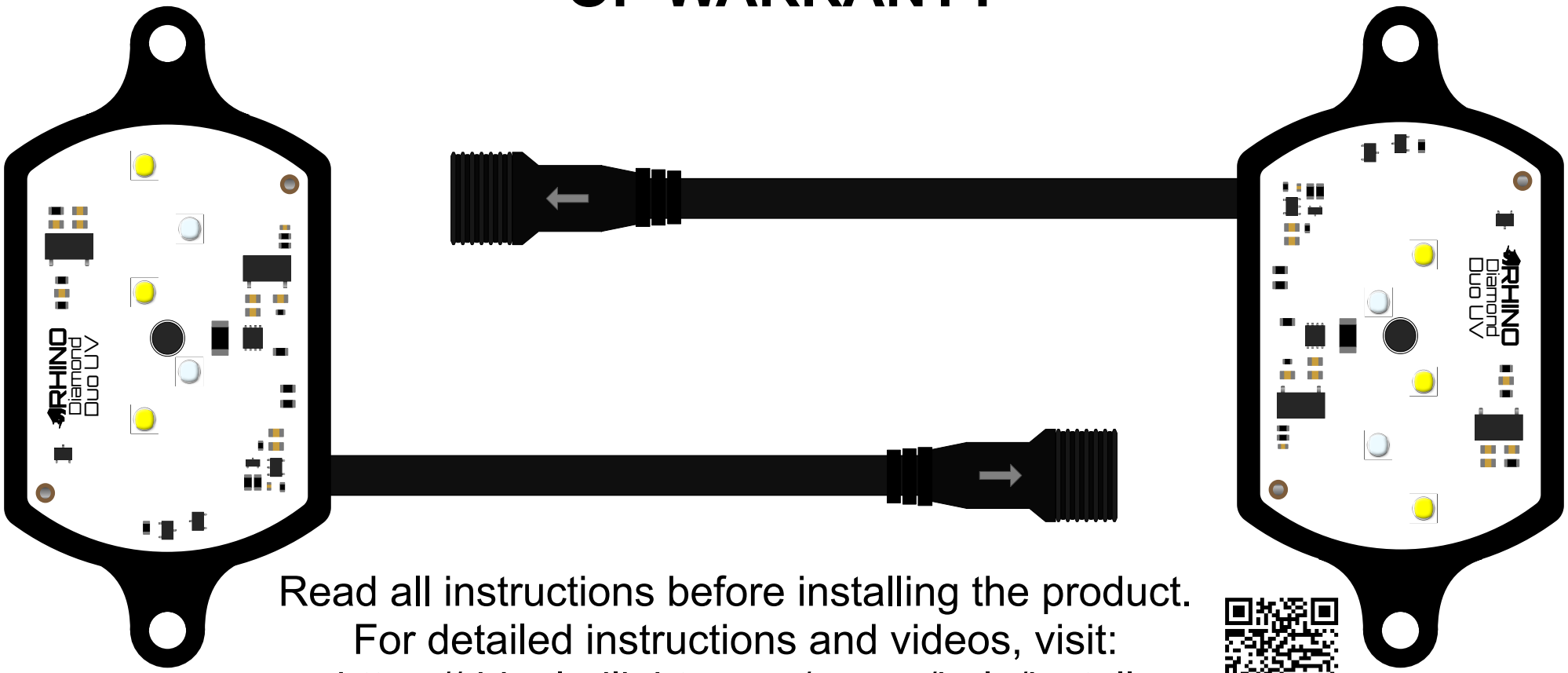
Diamond Duo UV Rock Light Installation Guide

!!! READ BEFORE INSTALLATION !!!

FAILURE TO FOLLOW THE INSTRUCTIONS CAN RESULT IN DAMAGE TO THE PRODUCT AND VOIDING OF WARRANTY



Read all instructions before installing the product.
For detailed instructions and videos, visit:
https://rhinoledlights.com/pages/help/install

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!! CAUTION !!

Diamond Duo UV rock lights can become **HOT** during prolonged use.

Mount the lights onto solid **METAL SURFACES ONLY.**

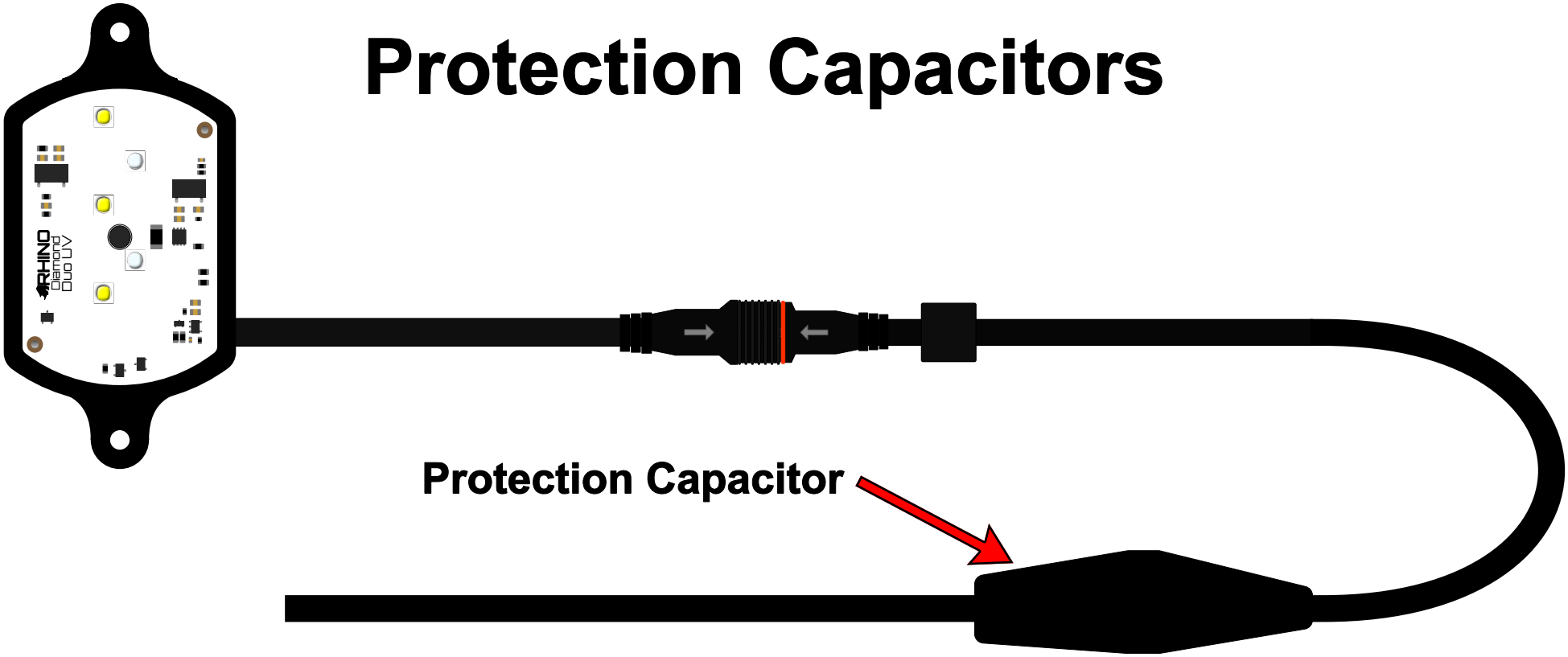
Place the lights in an area where they will recieve sufficient airflow to help cool the lights while running. When using the lights in a setup where there will be no moving air around the lights (i.e. stationary vehicles, non-vehicular uses, etc.) placing a fan to blow air onto the housing will help prolong the life of the lights.



For easy installation, ultra-strong magnetic mounts are available for purchase at:

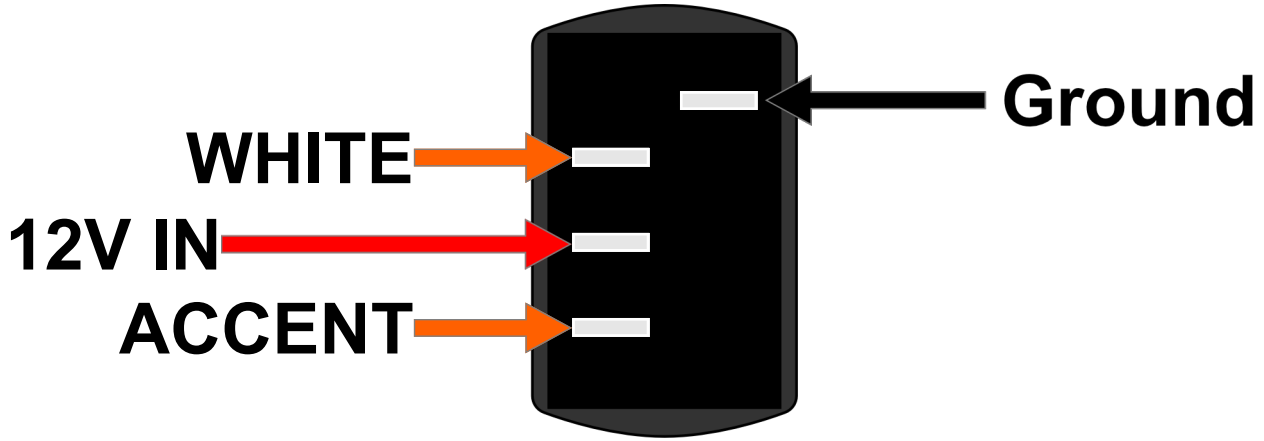


Protection Capacitors



A protection capacitor is included with UV Duo lights. The capacitor may come as a separate cable or hard-wired into the extension wire. It helps mitigate the effect of voltage spikes that can occur with the use of switches and batteries.
The protection capacitor **MUST** be used with UV Duo lights.
Failure to use the provided protection capacitor can cause irreprable harm to the lights.
DO NOT take the protection capacitor apart or remove the outter assembly.
The capacitors are **POLARIZED:** any swapping of any voltage-bearing wires (the red and yellow/white wires) and the ground (black) wires inside the assembled cables will cause immediate harm to the capacitors and lights.
Be careful not to short out any wires with protection capacitors and lights, as this will damage both and will void the warranty.

Wiring Diagram for 2-Channel Diamond Duo Rock Lights



NOTE: Switch pinout may differ from above picture. Follow manufacturer instructions for all switches.

For operating 2-channel Diamond Duo rock lights, connect the raw wire to a single pole, double throw (SPDT) ON/OFF/ON switch.
The cables contain 3 colored wires: black, red, and yellow.
Red: White light
Yellow: Accent light
Black: Ground
When wiring on a switch, use a quick disconnect spade terminal to be able to easily attach and remove the wires from the switch as needed.

The **maximum recommended** number of Diamond Duo lights on a single splitter is **4**, due to high current draw. Avoid connecting too many together to prevent overheating of wires, and always use wires of the appropriate gauge for the intended current draw.

PLEASE NOTE:

All lights are for use with 12V sources ONLY.

RGB/RGB+W lights and Diamond Duo rock lights cannot be controlled together in one setup at this time.

Do not install wires in places they can become pinched or be stepped on.

When adding wire for any reason, be sure to use the appropriate gauge for the load that it will carry.

Check the condition of all rock lights, wires, solder joints, and connections periodically for any damage. Damaged wires can lead to electrical shorts and arcing.

For safety, solder all ground wires and connections first, before working with any voltage-bearing wires. Be sure to keep any open wires away from each other when power is connected. Seal all raw wires to prevent any accidental risk of shorting the wires when finishing an installation.