

KODIAK PIR solar bollard lighting

User manual:

Thank you for purchasing Kodiak solar bollard lighting. Please read this user manual carefully before installation and use.

Installation:

Before installation, consider the location of your lighting so that the device can capture sunlight as effectively as possible. For optimal performance, mount Kodiak in a south-facing location that is not shaded by any obstacles such as buildings, fences, trees, shelters or bushes.

Ground stake installation:

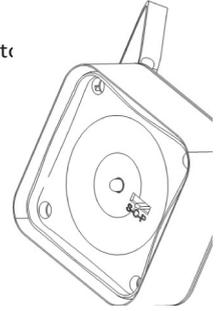
Be very careful when installing your lighting. The warranty does not cover any damage to the stake or light during installation. Before inserting the lighting stake into the ground, make a hole in the ground using a strong steel object. If the ground is too hard, it will help to pour water over it. Once the water has been absorbed, the ground will be softer and the lighting stake will be easier to insert. Once the stake is in place, simply press the light into the stake.

Installation on a flat surface:

Carefully remove the black pad from the bottom of each light. Screw this pad into the selected location and attach the light to it.

Using your lighting:

Gently remove the solar panels from the white diffuser. There is a three-position switch on the underside of the lower solar panel (see image on the right). **O** means the device is switched off. If you leave the light in the **O** position, your device will charge, but it will not turn on automatically after dark and when motion is detected. With the switch in the **S** position, the light will be in standard mode. In this mode, the light operates at low power after dark and only switches to full power when motion is detected. With the switch in the **P** position, you will achieve economy mode. In this mode, the brightness of the light is slightly reduced, which doubles the operating time. In both **S** and **P** modes, the light will automatically turn on after dark and will turn on at full power when motion is detected. Select the desired mode and then place the solar panels back into the diffuser.



Please note that the light will only turn on after dark

Solar panel placement:

Solar post lighting uses a pair of smart solar panels to achieve the best performance even in low sunlight. **Before you start adjusting the pair of panels, keep in mind that the top solar panel can only be lifted and rotated in specific directions. Never force the top panel or try to rotate it where it cannot be rotated. This could damage the panel, which would not be covered by the warranty.** Start by gently lifting the top solar panel, which is attached to the bottom panel. The top panel can be lifted and tilted to a 45° angle. Now rotate the top panel **clockwise** to a maximum angle of 180°, as requested.

Both panels should now be fully exposed to sunlight. It is not possible to tilt the lower solar panel. To achieve the best sunlight exposure, the upper solar panel can be tilted as described above. Do not leave the upper solar panel in a position that would shade the lower solar panel (see incorrect placement of solar panels in the image above). If you need the top panel to face a different direction than the bottom panel, gently pull the solar panels off the diffuser, turn them to the desired direction, and reattach them to the diffuser.

Replacing the batteries:

The two AA rechargeable batteries that come with the device are designed to last at least one year. If you encounter problems during the first year, it is unlikely that the batteries need to be replaced (see troubleshooting). When it is necessary to replace the batteries, remove the solar panels by gently pulling them out of the white diffuser. Fold the top solar panel down and pull it towards the bottom panel so that both panels are flush with each other. Turn the folded pair of panels upside down and place them on a flat surface so that you can see the LED and switch. Use a screwdriver to unscrew the four screws and carefully pull out the battery compartment. Be careful when pulling out the battery compartment, as this component is connected to the solar panel by two wires that can break if not handled with care. Damage to these wires will void your warranty. Carefully remove the old batteries and replace them with 2 new AA rechargeable batteries. Recycle the old batteries properly. Once the new batteries are in place, screw the battery compartment back into place.

Troubleshooting:

The lights are on even when it is not dark:

Your Kodiak bollard lighting has a dimming sensor built into the solar panel that sends a signal to the device when it is dark enough to turn on the light. If the light turns on during the day, it means that the sensor is detecting darkness even though it is not dark. This can happen in unusually bad weather or if the solar panel is located in a heavily shaded area. Please make sure that the solar panel is not shaded.

The lighting only worked for the first few nights:

The lighting can usually shine for the first few nights even without a full initial charge, as it is partially pre-charged from the factory. If the light stops working after a few nights, it is probably because it did not fully charge during the days you used it. Turn off the device using the switch on the bottom and let it fully charge for at least 3 days before using it again.

The light still does not turn on:

First, please make sure that the lighting is switched on. If it is dark and the light does not turn on, this may be due to the proximity of a light source (e.g. street lighting, light coming from outside or inside your property, or from your neighbours) which affects the dimming sensor and prevents the lighting from turning on. To check, simply cover the top or bottom solar panel completely to see if the light turns on or not. Usually, the lighting is partially charged at the factory, but this is not always the case. Turn off the device using the switch on the bottom and let it fully charge for at least 3 days before using it again.