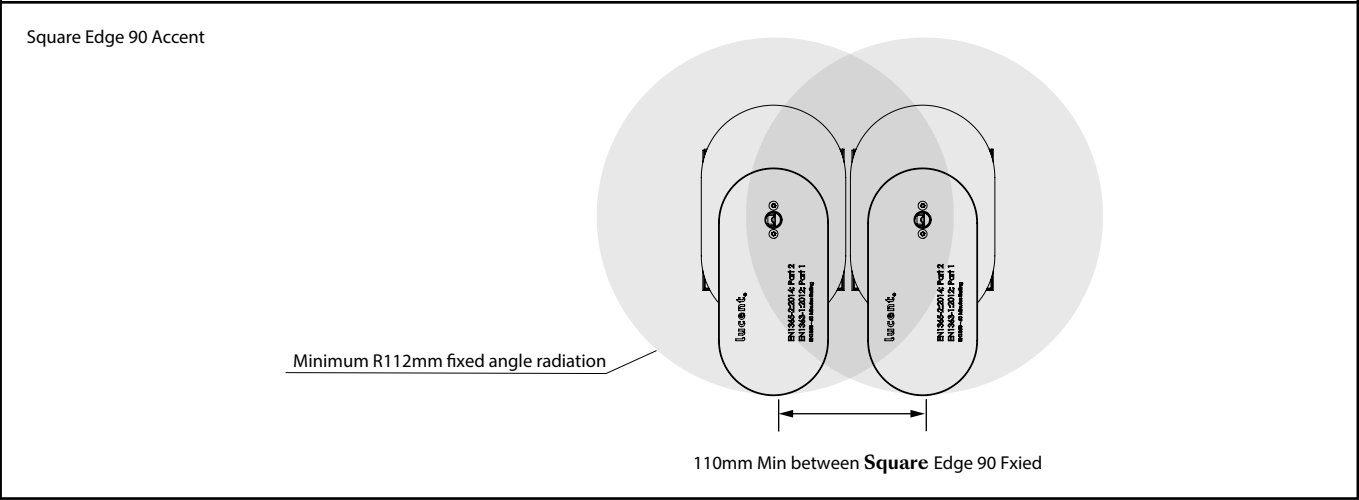
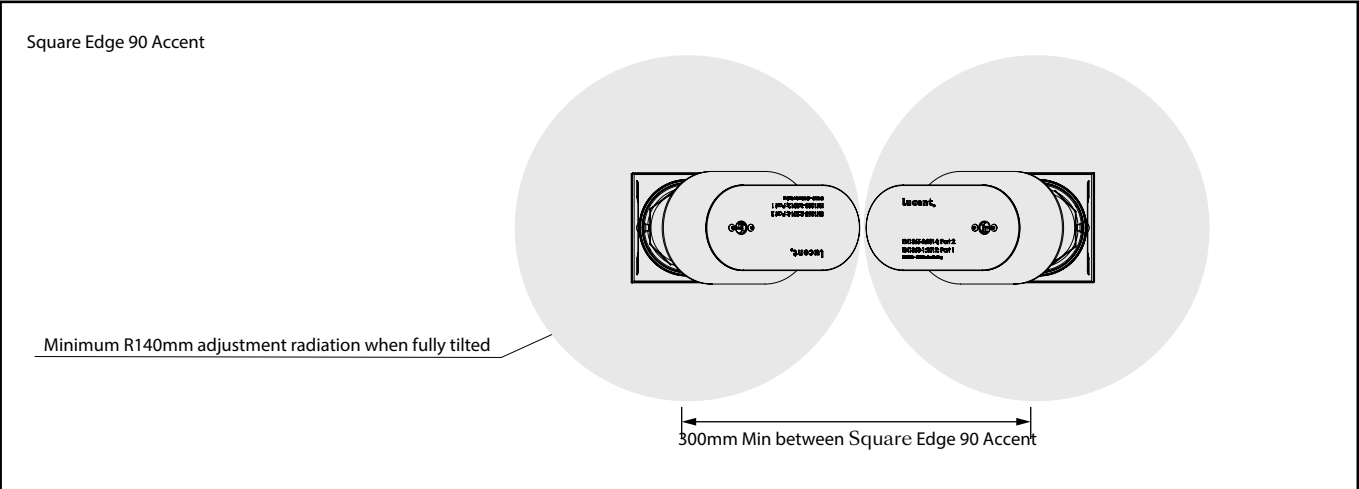
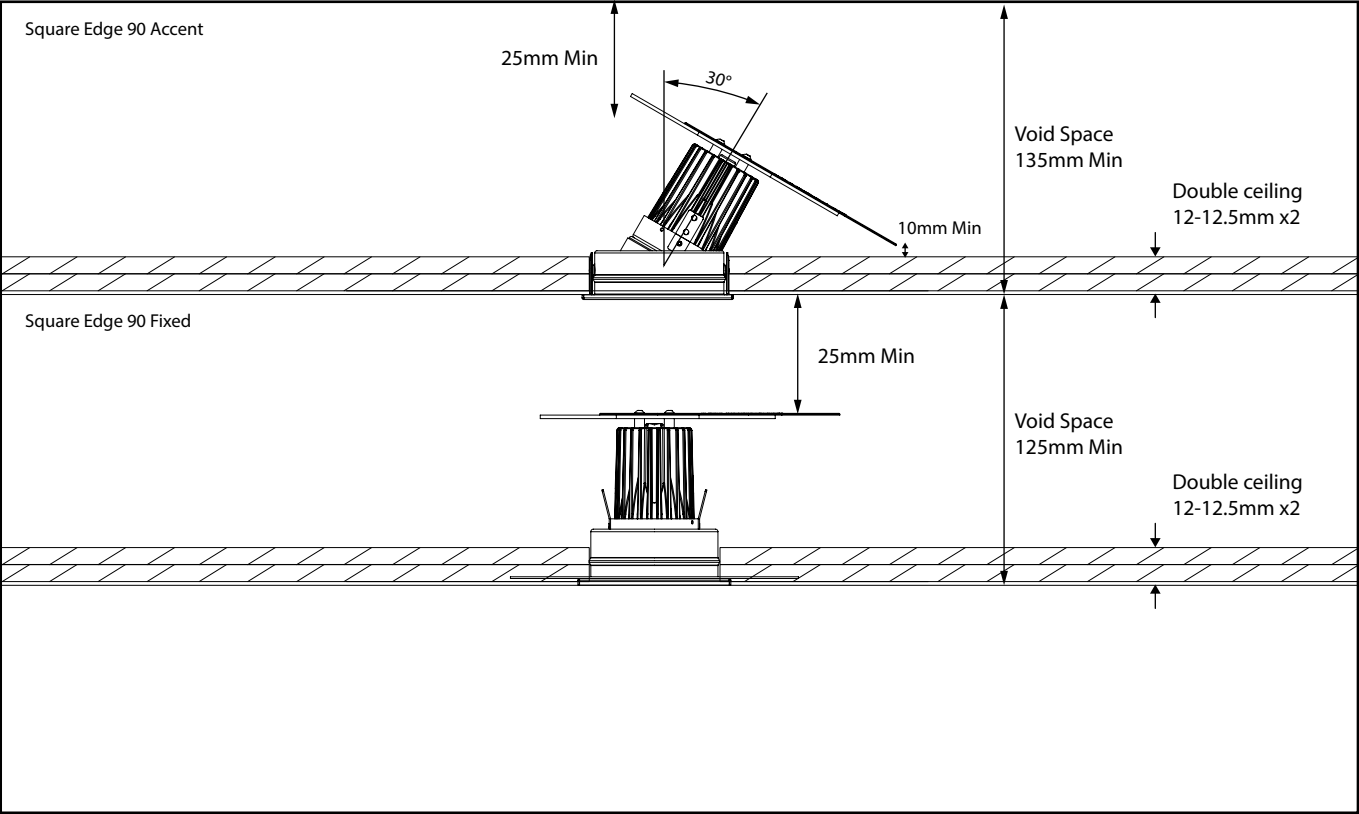


Fire Rated Square Edge 90 Installation Instructions



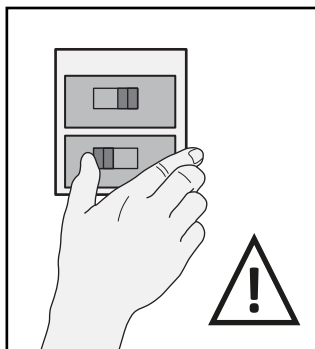
This product range has been tested to the following standards,

EN1365-2:2014; Part 2

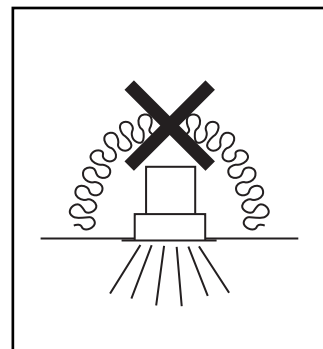
EN1363-1:2012; Part 1

EN1363-1 :60MINS

- Please read the following instructions carefully.
- Follow all national and local wiring and safety regulations.
- These products should only be installed by qualified personnel.
- These luminaires require a CC LED driver
DO NOT CONNECT DIRECTLY TO MAINS POWER!
- To prevent damage to the luminaire, only connect products manufactured by Lucent lighting.
- Observe the LED warning label attached to the modules cable. remove label prior to installation (removal of the label implies understanding and acknowledgement of the conditions for installation).
- To prevent damage of the soft intumescent plate, remove / install the fitting carefully and suggested <3 times removals
- Please do not remove the fitted soft intumescent plate from the LED engine, unless it is necessary to replace, for instance, damage replacement.
- Retain these instructions for future reference.

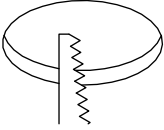


Switch off mains power before installation.



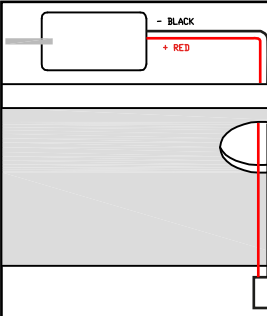
Do not cover luminaires with insulation material.

Fire Rated Square Edge 90 installation:



Cut hole as follows:	
90/Square Edge	83mmØ

For PB or PC installation

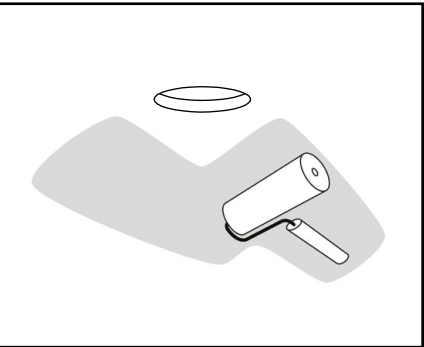


Refer to instructions supplied with the CC LED driver for connection details

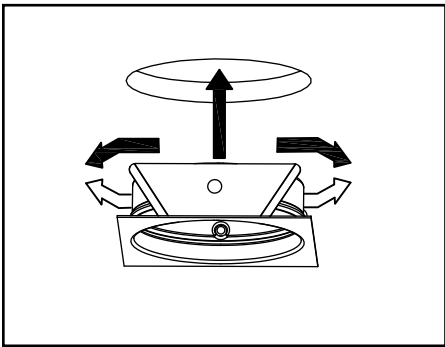
PC = Flush trim with mesh plate for plaster installation.
PB = mounting ring for installation into existing ceilings, minimal visible trim

Install LED Drivers through the ceiling cut-out.
Wire Primary and, if required, the dimming control input of the equipment according to the installation instructions provided/printed on the driver.

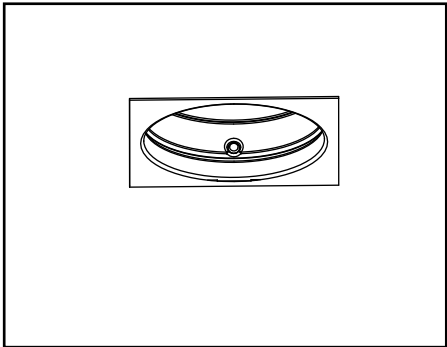
PB installation:



1. Make good and paint ceiling before installing PB Trim

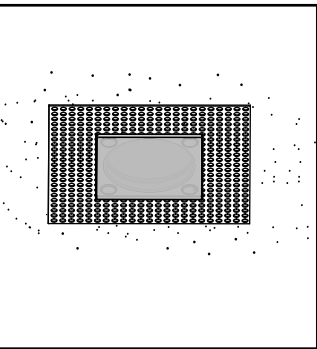


2. Fit the PB installation trim into the hole. Press spring blades toward the luminaire body and carefully insert into the ceiling (Recommended - for additional strength bond ring into the hole).

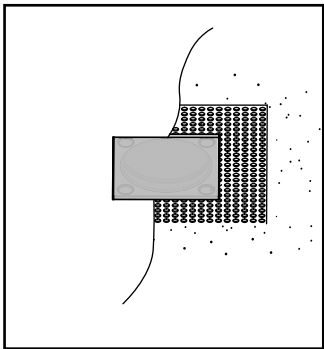


3. Push the PB trim up until trim is flat against the finished ceiling.
Installation ring is now ready for final installation.

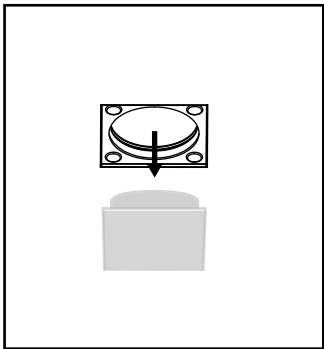
PC installation:



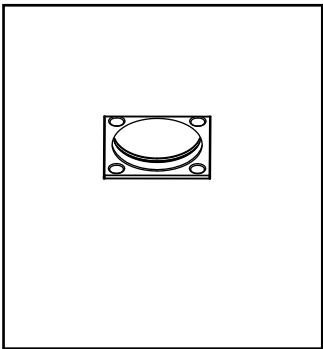
1. Fit the PC installation trim into the hole and fix the mesh plate to plasterboard with screws. (Recommended - for additional strength bond ring into the hole).
Leave protective insert in place at this stage.



2. Skim plaster to the lip edge of the plaster ring.
Make good and paint ceiling before removing protective insert from installation kit..

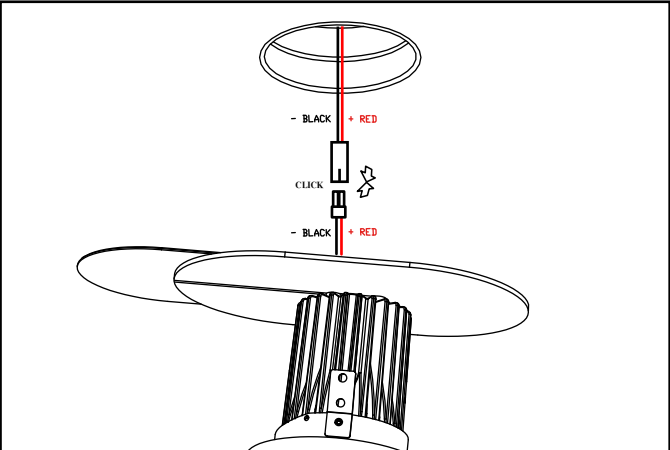


3. Remove protective insert and clean and excess paint and/or plaster from the lip edge.

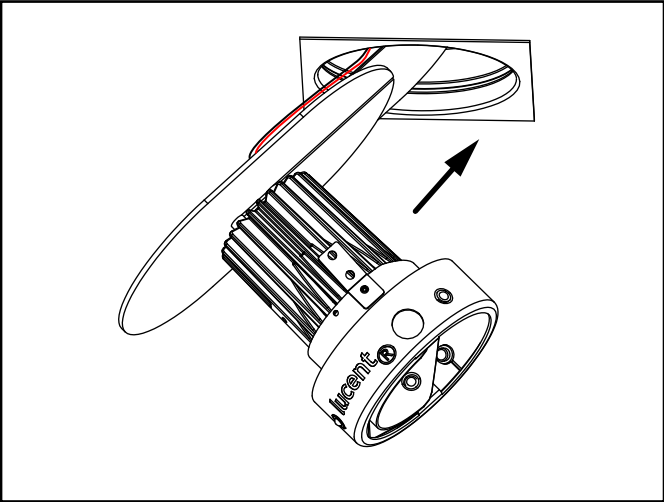


4. Installation ring is now ready for final installation.

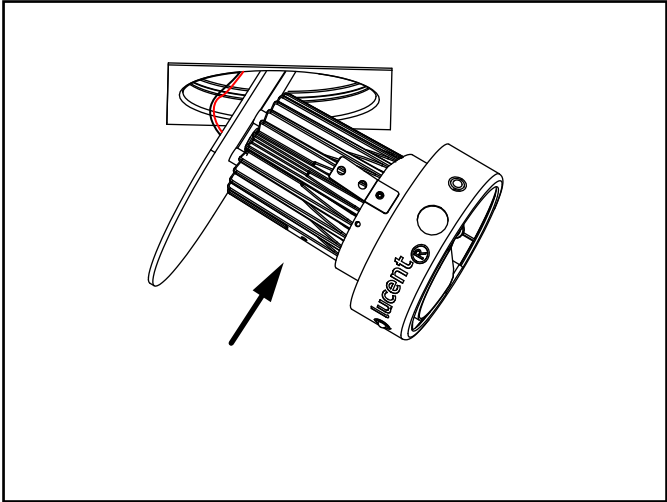
Fire Rated Square Edge 90 installation:



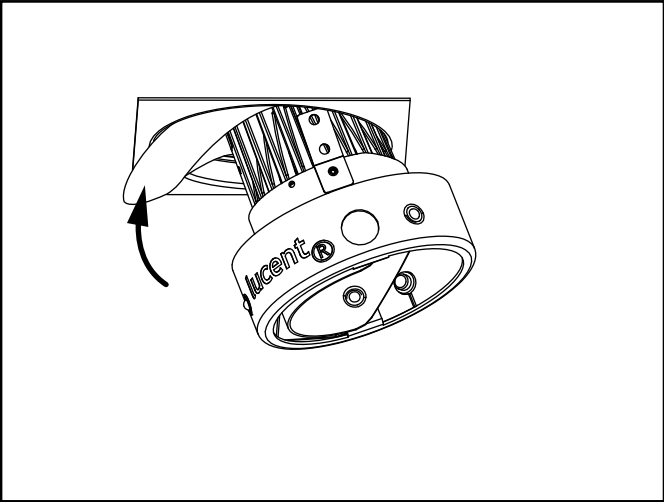
Ensuring the driver is not energised, connect the LED lead to the flying lead from the driver.



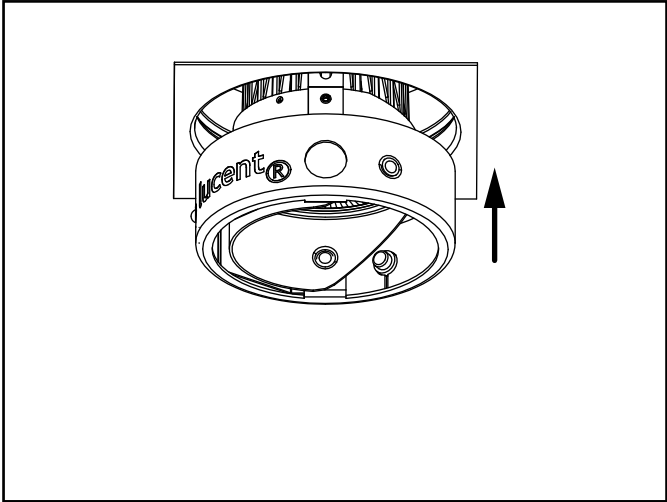
1. Tilt the luminaire body and insert from the steel plate side into the PB/PC trim.



2. Tilt the luminaire body more and slightly insert further with the top steel plate and the intumescent material.

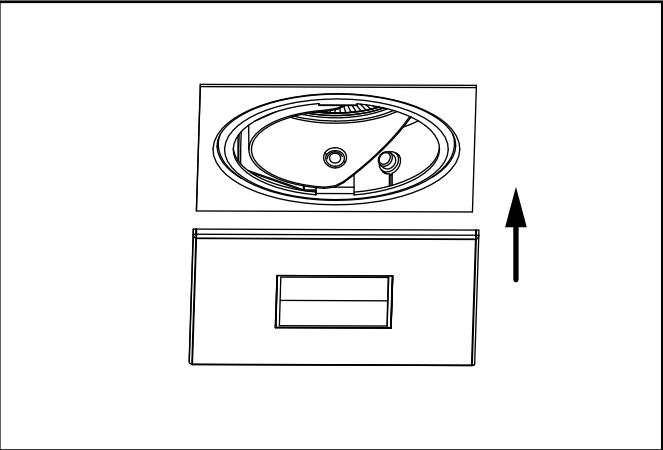


3. Tilt back the luminaire body to let the short side of the steel plate pass through the PB/PC. Then the soft intumescent plate will be bended out of the PB/PC. Carefully squeeze the intumescent plate back through the PB/PC until it pass through the PB/PC trim.



4. Now the top kit should pass through the PB/PC trim and in the correct position for fire rating purpose. Then push the entire luminaire body upward to clip into the PB/PC

Fire Rated Square Edge 90 installation:

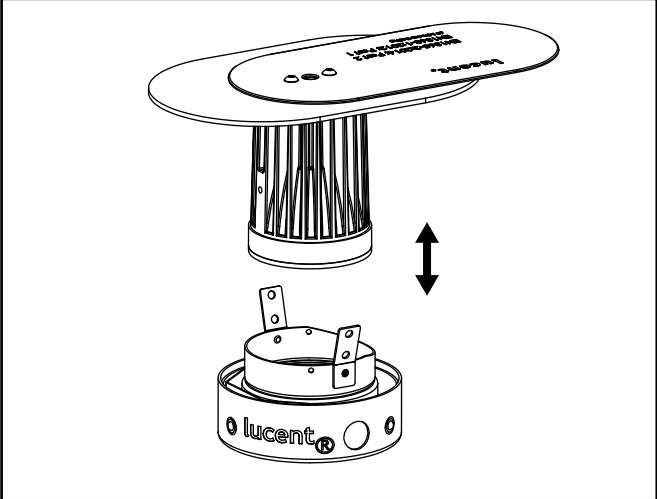
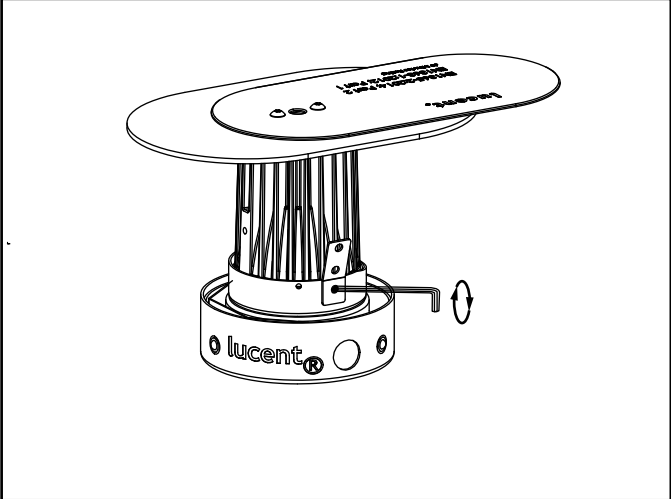


5. Place the Square Edge front plate on the PB/PC trim.
Then the fire rated Square Edge 90 installation has been completed.
Body can rotate 360° within the trim with the light tilting angle 30°.

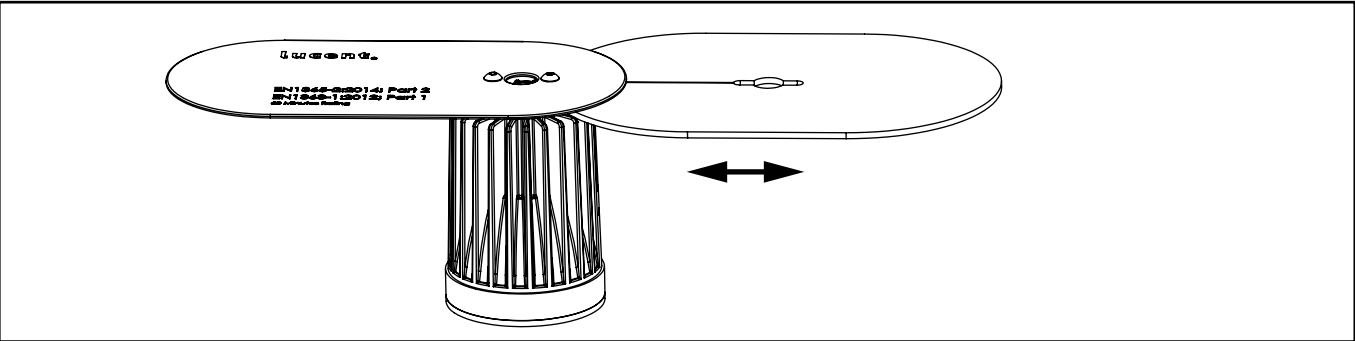
• Instructions applicable for the following luminaires:

- ProSpex Square Edge 90 Fixed:
81433F-F-LED-PB, 81433F-F-LED-PC,
81433F-F-LED-PB-54, 81433F-F-LED-PC-54
ProSpex Square Edge Accent:
81433F-A-LED-PB, 81433F-A-LED-PC
81433F-A-LED-PB-54, 81433F-A-LED-PC-54

Fire Rated Square Edge 90 maintenance:



If the module needs to be removed from the fixture, use the Hex Allan Key to uncrew and release two sides grub screws . Then the LED module can be removed.
Reverse for re-assembly. (with Minitrim Accent, slightly tilt the bezel to expose the screw holes.)



The fire prevention intumescent material plate normally be factory fitted on the top of the LED module. However if the intumescent plate needs to be replaced, slide the intumescent plate through the slot along the screws. until it fitted. Do not over push. Reverse for removal.