

# Stainless Steel Lantern with PIR

To be read in full before installation and kept for future reference

## Safety Instruction

- Ensure the power supply is switched off before fitting, servicing
- This lantern is for outdoor use only
- This lantern must be mounted on a non-flammable surface
- Ensure adequate ventilation is allowed between the lantern 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.
- The lantern can become hot during use. Allow adequate cooling time before handling. This lantern is of Class I construction & must be earthed.
- This lantern must be installed in accordance with the current edition of the IET Wiring Regulations.

**If in doubt, contact a qualified electrician.**

## Installation Instructions

- Remove the rear cover by releasing the 2 retaining nuts on the front of the base
- Feed the supply cable through the grommet and secure the rear cover to the mounting surface via the 2 mounting hole using appropriate fixings, noting the correct “up” orientation
- Terminate the supply conductors into the terminal block ensuring the correct polarity is observed (L = Live (brown), N = Neutral (blue), ⊕ = Earth (green/yellow)).
- Return the terminal block to the rear cover ensuring to position it on the 2 locating pillars on the rear cover, and in accordance with the terminal markings
- Offer the lantern back to the rear cover and secure in position via the 2 retaining nuts removed earlier
- Remove the top cover by releasing the 3 retaining nuts
- Lift the polycarbonate sleeve out of the lantern. Take care not to remove / misplace the 2 rubber seals on either end of the sleeve
- Insert the lamp into the lampholder
- Return the sleeve ensuring that both rubber seal are correctly in place
- Return the top cover and secure in position with the 3 retaining nuts removed earlier.

## PIR Control

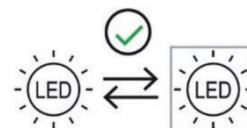
On the base of the PIR are dials:

- Sensitivity Control – Provisionally turn the control fully anti clock wise. In this setting the PIR sensitivity is set to approximately 1m. Turning the dial clock wise increases the sensitivity up to a maximum of 8m
- Daylight / Lux Control – Provisionally turn the control fully anti clock wise. In this setting the PIR is inactive during daylight. At dusk, when the light level is at the desired level, adjust the dial clock wise until the Lantern turns on
- Time Control – Turn the dial fully anti-clockwise, the Lantern will stay on for 10secs. Turn the dial fully clock wise, the Lantern will stay on for 4mins.
- Manual override – To override the PIR so that the Lantern stays on constantly, turn the power to the Lantern off and immediately back on twice (off-on-off-on) within 2 seconds. The Lantern will then stay on constantly. To return control to the PIR, turn the power to the Lantern of for at least 10 second and then back on again.

## Maintenance

LED Light source replaceable by end user. Ensure the power supply is switched off before servicing.

**Note:** Models with suffix LED# contain a LED light source of energy efficiently class F.



## Guarantee

- Stainless steel can become stained over time due to environmental factors such as proximity to coastal areas and exposure to high winds, pollution and high temperatures. Staining is especially common within 5 miles of coastal areas.
- Deta does not assume responsibility for corrosion or other damage due to environmental factors, such as installation in areas where salt is present in either the air or soil, or exposure to chemicals or high air pollution levels

Power Supply	220 - 240V 50Hz	PIR Detection Range & Angle	8 meters @ 90°
Lamp Type	E27	PIR Time range	10 sec – 4 minutes
Lamp wattage	60W max	Lux level range	2 – 1000 lux
IP Rating	IP44	PIR Sensitivity range	Up to 8 meters
Construction	Class I (must be earthed)	PIR manual override	Yes