The purpose of the lens mask is to mask out areas not desired for detection.

**Lens mask fitting procedure:**

• Use a penknife or pliers to cut out lens mask segment, exposing area for detection.
• Attach the lens mask to the detector head.
• Push the lens mask for it to be locked into place.

**WARNING**

3 Year Guarantee

In the unlikely event of this product becoming faulty due to defective material or manufacture within 3 years of the date of purchase, please return it to your supplier in the first year with proof of purchase and it will be replaced free of charge. For years 2 and 3 or any difficulty in the first year telephone the helpline on 020 8450 0515.

**WARNING**

The temperature of the lamp is very high during operation. You will get hurt if you touch the heat sink.

**TECHNICAL SPECIFICATIONS:**

- **LED lamp, PF < 0.6**
  - **50W Max**
  - **200W Max**
  - **1000W Max**

- **LED lamp, PF > 0.9**
  - **200W Max**

- **Supply**
  - 220 - 240V 32W

- **Output**
  - 2000 Lumens

- **Weatherproof**
  - IP55

- **External**
  - Up to 5 LED 400 uncontrolled lamps

**Lamp adjustment**

The lamp can be tilted down 55 degree and pan outward 90 degree to left or right.

**Dusk Setting (Time knob setting)**

• When setting the time knob to "D", the motion detector of LED400PIR won't function.
• The lamp will operate depending on the "LUX" level, ie Dusk to Dawn.

**Knob settings**

- **TIME knob setting**
  - Adjust knobs carefully with hand.
  - TIME knob setting:
    - When the TIME knob is turned to "0", the motion detector of LED400PIR will not operate in the dark.
    - When setting the TIME knob at "24 Hrs", LED400PIR will operate in the dark.

- **LUX knob setting**
  - When setting the Lux knob at "FLOOD", LED400PIR will operate in any light level.

**32W LED PIR FLOODLIGHT**

Model: LED400PIR - White
Model: LED400PIR - Black

**Knob Settings**

- **T**ime and Lux at the bottom of the detector head.
- **LUX knob setting**
  - When setting the Lux knob at "MOON", LED400PIR will only operate in the dark.
  - When setting the Lux knob at "SUN", LED400PIR will operate in any light level.

**Lamp settings**

- **Lamp knobs**
  - Lamp knob 1: On at night.
  - Lamp knob 2: On at night.
  - Lamp adjustment:
    - The lamp can be tilted down 35 degrees and pan across 50 degree with the spacer.
    - The lamp can be tilted down 55 degrees and pan across 90 degrees to left or right.

**Environment Lux level to turn On**

| Timeguard Limited. | Victory Park, 400 Edgware Road, London NW2 8ND | Sales Office: 020 8492 1112 | or email csc@timeguard.com | 67.058.486 | 82x192 | 98x160 | 95x144 | 84x229

**For a product brochure please contact:** 

**Timeguard Limited.**

**Installation & Operating instructions**
1. Designated Use

- LED400PIR is an outdoor motion detector for automatic LED lighting control
- Suitable for installation on walls
- Simple plug in wall plate for easy & safe connection
- Suitable for a wide range of locations: corridors, gardens, staircases, entrances, garages, outdoor parking areas etc.

Index:
- Page 2 Contents, Tools required.
- Page 3 Product dimensions.
- Page 4 Installation procedure.
- Page 5 Sensor detection range.
- Page 6 Walk test & adjustment, Detector head adjustment.
- Page 7 Knob settings.
- Page 8 Lens masking.
- Page 9 Lamp adjustment
- Page 10 High temperature in lamp.

2. Basic Safety Instruction

Danger of death through electric shock.
- Must only be installed by qualified electricians.
- Avoid the metal parts of the device due to potentially high temperature.
- The device conforms to EN60598 for designated installation; IP55 in accordance with EN 60529 and IEC62471 Photo biological safety.
- Designed for use in normal environments.
- Intended for outdoor installation.
- Energy saving.
- Long LED bulb life.

3. Contents:

What's in the box?

4. Tools required:

Tools / Equipment need for installation.

5. Product Dimensions:

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Width</th>
<th>Height</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spacer</td>
<td>15.00</td>
<td>104.00</td>
<td>91.00</td>
</tr>
<tr>
<td>Wall Plate</td>
<td>179.00</td>
<td>292.00</td>
<td>108.00</td>
</tr>
</tbody>
</table>

* The Spacer is an optional fitting which gives maximum Pan angle.

6. Installation Procedure:

Switch off the power.

Screw the wall plate to the unit. Unit goes into warm-up period for 40 sec.

Connect the mains supply cable to the terminal block on the backplate as follows.

For additional lighting, connect the external load to the terminal box on the back plate as shown.

CONNECTION:

- LIVE
- NEUTRAL
- EARTH
- BLUE
- GREEN / YELLOW
- BROWN

Notes on installation:

- Feed the wires through rubber gasket of the wall plate with spacer and attach to corresponding terminal.
- Fix the spacer with the wall plate to the wall or the wall plate alone.
- Attach the device to the wall plate.
- Unscrew the wall plate.
- Push and open the wall plate.

Work Test and Adjustment

The system of Work Test is used to test and adjust the detection coverage of LED400PIR under side view.

Test procedure:

- Adjust the Time knob to "T". From a work a test as described in test.
- Switch on the power.

Note walking direction when performing test.

Detector Head Adjustment

The detector head can be panned 90 deg. to the left and 90 deg. to the right.

CAUTION:

- The device responds to changes in temperature, avoid the following situations:
  - Pointing the detector towards objects with highly reflective surfaces, such as mirrors etc.
  - Mounting the detector near heat sources, such as heating vents, air conditioning units, lights etc.
  - Pointing the detector towards objects that may move in the wind, such as curtains, tall plants etc.

Detection Range:

LED400PIR: Recommended installation height is 2.5 meter above ground, the maximum detection range about 12 meter and at the angle of about 180 deg.