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# KODAK

## LED Floodlights

## KODAK LED Floodlight and LED Motion Floodlight

These LED Floodlights feature 85% energy saving and water-resistant housing making them ideal for outside directional lighting.

KODAK LED Motion Floodlight PIR sensor is triggered by infra-red sources such as humans, animals etc which come into its detection range.

Sensitivity settings can be adjusted to work in different light levels: when the LUX dial is set to the 'SUN' position, the sensor will work in the daytime and when set to the 'MOON' position it will sense movement in light levels less than 3 lux.

The detection distance can be manually adjusted from 2m to 10m depending on the floodlights location and your requirements. For a smaller detection range turn the SENS dial anticlockwise, for a wider range turn the SENS dial clockwise. The maximum floodlight height for sensor detection is 2.5m

The LED Motion Floodlight features an adjustable time delay which will activate once the sensor has detected motion. To adjust to the time for which the light is on, turn the 'TIME' dial anticlockwise or clockwise to suit your requirements. The minimum time setting is approximately 7-13 seconds, whereas the maximum is approximately 5-9 minutes.

Please note: Whilst these Floodlights do not need to be installed by a qualified electrician, they should be fitted to standards in accordance with BS7671 and within the current guidelines of local and IEE wiring regulations. These Installation Instructions should be followed to avoid the risk of electrical shock. We do recommend that you make yourself aware of the regulations before undertaking any work and to consider getting the fitting checked by a qualified electrician for safety.

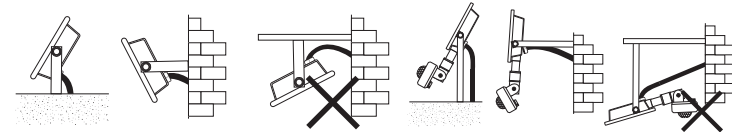
**Please note:** This Floodlight should be fitted by a competent person to local standards and guidelines. These Installation Instructions should be followed to avoid the risk of electrical shock. We do recommend that you make yourself aware of applicable regulations before undertaking any work and to consider getting the fitting checked by a qualified electrician for safety.

### PLEASE NOTE:

- Ensure the power supply is switched off before fitting.
- This floodlight is for outdoor use only.
- This floodlight must be mounted on a non-flammable surface.
- Ensure adequate ventilation is between the floodlight and any object above, in front or to either side. Minimum distance: 0.5m above, 0.3m to either side and 1.0m in front (see diagram).
- The floodlight can become hot during use. Please allow adequate cooling time before handling.
- This floodlight is of Class I construction and must be earthed.
- Please do not take the light apart to avoid damaging its water proofing.
- To avoid eye damage do not look directly into the lamp while it's on.
- Voltage rating 220V to 240V 50/60HZ.
- Ensure the mains cable is at the bottom of the floodlight, towards the ground.
- Once adjusted for position ensure both screws in the bracket are fully tightened.
- Do not use if the glass is cracked or damaged.

### Installation Instructions KODAK LED Floodlight and LED Motion Floodlight:

1. Turn off power.
2. Remove mounting bracket and use as a template to mark fixing holes.
3. Secure bracket in location.
4. Connect the floodlight's cable to the mains electricity supply using an approved terminal block and ensuring the correct polarity is observed.
5. Screw the mounting bracket back on to the light, adjusting the fitting to the required angle before tightening the bolts.



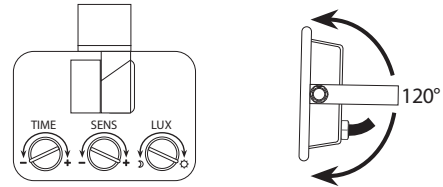
### Wire connection guide

- The brown wire is connected to the L wire of mains electricity supply.
- The blue wire is connected to the N of mains electricity supply.
- The green/yellow wire is connected to the earth wire.
- Power Cord type: H05RN-F 3 x 1.0mm<sup>2</sup>

### Testing the LED Motion Floodlight

1. Turn the SENS dial clockwise to the maximum setting, turn the TIME dial anti-clockwise to the minimum setting, turn the LUX dial clockwise to the maximum (sun) setting.
2. When the power is first switched on the light may not work, wait 30 seconds for the sensor to acclimatize before re-testing. After this time, the sensor should detect a motion source (within its set range) and the light will come on. After the set time the light will then switch off.
3. After 5-15 seconds trigger the sensor again, the sensor will detect the motion and the light will come on and after the set delay will then switch off. The floodlight should not come on unless motion within its set range is detected.
4. Turn the LUX knob anti-clockwise to the minimum setting (moon). When adjusted to less than 3 lux the light and sensor should not work during daylight. If the sensor is covered or obscured by an object the motion sensor will not work.

The normal operating duration for the light is 5-15 seconds, once the testing is complete make any final adjustments to the settings as required. Please ensure if testing in daylight the LUX knob is on the sun position otherwise the sensor and light will not work.



### Maintenance Instructions

1. There are no user serviceable parts inside the floodlight. Do not attempt to disassemble.
2. Periodically wipe the housing with a clean, damp cloth, do not use chemicals.

### Disposal

This product must be disposed of according to local regulations. For information about collection and disposal points in your area please contact your local authority. Where possible please recycle all packaging.

### Troubleshooting: KODAK LED Floodlight

The light does not work:

- Check the power switch is in the ON position
- Check all connections and wiring for the power and light are correct.

### Troubleshooting: KODAK LED Motion Floodlight

The light does not work:

- Check the power switch is in the ON position
- Check all connections and wiring for the power and light are correct.
- Check the LUX setting is set correctly for the current light.

The sensitivity is poor:

- Check orientation of the sensor is correct and at the correct height.
- Check detection window is not obstructed.
- Make sure that the LUX knob is correctly set.
- Make sure that the SENS knob is correctly set.

Floodlight remains ON:

- Check the power is wired correctly and corresponds to the instructions.
- Make sure that the LUX knob is correctly set.
- Make sure that the Time knob is correctly set.
- Check if the temperature near the sensor is stable and not frequently changing, such as next to an air conditioning unit or other heating sources etc.