

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Coast](#) /
- › [Coast PM450 Work Light User Manual](#)

Coast 30364

COAST PM450 Work Light User Manual

Model: PM450 (Part Number: 30364)



INTRODUCTION

The COAST PM450 Work Light is a compact and rugged lighting solution designed for various applications, especially in confined workspaces. It features COAST's patented Pure Beam optic system, a magnetic base for hands-free operation, and a 180-degree swivel head for versatile light positioning. The PM450 is built to withstand tough conditions, being dust-proof and weather-resistant, and offers a dual power system for convenience and efficiency.



Image: The COAST PM450 Work Light, a compact and versatile lighting tool.

SAFETY INFORMATION

- Always ensure the work light is turned off before performing any maintenance or battery replacement.
- Do not look directly into the LED light source when it is illuminated, as this may cause temporary vision impairment.
- Keep batteries out of reach of children. If swallowed, seek immediate medical attention.
- Dispose of used batteries according to local regulations. Do not incinerate batteries.
- Avoid exposing the light to extreme temperatures or direct sunlight for prolonged periods.

PACKAGE CONTENTS

Upon opening your COAST PM450 Work Light package, please verify that all the following items are included:

- 1 x COAST PM450 Work Light

- 3 x AAA Alkaline Batteries



INCLUDED

Image: The PM450 Work Light shown with the included AAA batteries.

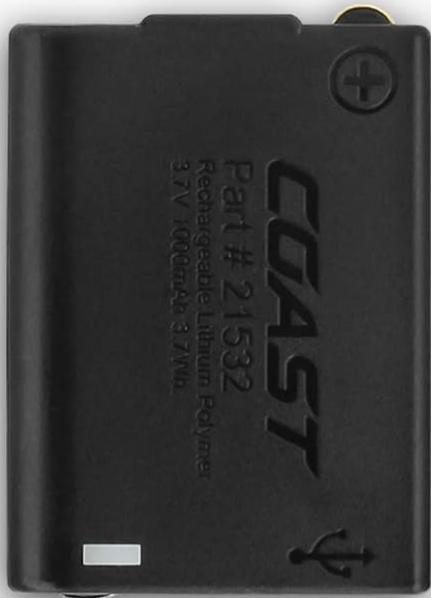
SETUP

Battery Installation

The PM450 Work Light operates on 3 AAA alkaline batteries (included) or a COAST ZITHION-X rechargeable battery pack (sold separately).

1. Locate the battery compartment cover, typically on the base or rear of the unit.
2. Open the battery compartment.
3. Insert 3 AAA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Securely close the battery compartment cover.

For optimal performance and cost efficiency, consider purchasing a COAST ZITHION-X rechargeable battery pack.



ALKALINE DUAL POWER

3 X EP AA / 1 X ZX350 RECHARGEABLE BATTERY

Image: Illustration of the Alkaline Dual Power system, showing both AAA batteries and the optional ZITHION-X rechargeable battery pack.

OPERATING INSTRUCTIONS

Power On/Off

Press the power button located on the side of the unit to turn the light on or off.

Pure Beam Focusing Optic

The PM450 features a patented Pure Beam Focusing Optic system, allowing seamless transition between a broad flood beam and a focused spot beam.

- **Twist Focusing Lens:** Rotate the lens bezel to adjust the beam from a wide Ultra View Flood beam for edge-to-edge clarity to a Bulls-Eye Spot beam for long-distance illumination.



TWIST FOCUSING LENS

Image: Close-up of the twist focusing lens, indicating the rotation for beam adjustment.

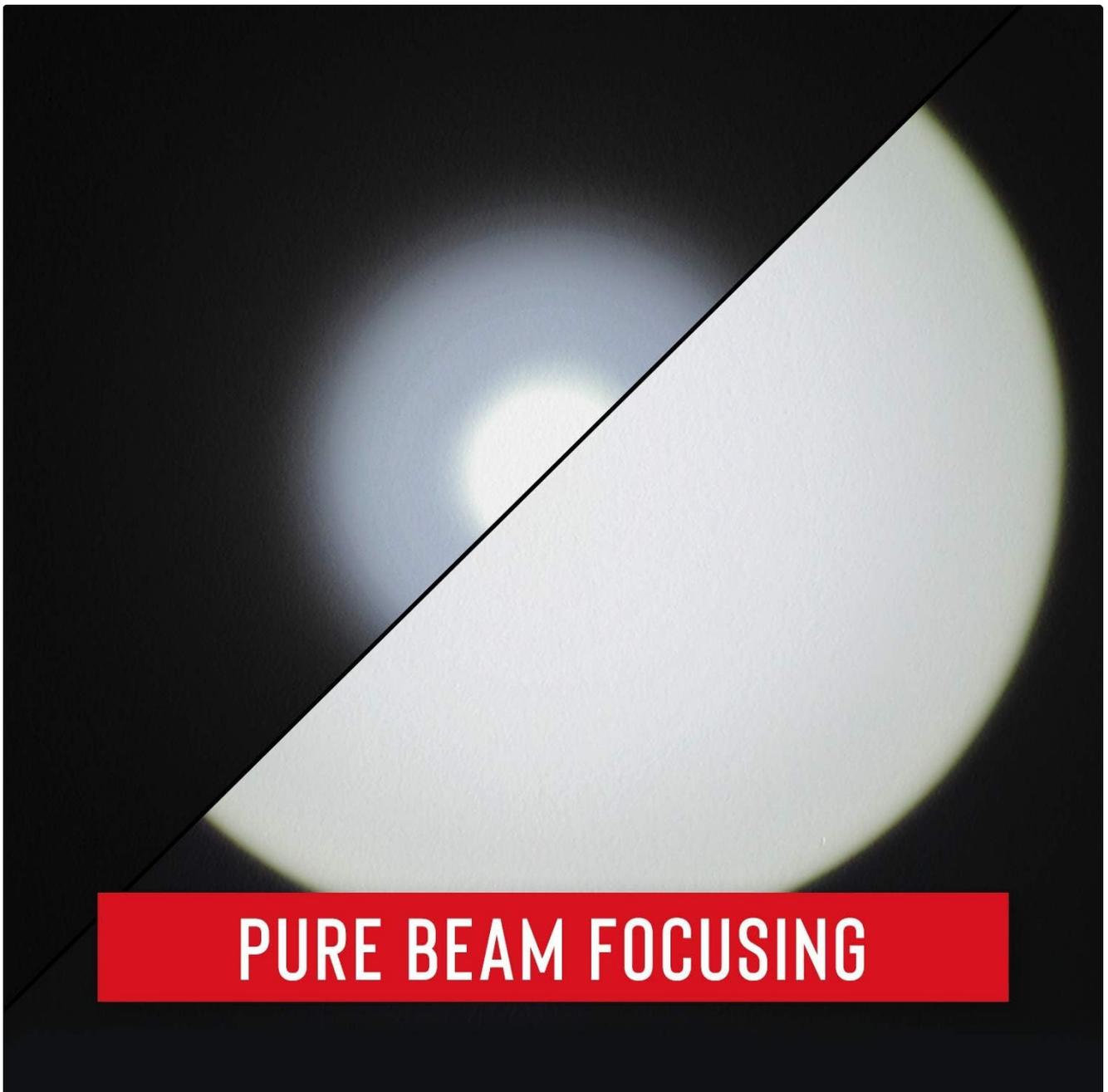


Image: Visual representation of the Pure Beam Focusing, showing the transition from a spot beam to a flood beam.

180-Degree Beam Rotation

The adaptive head of the PM450 allows you to rotate the beam up to 180 degrees, directing light precisely where needed for optimal placement.



Image: The PM450 head rotating to demonstrate the 180-degree beam adjustment capability.

Magnetic Base

The integrated magnetic base allows the PM450 to be securely attached to any metal surface, providing hands-free illumination. This is ideal for working in tight spaces or when both hands are required for a task.



Image: The PM450 Work Light magnetically attached to a metal surface, demonstrating hands-free use.

Base Hanging Loop

For additional versatility, the PM450 includes a base hanging loop. This allows you to suspend the light from hooks, nails, or other suitable fixtures, providing overhead or elevated lighting.



BASE HANGING LOOP

Image: Close-up of the PM450's base, highlighting the integrated hanging loop.

Your browser does not support the video tag.

Video: Demonstration of the COAST PM450 Work Light being hung using its base hanging loop.

MAINTENANCE

The COAST PM450 Work Light is designed for durability and minimal maintenance. To ensure its longevity and optimal performance:

- **Cleaning:** Wipe the light with a soft, damp cloth to remove dirt or debris. Do not use abrasive cleaners or solvents.
- **Battery Care:** If the light will not be used for an extended period, remove the batteries to prevent leakage and corrosion.
- **Dust and Weather Resistance:** The PM450 is dust-proof and weather-resistant. While it can withstand tough conditions, avoid submerging it in water.



Image: The PM450 Work Light shown in a dusty environment, highlighting its dust-resistant design.



DURABLE CONSTRUCTION
WEATHER RESISTANT POLYMER BODY

Image: The PM450 Work Light with water droplets, illustrating its weather-resistant polymer body and durable construction.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	Dead or incorrectly inserted batteries.	Replace batteries with new ones, ensuring correct polarity. Check if the optional rechargeable battery pack is charged.
Light is dim.	Low battery power.	Replace batteries or recharge the ZITHION-X battery pack.
Beam focusing is stiff.	Dirt or debris in the focusing mechanism.	Gently clean around the lens bezel. Avoid forcing the mechanism.

SPECIFICATIONS

Feature	Detail
Model	PM450 (Part Number: 30364)
Light Output	510 Lumens (Max)
Beam Distance	160 meters (524 ft.)
Runtime	9 hours
Power Source	3 x AAA Alkaline Batteries (Included) or COAST ZITHION-X Rechargeable Battery Pack (Sold Separately)
Light Source Type	LED
Material	Plastic
Dimensions (L x W x H)	Approximately 1"L x 1"W x 1"H (Note: Product dimensions from data are generic, using the image for visual context)
Weight	13.3 ounces
Special Features	Pure Beam Focusing Optic, 180-Degree Rotation, Magnetic Base, Base Hanging Loop, Dust Resistant, Weather Resistant

510

LUMENS

160 M

DISTANCE



Image: Key performance specifications of the PM450, including lumen output and beam distance.

3.23 in



3.38 in

Image: Visual representation of the PM450's dimensions.

WARRANTY & SUPPORT

Warranty Information

Coast warrants its Coast knives, tools, and Coast LED flashlights/headlamps to be free of defects in materials and workmanship for the life of the original purchaser. This warranty does not cover normal wear and tear, nor damage resulting from misuse or neglect. Warranty does not cover batteries and charging accessories (or damage caused by either). Batteries or damage caused by batteries (i.e., leakage) are not included in the guarantee.

Customer Support

For further assistance, technical support, or warranty claims, please visit the official Coast website or contact their customer service department. Refer to the product packaging or the Coast website for the most current contact information.

