

# **Arend Precision Tactical Safe Lighting** **Installation Guide**

Thank you for purchasing the Arend Precision Tactical Safe Lighting Kit. Please read all of the instructions thoroughly.

## **What makes this kit tactical?**

Other safe lighting solutions employ bright incandescent rope lighting or super white led touch lights. These are fine in ordinary situations but if you need to access your safe in the dark or quickly, these systems do not activate themselves, and even in the cases that do, they cause your pupils to dilate, compromising your ability to see in the dark. This system will activate itself upon opening the door and will not compromise your ability to see when you look back into the dark.

## **Warnings:**

This kit has been designed for indoor use only. Do not use this kit anywhere it could become wet.

Only use the included AA battery pack that requires 8 AA batteries (not included). You may notice that the battery pack connector appears to be similar to a 9V battery connector. **DO NOT CONNECT A 9V BATTERY TO THE LIGHT KIT! IT WILL OVERHEAT AND COULD CAUSE A FIRE!!!**

The kit uses SMD3528 LED lights that draw very little energy and stay cool to the touch even after long periods of use. If anything in this system becomes hot, discontinue use immediately and contact Arend Precision for an exchange.

## **Installation:**

When you open the kit you will find:

3 strips of SMD3528 RED LED 12v strip lighting with 3M adhesive backing . The three strips are already connected together.

1 AA Battery Pack capable of holding 8 AA batteries (batteries not included)

1 connecter with inline Roller switch.

Before installing, place the 8 AA batteries in the battery pack and plug the lights into the battery pack. Make sure that all of the lights are lit and that nothing was damaged during shipping. Check the functionality of the switch to make sure that when you press on the roller lever that the lights turn off. If there are any problems please contact Arend Precision for a prompt exchange.

NOTE: If you do not have a carpeted safe make sure to clean the surface with rubbing alcohol before applying the lights.

Take the MIDDLE strip of led lights and test the fit of the width along the top inside the safe above the door. Make sure to have the end of the strip with the POWER PLUG along the HINGE SIDE of the safe. Move the middle strip left to right to evenly distribute the strip in the space. Once you have determined the location, remove the white backing tape to expose the adhesive. Press the light strip onto the safe.



The sides can be applied by starting at the top of the safe and slowly removing the white backing tape as you press the light strip onto the safe. It can be difficult to remove all of the backing tape at once and control the strip with all of the adhesive exposed.

On the HINGE SIDE of the safe, place the roller switch in the bottom corner of the door. (SEE EX) Position the switch in such a way that the switch will be activated with the door is closed but does not interfere with the operation of the door. The metal lever on the switch can be bent to adjust when the switch is activated.



If you do not feel that the double stick tape provided on the switch is sufficient for your application, you may mark the position of your switch and use 5 minute epoxy to affix the switch. Use the double stick tape to determine this position.

The battery pack is designed to sit on the floor of your safe in the corner by the hinge. With all of the components now assembled, carefully test your switch for clearance and function. There is an audible click when the switch is activated but for added insurance that the system is off you may want to place a video camera of some sort inside your safe as an added verification that everything is functioning properly.

Your kit is now installed and should give you a lifetime of use. The SMD3528 has a 50,000 hour life and should last you the life of your safe! The battery pack should give you a minimum of 10 hours of use that will last the average person 6 months. A 12v Transformer can be purchased from Arend Precision for \$10.00 USD.

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