

These instructions are for the Déluce Lighting LED Wall Lantern :

DLULAN7B, DLULAN7B/S

INTRODUCTION

This Wall Lantern incorporates either a Standard (no sensor) or PIR (Passive Infrared).

Safety

- Before installation or maintenance, ensure that the mains supply to the luminaire is switched off and the circuit supply fuses are removed or the circuit breaker is turned off.
- It is recommended that a qualified electrician is consulted or used for the installation of this luminaire and installed to the current edition of the IEE wiring regulations.
- Check that the total load on the circuit with this luminaire does not exceed the rating of the circuit, cable, fuse or circuit breaker.

Ratings

- This luminaire is of Class II construction - Double insulated.
- IP44 rated.
- F marked, suitable for installation on to normal flammable surfaces.
- 230V~50Hz AC rated.

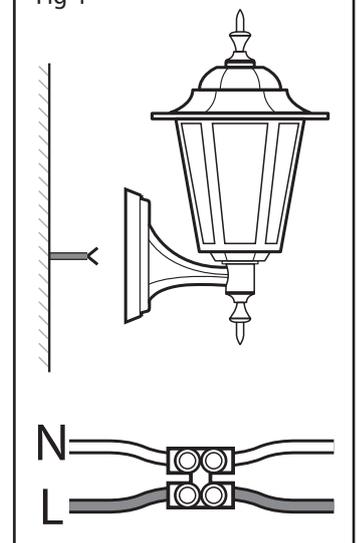
Installation

- Loosen fixing nuts and remove the inset back mounting plate from the luminaire.
- Position and mark the 2 fixing holes (you may have to pierce them through) of inset back mounting plate (with fixing bolts in place) to a suitable solid surface, drill the marked holes and fit a suitable wall/surface plug (supplied).
- Feed the supply cable through the back of the inset back mounting plate, using the grommet supplied (Fig 1).
- Attach the supply cable to the terminal block, within the luminaire's base (Fig 1).
- Check that all connections are correct and tight as any errors may damage the lamp or cause a fire hazard.
- Re-fit the lantern back on to the mounting plate.
- Tighten fixing nuts, the luminaire is now ready for use.

Please turn over for PIR instructions.



Fig 1



GUARANTEE

This product is guaranteed in the EU for a period of 1 year from the date of purchase. The guarantee is invalid in the case of improper use, installation, tampering, removal of the QC date label, installation in an improper working environment or installation not according to the current edition of the IEE Wiring Regulations (BS 7671). Should this product fail during the guarantee period it will be replaced free of charge, subject to correct installation and return of the faulty unit. Déluce Lighting does not accept responsibility for any installation costs associated with the replacement of this product. Your statutory rights are not affected. Déluce Lighting reserves the right to alter specifications without prior notice.



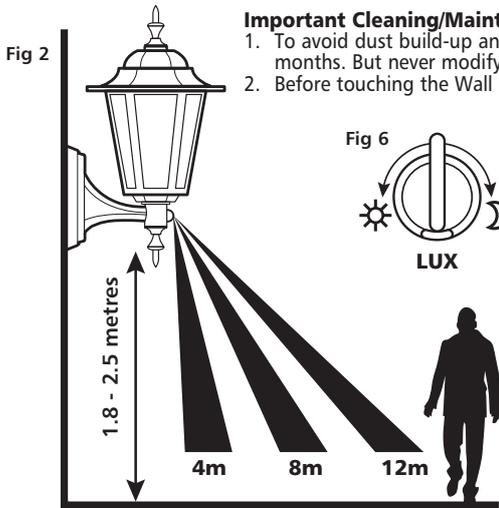
PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION
LEAVE A COPY FOR THE USER/MAINTENANCE ENGINEER FOR FUTURE REFERENCE
We recommend this fitting is installed by a qualified Electrician.

PIR Version

The PIR version continuously scans a preset operating zone or area and immediately switches the lamp on automatically when movement is detected, when no movement is detected the lamp switches off. If movement is constant within the range of the PIR the lamp will stay on. The PIR option makes it ideal for pathways, steps, patios, porches etc where security or convenient lighting is required.

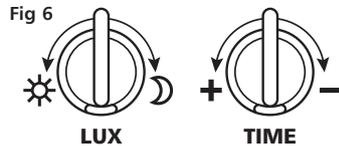
INSTALLATION INSTRUCTIONS

- To achieve the best results from your Wall Lantern we suggest you take into account the following points before you fit the unit.
 - Do not fix to a surface where vibration is possible or may occur.
 - To avoid nuisance triggering of the PIR, the sensor should be directed away from heat sources, such as barbecues, air-conditioners, other outside lighting, moving cars and flue vents. Also keep away from strong electromagnetic disturbances.
 - Ideally the Wall Lantern should be mounted 1.8 to 2.5 metres (6 to 8 feet) above the area to be scanned (see Fig 2).
 - Do not aim the PIR towards reflective surfaces, such as, smooth white walls, swimming pools etc. The PIR sensor scanning specifications (approximately 12 metres at approximately 110° - Horizontal, see Fig 3) may vary slightly, depending on the mounting height and location. The detection range of the unit may also alter with temperature changes. Before selecting a place to install your PIR Wall Lantern, you should note that movement across the scan area is more effective than movement directly towards or away from the PIR sensor (see Fig 4). If movement is made walking directly towards or away from the PIR sensor and not across, the PIR detection range will be substantially reduced (see Fig 5).
- Please note this Wall Lantern is not dimmable.
 - After finishing the mounting, the PIR and Dusk to Dawn Sensors are fixed.
 - Switch on the power supply for testing and adjustment.
- Please Note:** This Wall Lantern should be wired to its own light switch. Do not interconnect with other lights on the same switch.



Important Cleaning/Maintenance Information:

- To avoid dust build-up and to ensure the correct function of the Wall Lantern, wipe the sensor lens lightly with a damp cloth every 3 months. But never modify the unit, there are no user serviceable parts inside.
- Before touching the Wall Lantern, please switch off all power to the unit and let it cool completely.



UNDERSTANDING THE CONTROLS (PIR) (refer to Fig 6)

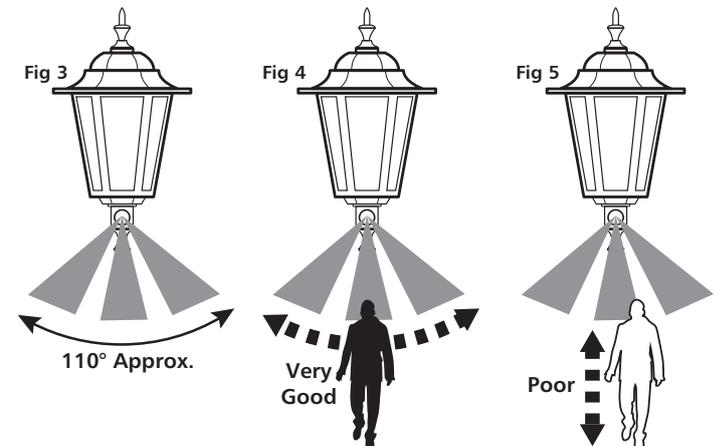
Adjusting the Duration Time: The length of time the Wall Lantern remains on once activated can be adjusted from 5 Seconds to 5 Minutes. Rotating the TIME control from + to - will alter the duration time.

Note: Once the light has been triggered by the PIR sensor any subsequent detection will start the time period again from the beginning

Adjusting the Lux Control Level: The Lux control module has a built-in sensing device (photocell) that detects daylight and darkness. The ☀ position denotes that the Wall Lantern can work during the day and at night the 🌙 position means it will only work at night. You can set to operate the unit at the desired level by adjusting the LUX control.

SETTING THE CONTROLS

- Turn the LUX control to the daylight ☀ position, turn the Wall Lantern on and wait half a minute for the control circuit to stabilize. At this stage ensure that the TIME control is set at the minimum duration time - position. The Wall Lantern will now switch on and remain on for approximately 30 seconds (within 60 seconds).
- Direct the sensor toward the desired area to be scanned by adjusting the PIR sensor.
- Have another person move across the centre of the area to be scanned and slowly adjust the PIR sensor until the unit detects the presence of the of the moving person, causing the light to switch on (see Fig 3).
- Adjust the time control to the required setting.
- To set the LUX level at which the light will automatically switch 'ON' at night, please turn the LUX control from the daylight position to night. If the light is required to switch on earlier, e.g. Dusk, wait for the desired environmental light level, then slowly turn the LUX control towards the daylight position while someone walks across the centre of the area to be detected. When the light switches on, release the LUX control. You may need to make further adjustments for your ideal light level setting.



TROUBLE SHOOTING AND USER HINTS

Problem	Possible Cause	Suggested Remedy
Light does not switch on when there is movement in the detection area.	<ol style="list-style-type: none"> No mains Voltage. Nearby lighting is too bright. 	<p>Check all connections and fuses/switches.</p> <p>Relocate the unit.</p>
Lamp switches off for no apparent reason (false trigger).	<ol style="list-style-type: none"> Heat sources such as air-con, vents, heater flues, barbecues, other outside lighting, moving cars are activating sensor. Animals/birds eg: dogs, foxes, cats etc. Interference from on/off switching of electric fans or lights on the same circuit as your Wall Lantern. This problem does not always occur, but a faulty switch or noisy fluorescent light may cause the Wall Lantern to switch on. Reflection from swimming pool or reflective surface. 	<p>Move away from heat sources.</p> <p>Relocating the unit may help.</p> <p>Should the false triggering become troublesome, consider:</p> <ol style="list-style-type: none"> Replacing a faulty switch Replacing noisy fluorescent tubes and/or starters. Connecting the Wall Lantern to a separate circuit. <p>In most cases where one or more of the above suggestions has been carried out, false triggering has been reduced.</p> <p>Relocating the unit may help.</p>
Light remains on.	<ol style="list-style-type: none"> Continuously false triggering. Time is set too long. 	<p>Relocating the unit may help.</p> <p>Reduce time.</p>
Light switches on during daylight hours.	Lux control is set to daylight position.	Turn Lux control to desired light level setting
When fitting in daylight the detection distance becomes shorter	Interference by Sunlight.	Re-test at night