BUYING GUIDE

OFF-ROAD VEHICLE LIGHTING

The right lighting can transform your off-road experience—whether you're working before sunrise, riding deep into the woods or exploring trails after dark. Polaris offers premium lighting solutions from our trusted partners **Pro Armor** and **RIGID®**, engineered for seamless integration and performance. This lighting guide breaks down options to help you choose the best setup for your Polaris vehicle.

Your riding style and vehicle type play a big role in choosing lighting.

Ask yourself:

Where do you ride?
Conditions like dust, snow or fog affect what light color and beam pattern you need.

When do you ride?
Night rides benefit from more forward and peripheral lighting, while added visibility during the daytime is helpful.

What's your goal?
Do you want to see farther, light up your surroundings or have a sweet-looking rig?

Where do you want to mount?
Your vehicle's design can influence where to add lighting: roof, bumper, rollover protective structure (ROPS) or cab.

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LIGHTING TYPES & USE CASES

LIGHT BARS

Purpose:

» Maximum forward visibility for night rides or open terrain

Beam Patterns:

» **Spot Optic:** Narrow, long-distance beam—ideal for high-speed trails or dunes

» **Flood Optic:** Wide beam for peripheral vision—great for technical trails or slower navigation

» **Combo Optic:** Mix of spot + flood for balanced coverage—perfect for all-around use

Mounting Options:

» Roof for wide coverage

» Bumper for low-angle penetration through dust

Examples:

» **RIGID® RDS SR-Series 50" Curved Single-Row LED Light Bar:** Wide arc for maximum trail coverage VIEW ONLINE

» **Pro Armor 31" Dual-Row Combo LED Light Bar:** Sleek design for space-limited builds VIEW ONLINE

CUBE LIGHTS

Purpose:

» Compact, versatile lighting for bumpers, A-pillars or tight spaces

Use Case:

» Add extra forward light or fill gaps in your lighting setup by angling cube (pod) lights slightly outward to increase peripheral visibility

» Ideal for spotting obstacles on trails and enhancing side illumination in off-road conditions

Beam Options:

» Spot for distance

» Flood for width

Examples:

» **RIGID® D-Series Pod LED Cube Lights:** Hybrid optics for distance + spread VIEW ONLINE

» **Pro Armor 2x2" Cube Spot Light:** Amber or white lens for dust or clear conditions VIEW ONLINE

CHASE LIGHTS

Purpose:

» Rear visibility for group rides or dusty conditions

Features:

» Often multi-color or strobe for added attention

» Some models (including ours) integrate brake-light and reverse-light functionality for better visibility when backing up at night

Importance:

» Keeps you visible to riders behind you

Example:

» **RIGID® Chase Light:** Rearward visibility with multiple light modes VIEW ONLINE

CAB & DOME LIGHTS

Purpose:

» Interior visibility and utility tasks

Features:

» Multi-color options for hunting, fishing or map reading

Example:

» **Multi-Function LED Cab & Dome Light:** Removable for handheld use VIEW ONLINE

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LIGHTING TYPES & USE CASES

WORK & STROBE LIGHTS

Purpose:

» Utility work

Features:

» 360° illumination

» Strobe light for visibility on jobsites

Examples:

» **Rear LED Work Light:** Bright cargo box illumination VIEW ONLINE

» **Work Beacon LED Light:** Hinged design for 360° coverage VIEW ONLINE

» **UTV Strobe Light:** Safety in high-traffic or low-visibility areas VIEW ONLINE

FAQs

Why add extra lighting to my vehicle?

For better visibility during night rides, dusty conditions or extended work hours. It helps you see farther and be seen by others.

What does "lumen" mean?

Lumens measure brightness. Generally, a higher lumen count means a brighter light. However, this is only a rough guideline. In practice, a light with more lumens may not appear brighter if it's less efficiently designed. Premium brands like RIGID® and Pro Armor often deliver better real-world brightness thanks to superior optics, engineering and build quality. These factors play a major role in overall light performance.

Does light color matter?

Yes. White lights are the brightest for distance and general visibility. Amber lights reduce glare and improve clarity in dust, snow or fog.

How do I choose between spot, flood or combo optics?

Spot: Long-distance beam for high-speed riding in wide open areas (desert & dunes).

Flood: Wide beam for technical trails or slow navigation.

Combo: Best of both worlds—ideal for a mixed terrain.

Where should I mount my lights?

Roof: Wide coverage for trails and ideal for accommodating larger light bars, allowing you to cast more light across a broader area.

Bumper: Low-angle penetration through dust.

Rear-Facing: Chase lights for visibility.

Cab: Interior lighting for utility tasks.

Are these lights durable for off-road use?

Yes. Polaris lights feature aluminum housings and gasketed lenses designed to withstand vibration, water and harsh terrain.

Where can I find my lighting options?

Each style offered by Polaris is linked here:

Light Bars
Cube Lights
Accent & Fang Lights
Rock Lights
Headlights
Dome & Cab Lights
Work & Strobe Lights