

### POLY BULKHEAD NLLRB1PIR Issue 02 on 1<sup>st</sup> December 2016

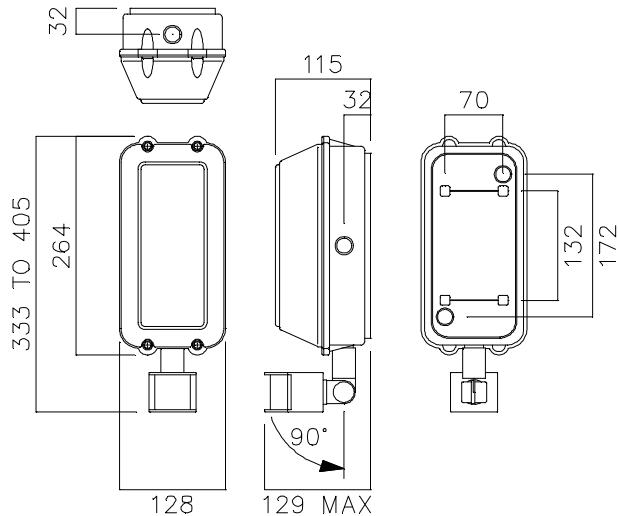
**SAFETY.** This is a mains powered product. It is designed to be installed by suitably qualified personnel only and in accordance with the applicable building and electrical regulations. Before installation or maintenance the electrical supply to the product must be isolated.

**WARRANTY** This product is warranted to be free of defects in materials, design and workmanship for 5 years from the date of purchase. If a suspected fault should develop in this time, please call our helpline on +44 (0)800 783 6909. This warranty does not include batteries or consumable items such as fuses.

**INSTALLATION SUPPORT** If installation advice or accessories are required please also contact us on the number above. We will do our best to help. When reporting a suspected fault or seeking installation support the problem is likely to be resolved most quickly if you have full product details to-hand, as well as details of when and where it was purchased.

#### INSTALLATION

1. Remove the diffuser from the base by undoing the four diffuser fixing screws.
2. Loosen the four gear tray retaining screws and slide to align the screw heads with the large aperture of the keyhole slots & remove the gear tray away from the base.
3. Prepare the mains supply cable & fixing points on the chosen mounting surface ensuring it is able to retain the weight of the luminaire.  
**Note! The luminaire should be orientated as per the diagram, so the PIR sensor is under the main luminaire. Further to that the PIR should be orientated so the adjustment dials are on the bottom face of the sensor head.**
4. Prepare cable entry hole in the base moulding in required location. There are prepared holes in the base & side walls of the body.
5. Pass the mains supply cable through the hole, offer the base to the mounting surface & secure using the screws provided.



6. Route the mains supply cable to the terminal block on the gear tray & terminate ensuring correct polarity is observed.  
**Note! This luminaire must be earthed**
7. Refit the gear tray (opposite of point 2) & secure by retightening the screws.
8. Refit the diffuser & front bezel then secure using the screws, taking care not to over tighten.
9. Reconnect power supply & check for correct operation.

**Note! Luminaires fitted with electronic drivers are exempt from insulation resistance tests as this may cause damage to the drivers.**

### PIR SENSOR INFORMATION & SETTINGS

Key sensor ratings:

- Detection angle: 180 degrees
- Maximum detection distance: 12m
- Working temperature range: -10 to +25 deg C
- Recommended installation height: 1.8 to 2.5m
- Angle of tilt on head unit: 90 degrees (see diagram on page 1)

The dials to adjust the PIR sensor settings are located on the base of the PIR head unit. The following adjustments can be made:

#### SENS (Sensitivity)

Rotate the dial to control the area of sensitivity. From minimum (fully anti-clockwise) to maximum (fully clockwise).

#### TIME

Rotate the dial to control the length of time the luminaire will stay on after occupancy has ceased. From 5 seconds minimum (fully anti-clockwise) to 6 minutes maximum (fully clockwise).

#### LUX

Rotate the dial to control the ambient light level at which the sensor will allow the luminaire to switch on. From 2 lux minimum (fully anti-clockwise) to only switch on when very dark, through to 2000 lux maximum (fully clockwise) to always switch on regardless of ambient light.

Note! The fully clockwise setting should be used to check functionality on initial installation.

### MAINTENANCE

1. Cleaning should be carried out at regular intervals so as not impair photometric performance or thermal safety of the luminaire.

