

INSTALLATION INSTRUCTIONS

Wilson X Slim High Efficacy Bulkheads

Product Codes: **WLX25, WLX25/C, WLX25E, WLX25E/C, WLX25/MS & WLX25E/MS**

Safety Warning



- The installation should be carried out by a qualified electrician in compliance with the current edition of the IEE Wiring Regulations.
- Prior to installation, carry out the necessary risk assessment considering the people who could be at risk, the level of risk and the precautions required to control the risk
- Ensure that the circuit supply is isolated either by the circuit supply fuse being removed or the applicable circuit breaker being turned off before installation or any maintenance.
- Check the total load on the circuit ensuring the luminaire does not exceed the rating of the circuit cable, fuse or circuit breaker.
- Long-term use and voltage fluctuations can reduce the life span of the fitting.
- If the fitting incorporates control gear, ensure careful sizing to avoid instances of nuisance tripping of the protective device used in the installation.
- Follow the provided installation instructions, using the fixings supplied or recommended.
- Keep out of reach of children.

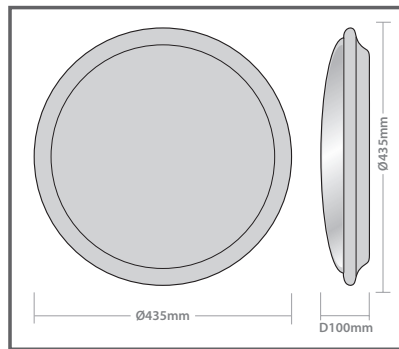


Specification

Box Contents -

1 x Wilson X Slim High Efficacy Bulkhead

Dimensions:	Ø: 435 x D: 100mm
Material:	Steel body & polycarbonate diffuser
Working Temperature:	Standard: -20°C - 40°C Emergency: 5°C - 40°C
Included:	Fast Fit Terminal Block



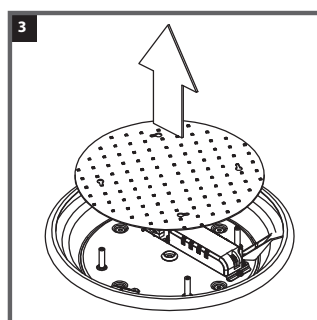
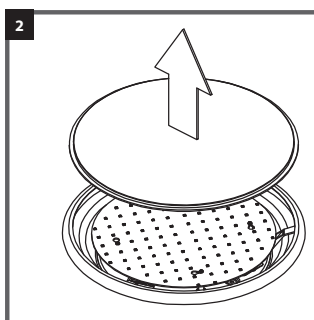
*Batteries 2 year guarantee

MAXIMUM FITTINGS PER CIRCUIT

Automatic Circuit Breaker Type:	B6	B10	B13	B16	B20	C10	C13	C16	C20
Rated Current:	6A	10A	13A	16A	20A	10A	13A	16A	20A
Cable (mm):	1.5	1.5	1.5	1.5	2.5	1.5	1.5	1.5	2.5
WLX25, WLX25/C, WLX25/MS	25	40	50	60	80	40	50	60	80
WLX25E, WLX25E/C, WLX25E/MS	20	35	45	50	70	35	45	50	70

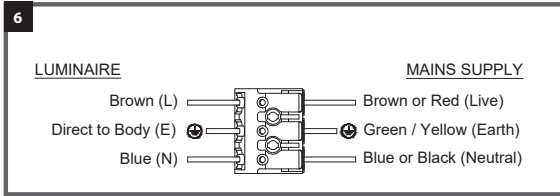
Installation Instructions

- Isolate the mains supply before commencing with the installation.
- Remove the diffuser from the base. Press the diffuser in, against the spring clips. Slide the diffuser to one side until one edge is visible. Pull visible edge out of the body to remove diffuser.
- Loosen, but do not remove, the 4 gear tray retaining screws, rotate the gear tray to align the screw heads with the large aperture of the keyhole slots and remove the gear tray away from the base.

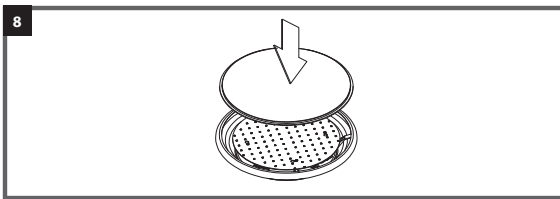


4. A cable entry point is provided via a grommet, which should be pierced to pass a cable through.
5.
 - A. Feed the mains cable through the grommet.
 - B. Hold the fitting up to the ceiling / wall in the desired position and mark hole fixing centres.
 - C. Drill fixing holes.
 - D. Insert rawl plugs.
 - E. Fix in position with fixings supplied.
6. Connect the mains supply cables to the terminal blocks supplied as follows:
 - Live (Brown / Red) to terminal marked L
 - Neutral (Blue / Black) to terminal marked N
 - Earth (Green / Yellow) to terminal marked ⚡

N.B. These luminaires must be earthed.



7. Ensure there are no exposed conductors, loose strands or trapped insulation.
8. Refit the gear tray and secure by retightening the screws.

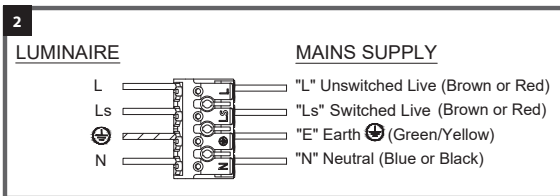


9. Refit the diffuser.

Restore the mains power supply, switch on and test for satisfactory operation.

Emergency Version Instructions

1. Follow instructions 1-5 on the previous page & above.
2. The luminaire requires a secondary unswitched live supply as well as a switched supply. Connect the unswitched supply to the terminal marked L. Connect the switched supply to the terminal marked Ls. The 'unswitched' supply must be taken from the same phase as the 'switched' supply and must be wired to the same MCB so that upon test, it is isolated at the same time as the switched supply.



3. Route the cable to the terminal block and terminate, ensuring correct location is observed.
4. When the power supply is reconnected, check the green LED illuminates. This indicates the batteries are charging.
5. The batteries should be charged for at least 24 hours before carrying out a full discharge test, to check batteries are charging correctly and 3 hour emergency duration is achieved.

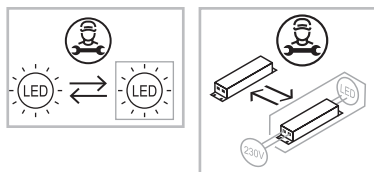
Note: For non-maintained operation, only an unswitched supply to terminal L is required.
For switched maintained, follow instructions in 2 above.
For unswitched maintained operation, connect cables as in 2 above but also link Ls & L.

Guarantee

This product is guaranteed for a period of 5* years from the date of purchase (* batteries 2 year). The guarantee is invalid in the case of improper use, tampering, removal of the Q.C. date label, installation in an improper working environment or installation not according to the current edition of the I.E.E. Wiring Regulations (BS7671). The guarantee is also invalidated if the luminaire has been insulation tested. 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. We do not accept responsibility for any installation costs associated with the replacement of this product. Your statutory rights are not affected. We reserve the right to alter specifications without prior notice.

Maintenance

- This fitting will require routine cleaning if used in adverse (dust, paint, welding, oils etc) environments. Do not use solvents, aggressive detergents or abrasives.
- The light source & driver in this luminaire can be quickly and easily replaced at end of life. This should be carried out by a competent person. Contact Red Arrow for details of replacements.



- When this fitting comes to the end of its life or you choose to replace it, please do not dispose of it with your normal waste. Please recycle where the facilities exist, check with your local authority for suitable options.

INS/COMMERCIAL/0010/WLX25/V4