HELPLINE
020 8450 0515

or email helpline@timeguard.com

For a product brochure please contact:

Timeguard Limited.

Victory Park, 400 Edgware Road,

London NW2 6ND

Sales Office: 020 8452 1112

or email csc@timeguard.com

A **theben** Group Company

67.058.486

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Knob Settings
LED400PIR has two adjustment knobs:
Time and Lux at the bottom of the detector head.
• Adjust knobs carefully with hand.

TIME knob setting
• You can set the time knob from 5 sec to about 10 min, LED400PIR will turn On the lamp, for the time duration set after each detected movement.
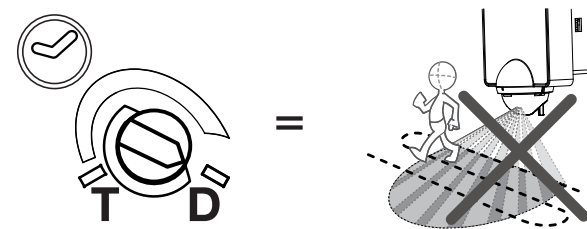• Adjust the knob as desired.

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.

Adjustments

Turn On time adjustment   Environment Lux level to turn On

5sec   10min
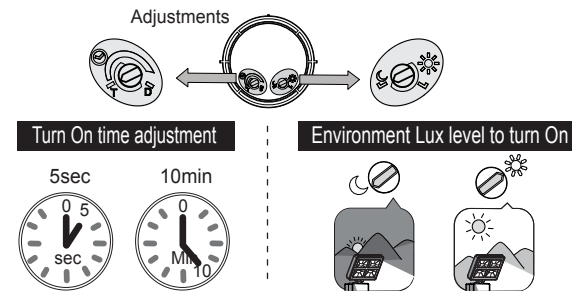
Dusk Setting (Time knob setting)
• When setting the Time knob to "D", the motion detector of LED400PIR won't function.
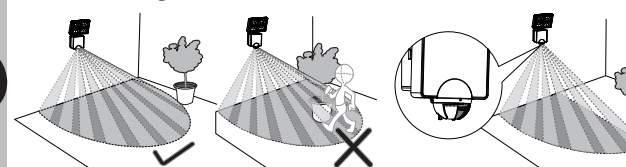The lamp will operate depending on the "LUX" level, ie Dusk to Dawn..

T   D   =

8

Lamp turns On at night.   Lamp turns On at day & night.

Setting Advise

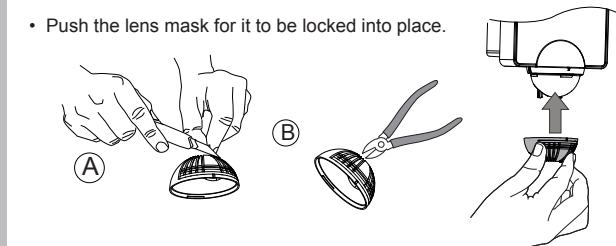⚠ **WARNING**

T D + = 24 Hrs

Lens masking

The purpose of the lens mask is to mask out areas not desired for detection.
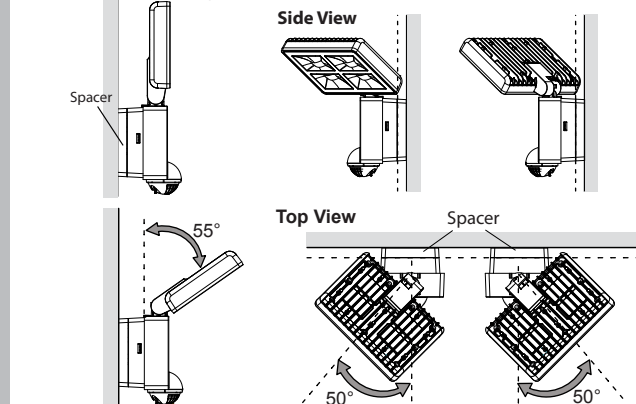
Lens mask fitting procedure:
• Use a penknife or pliers to cut out lens mask segment, exposing area for detection.
• Attach the lens mask to the detector head.
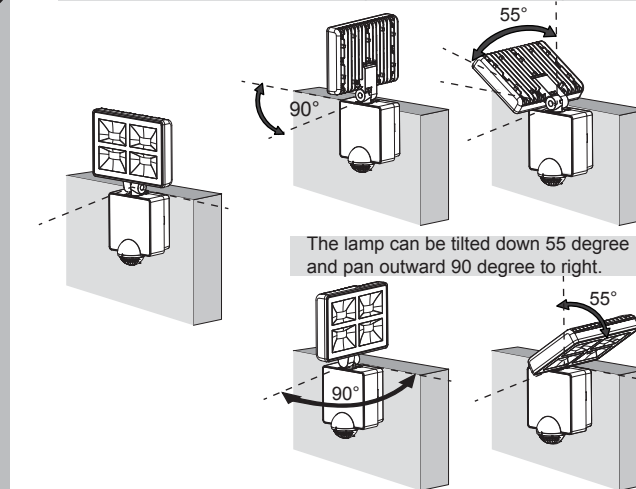• Push the lens mask for it to be locked into place.

A   B

9

Lamp adjustment
The lamp can be tilted down 55 degree and pan outward 50 degree with the spacer or 40 degrees without.

Side View

Spacer

Top View   Spacer

55°

50°   50°

The lamp can be tilted down 55 degree pan outward 90 degree to left

55°

90°

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

55°

90°

10

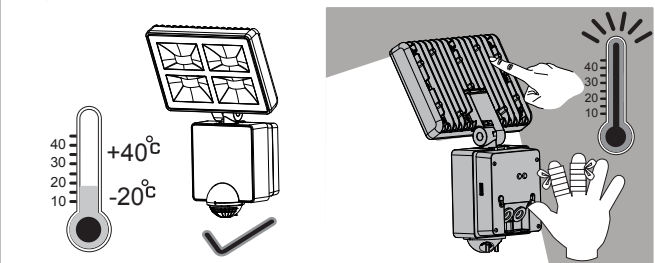⚠ **WARNING**

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

+40℃   -20℃

TECHNICAL SPECIFICATIONS:	
Supply	220 - 240V 32W
Output	2000 Lumens
Weatherproof	IP55
External	Up to 5 LED 400 uncontrolled lamps
Other loads	
LED lamp, PF < 0.6	50W Max
LED lamp, PF > 0.9	200W Max
Halogen lamp load	1000W Max
CFL	120W Max
Fluorescent tube w/o PF correction	200W Max

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.

3 Guarantee

32W LED PIR FLOODLIGHT

Model: LED400PIRW - White
Model: LED400PIRB - Black

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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.

⚠ WARNING

2. Basic Safety Instruction
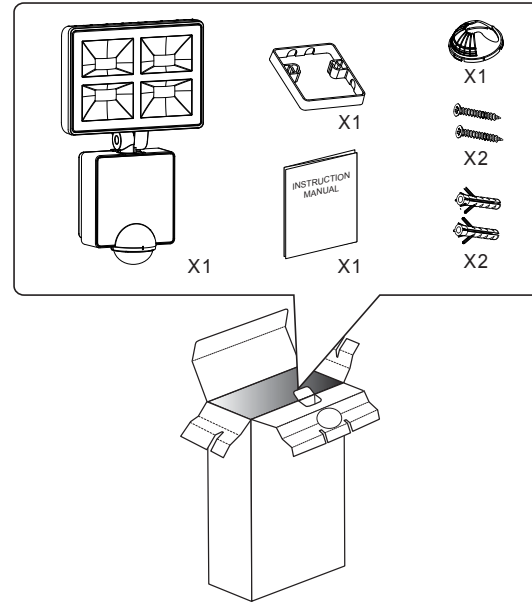
Danger of death through electric shock.

• 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 of lamps and lamp system.

• Designed for use in normal environments

• Intended for outdoor installation.

• Energy saving.

• Long LED bulb life.

Index :

1

3. Contents:

What's in the box?

X1
X1
X2
X1
X1
X2

4. Tools required:

Tools / Equipment need for installation.

X 1   X 1   X 1

2

5. Product Dimensions:

31.00

179.00   179.00

292.00   161.00   131.00

108.00   86.00   108.00

179.00

Spacer dimension:

15.00
104.00
91.00
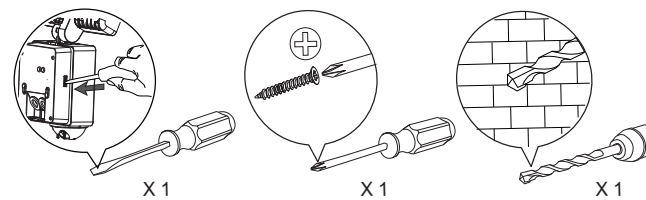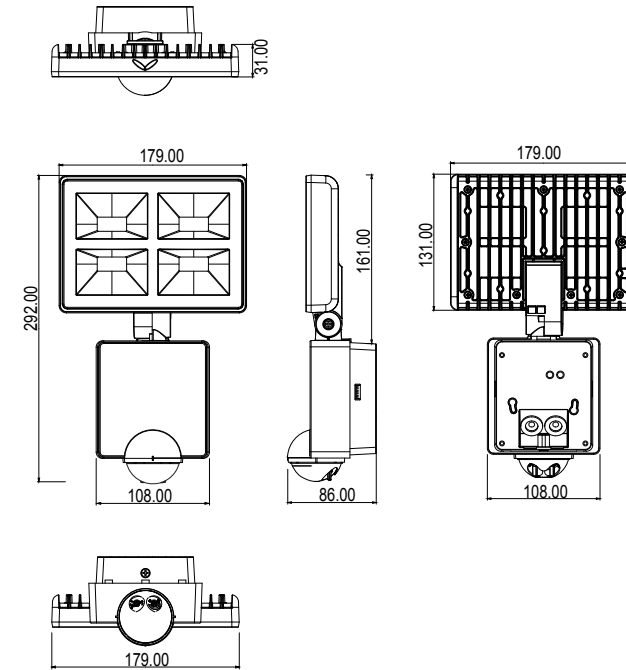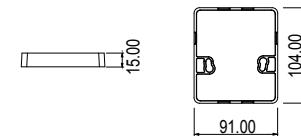
* The Spacer is an optional fitting which gives maximum Pan angle.

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6. Installation Procedure:

① Unscrew the wall plate.   ② Push and open the wall plate.   ③ Fix the spacer to the wall plate if required.   ④ Switch off the power.

Push   Use the spacer if necessary.   OFF
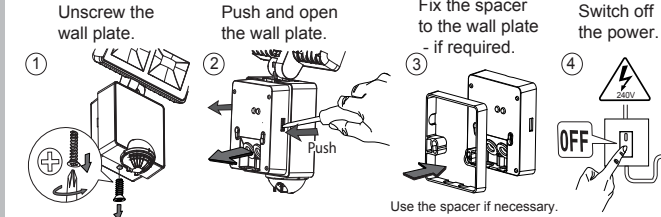
⑤ CAUTION: OFF   Fix the spacer with the wall plate to the wall or the wall plate alone.   ⑥

∅5mm
60mm

MOUNTING SCREW x 2

⑦ Feed the wires through rubber gasket of the wall plate with spacer and attach to corresponding terminal.

CONNECTION: (See connection diagram)
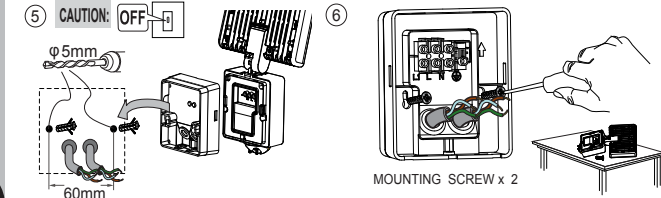
Connect the mains supply cable to the terminal block on the backplate as follows.

L	LIVE	BROWN
N	NEUTRAL	BLUE
⊕	EARTH	GREEN / YELLOW

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

L 1	SWITCH LIVE	BROWN
N	NEUTRAL	BLUE
⊕	EARTH	GREEN / YELLOW

⑧ Attach the device to the wall plate.   ⑨ Screw the wall plate to the unit.   ⑩ Unit goes into warm-up period for 40 sec.

ON

**4**
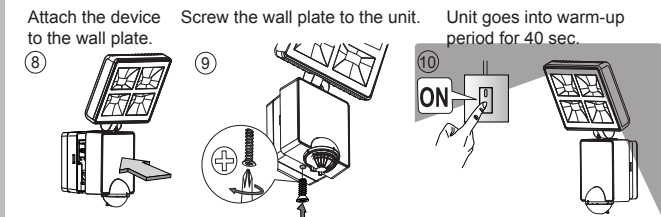
Installation Advise:

⚠ WARNING

As the detector responds to changes in temperature, avoid the following situation:

• 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.
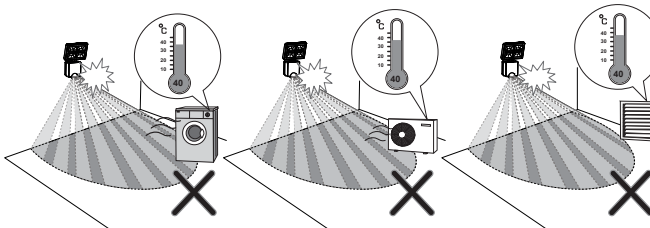
Detection Range:

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.

1.8 TO 2.5 M
6 METER
12 METER
180°

6m
1m
0.5m
180°
12m

5
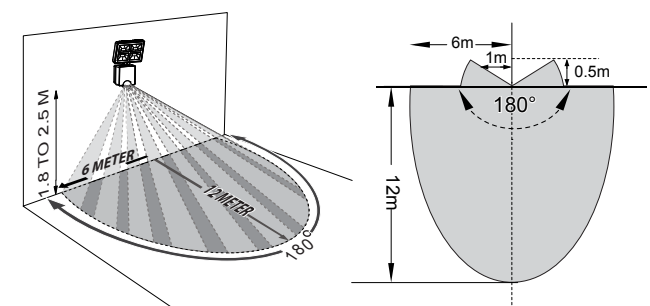
Walk Test and Adjustment

The purpose of Walk Test is used to test and adjust the detection coverage of LED400PIR under auto mode.

• Adjust the Time knob to " **T** ", then conduct a walk test as described in test procedure.

Test procedure:

• Adjust the Time knob to " **T** ", (Lux knob can be "Sun" or Moon").

• Walk across the detection area, once the detector is triggered and the lamp will turn ON for 2 seconds.

Note walking direction when performing test.

2 sec

0
2
Sec

T
Test mode
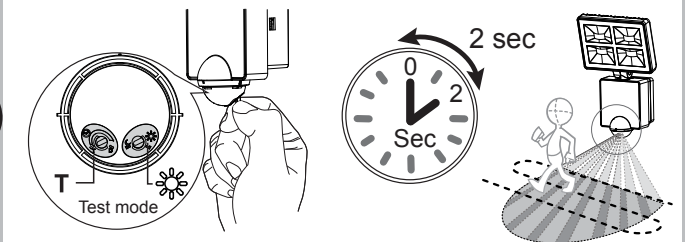
Detector Head Adjustment

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

* Do not use the adjuster knobs to turn the detector head.

90°   90°

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