

# VULKAN SWITCH INFORMATION



# Introduction

The Vulkan Switch is a rotary encoder control unit designed to operate the Vulkan adaptable beam driving light system. This switch allows you to adjust the beam pattern from wide flood illumination to concentrated spot lighting, providing precise control over your auxiliary lighting.

The switch features an illuminated ring with colour – coded feedback to indicate the current operating status and beam configuration.

## Switch overview

### Key features

- Rotary encoder with tactile detent feedback for precise adjustment
- Push-to-toggle function for switching the Vulkan lights on and off
- Illuminated Logo Ring with colour coded status indication
- Can bus connectivity for reliable communication with the Vulkan Lighting System
- Memory function that recalls the previous beam/status setting when high beam is activated

# Operating Instructions

The switch backlight provides visual feedback regarding the status of your vehicle lights and the Vulkan system.

Backlight Colour	Status Indication
White (5000K)	Vehicle lights are on; Vulkan system is in standby mode
Blue	Vulkan lights are on; beam pattern is set to full wide (WIDE)
Green	Vulkan lights are on; beam pattern is set to full spot (SPOT)
Green/Blue Mix	Vulkan lights are on; beam pattern is between wide and spot

## Switching the lights on and off

The Vulkan lights can only be operated when the vehicles high beam is switched on.

### To switch the Vulkan lights on :

- 1 – Ensure your vehicle's high beam is on.
- 2 – Press the rotary encoder knob to toggle the Vulkan lights on.
- 3 – The back light will change from white to a green/blue colour, indicating the lights are active.

### To switch the lights off :

Press the rotary encoder knob again to toggle the lights off.

The backlight will return to white.

# Adjusting the beam pattern

The rotary encoder (knob) allows you to adjust the beam pattern across the full range from wide flood to spot lighting.

## Rotating Direction

Clockwise - Narrows the beam pattern towards SPOT  
(Concentrated Long-Range)

Anti-Clockwise - Adjusts the beam pattern towards WIDE  
(Broad peripheral coverage)

## Memory function

The Vulkan switch remembers its last setting. When the high beam is switched on, the Vulkan lights will automatically adopt the previous status (on or off) and beam setting from last use.

## Technical Specifications

Parameter	Specification
Control Type	Rotary encoder with push-to-toggle function. No Stops
Detents	30 detents of rotation (wide to spot) 270 degrees
Backlight	RGB LED ring (white, green, blue)
Communication	CAN bus
Power Supply	12V & 24V DC Compatible