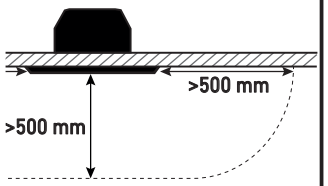
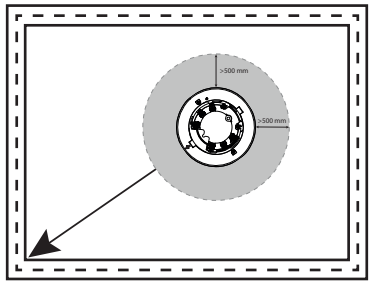
equirements:



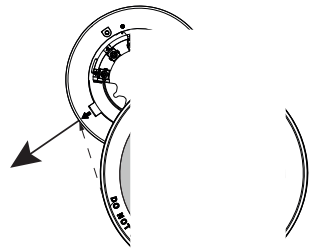
t there are no objects within 500mm
rance (e.g. tops of doors, aircon
fittings etc)

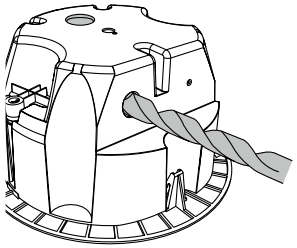
2



Position backbox arrow towards the longest clear line of sight which is free from any ceiling obstructions

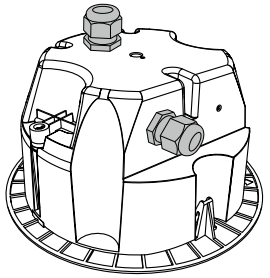
3





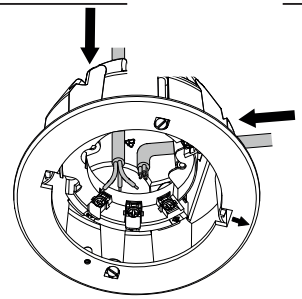
e not to damage the connector ring or rest of
box when making holes

5



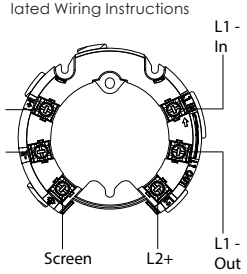
Example of top and side entry

6



Example of top and side wiring entry

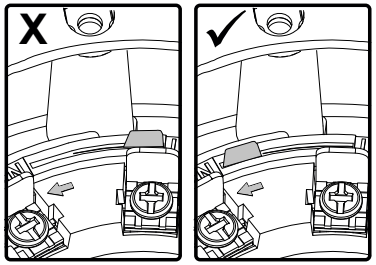
lated Wiring Instructions



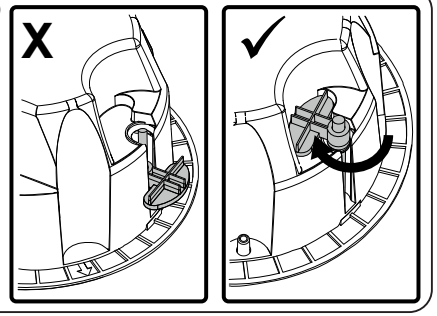
isolated wiring, connect both L1- together
In/Out terminals

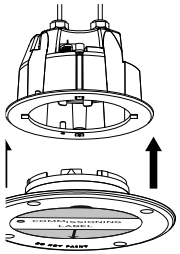
8

Correct continuity link position



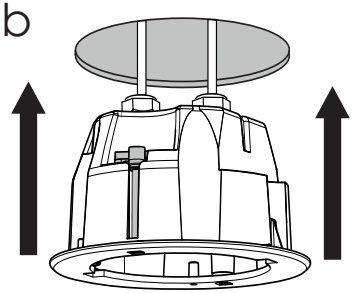
9



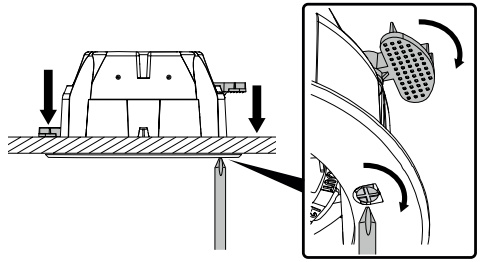


for the Soteria Dimension Specialist
tector only

10b



11



Screw down for the Soteria Dimension Optical Detector only, tabs are not needed for the Specialist variant

Detector Location

Correct alignment of the detector can be done by positioning the arrow marked on the backbox with the longest clear line of sight which is free from any ceiling mounted obstructions. The commissioning label present on the faceplate of the detector should line up with the backbox arrow when fitted.

Refer to steps 1 - 3 for best practice.

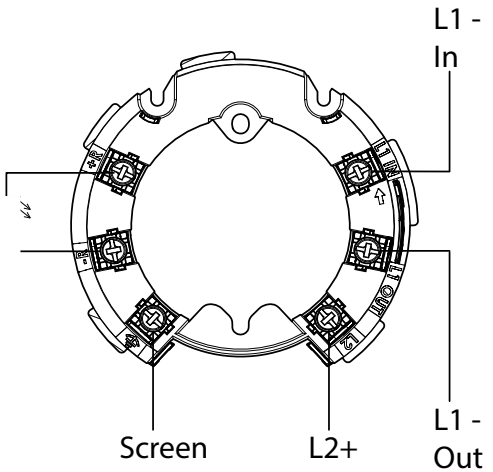
Necessary Requirements:

- Always maintain the minimum clearance of 500mm in all directions (Step 1)
- Position backbox arrow towards the longest clear line of sight which is free from any

Fault condition reported	Object blocking windows Proximity fault Commissioning label left on
Drift warning or fault	Contaminated windows Incorrect detector orientation
Analogue value unstable	Dual address Loop data fault, data corruption
Constant alarm or pre-alarm	Contamination build-up on windows Obscuration of windows
Isolator LED on	Short-circuit on loop wiring Wiring reverse polarity Too many devices between isolators

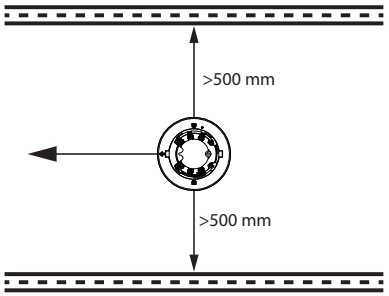
NOTE: IF THE CAUSE OF A FAULT IS NOT OBVIOUS OR EASY TO RECTIFY, PLEASE IMMEDIATELY CONTACT YOUR FIRE MAINTENANCE SERVICE PROVIDER OR THE APOLLO TECHNICAL SUPPORT TEAM.

Isolated Wiring Instructions



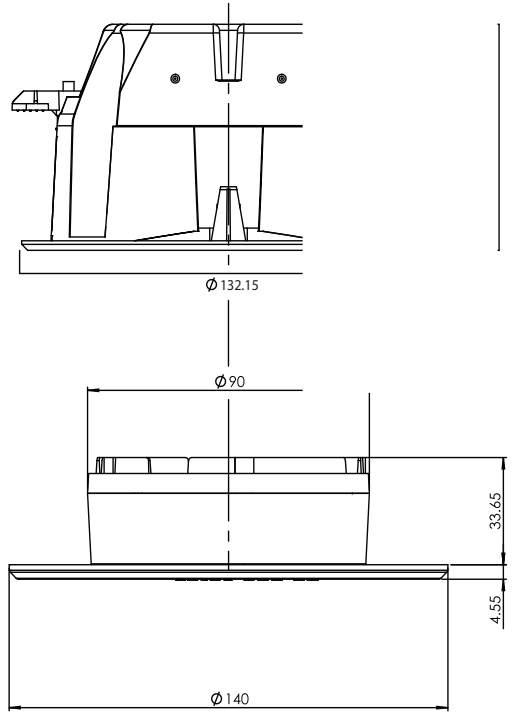
-isolated wiring, connect both L1- together in either In/Out terminals

orridor

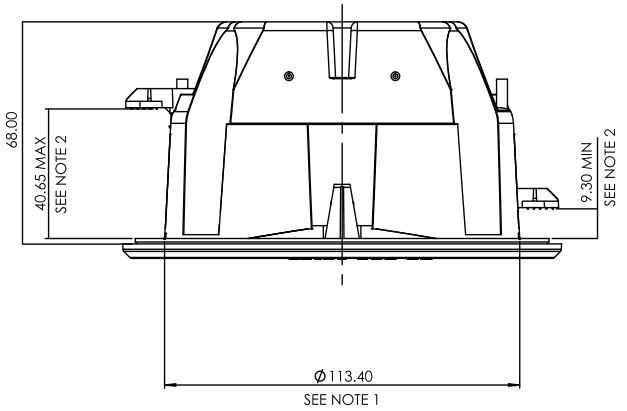


backbox arrow towards the longest clear line of sight which is free from
iling obstructions

Backbox Dimensions



EXPLODED VIEW OF DETECTOR FITTED & BACKBOX



DETECTOR FITTED TO BACKBOX

© Apollo Fire Detectors Limited, 2020
Apollo Fire Detectors Limited, 36 Brookside Road, Havant, Hampshire, PO9 1JR, UK
Tel: +44 (0) 23 9249 2412 Fax: +44 (0) 23 9249 2754