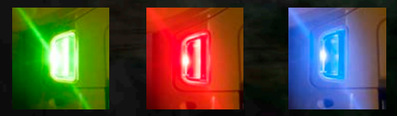
B **SPOT MODE:**
489 METERS
2623 LUMENS



SPOT/FLOOD MODE:
417 METERS
3369 LUMENS

FOLLOW THE LEADER

The Pelican 9050 lantern features multi-color rear LED lights that can be used as a beacon. Guide your crew while navigating through smoke or fog. Or, select green, red, or blue color code to distinguish team members.

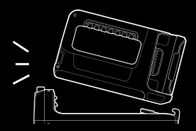


DON'T GET LEFT IN THE DARK

Engineered with a battery level indicator, the Pelican 9050 lantern lets you know when to recharge or replace batteries. The green light indicates a full charge, yellow signals low battery power, and red light indicates fresh batteries are needed.

FAST AND HASSLE-FREE QUICK-RELEASE CHARGER BASE

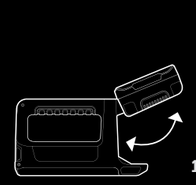
The Pelican 9050 lantern features a quick-release charger base. Dismounting and re-mounting the light is fast and hassle free.



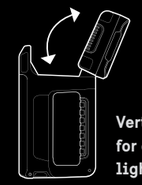
Click sound verifies a secure mount, with simple push for fast ejection.

ADAPT TO YOUR ENVIRONMENT

The Pelican 9050 lantern points light wherever you need it, when you need it. Light the area above by rotating the light head up to 112.5-degrees. For a downcast beam option, just position the lantern vertically and tilt the light head in down position to lighten everything below.



112.5°



Vertical position for downward beam lighting option

WATERPROOF

The Pelican 9050 lantern is waterproof, with an IP67 rating, allowing you to keep the job illuminated wet work conditions.

IP67 RATED

9050 SPECS

FL1 STANDARD (with 2x Li-Ion battery packs)	SPOT		FLOOD		SPOT/FLOOD	
	HIGH	LOW	HIGH	LOW	HIGH	LOW
LIGHT OUTPUT (LUMENS)	2623	354	1119	291	3369	301
RUN TIME (HOURS, MINUTES)	4h 15m	13h 30m	5h 30m	11h	2h 45m	11h
BEAM DISTANCE (METERS)	489m	117m	47m	24m	417m	110m
PEAK BEAM INTENSITY (CANDELA)	59760cd	7846cd	559cd	149cd	43568cd	3011cd
SUBMERSIBLE	IP67					

PERFORMANCE

ANSI STANDARDS (AMERICAN NATIONAL STANDARDS INSTITUTE)

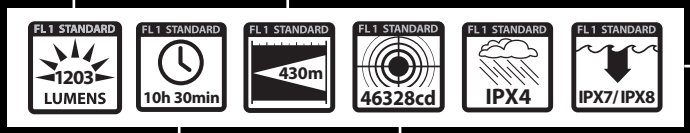
Why create standards? While Pelican was one of the first manufacturers to use quantifiable test procedures, the need was recognized to develop a common language that customers could use to select the right flashlight for their specific needs. As a result, the American National Standards Institute (ANSI), with input from the flashlight industry, developed performance standards and symbols to effectively communicate a flashlight's features and benefits. The resulting ANSI/NEMA FL 1 Standards include the following six criteria:

STANDARDS AND RATINGS

(APPLICABLE TO FLASHLIGHTS ONLY)

LIGHT OUTPUT
Light Output is the total luminous flux. It is the total quantity of emitted overall light energy as measured by integrating the entire angular output of the portable light source. Light output in this standard is expressed in units of lumens.

BEAM DISTANCE
Beam Distance is defined as the distance from the device at which the light beam is 0.25 lux (0.25 lux is approximately the equivalent of the light emitted from the full moon "on a clear night in an open field").



WATER RESISTANT
Water Resistant // IPX4 - Water splashed against the device from any direction shall have no harmful effects.

WATERPROOF/SUBMERSIBLE
Waterproof // IPX7 – Ingress of water in quantities causing harmful effects shall not be possible when the enclosure is temporarily immersed in water under standardized conditions of pressure and time. Submersible // IPX8 – Ingress of water in quantities causing harmful effects shall not be possible when the enclosure is continuously immersed in water under conditions which shall be stated by manufacturer, but which are more severe than for IPX7.

RUN TIME
Run Time is defined as the duration of time from the initial light output value – defined as 30 seconds after the point the device is first turned on – using fresh batteries, until the light output reaches 10% of the initial value.

PEAK BEAM INTENSITY
Peak Beam Intensity is the maximum luminous intensity typically along the central axis of a cone of light. The value is reported in candela and does not change with distance.

GLOSSARY OF TERMS

Candela A unit of measurement of the intensity of light that is emitted by a light source in a particular direction.

Lux The unit of luminous flux in the International System, equal to the amount of light given out through a solid angle by a source of one candela intensity radiating equally in all directions.

Lumen A unit of measurement of the amount of brightness that comes from a light source. Lumens define "luminous flux," which is energy within the range of frequencies we perceive as light.

Integrating Sphere An integrating sphere is a measurement device with an entrance port that can accept all the directional light output of the device under test, or can totally enclose the device itself. The walls of the sphere should be highly diffused with high reflectivity (>80%) and the spectroradiometer should be shielded from direct view of the device under test by a baffle system.

Rechargeable Denotes a flashlight which contains rechargeable batteries and charging station. These models are shown with the rechargeable icon.

IP (Ingress Protection) – These ratings specify the environmental protection the enclosure provides. The IP rating normally has two numbers (IPXX). The first number represents protection from solid objects or materials (dust) whereas the second number represents protection from liquids (water). With the IP rating IP 54, 5 describes the level of protection from solid objects and 4 describes the level of protection from liquids as described by the IP Rating System (Solids vary from 0-6 IP rating, Liquids vary from 0-8 IP rating).

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

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