

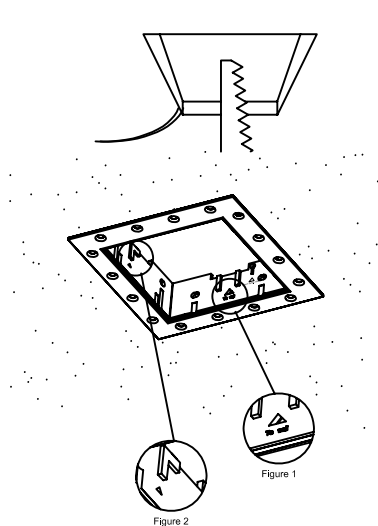
## Installation Instructions ProSpex Plus Square Trimless Kit

Instructions applicable for the following luminaires:

090+xx-TL-SQ, 093+xx-TL-SQ, 090+xx-TL-WW-SQ

090+33-xx-TL-SQ, 093+33-xx-TL-SQ

(xx = lamp type MR = QR-CBC51 low voltage, MH = CMH-MR16/CDM-Rm metal halide  
LED = ProSpex LED50, XSM = Xicato LED module)



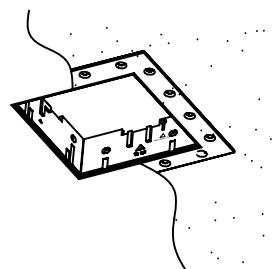
Cut hole as follows:
ProSpex + Square TL
102 x 102mm

Fit the installation collar and fix to plasterboard with suitable screws (drywall screws for example).

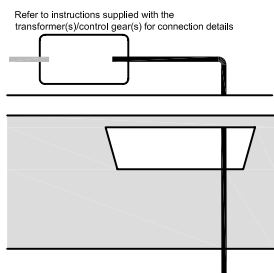
*(Tip - for additional strength bond ring into the hole).*

For Wallwashers, ensure the marking "To wall" is aligned to the surface to be illuminated (figure 1).

Note the solid triangle in figure 2 indicates the keyed alignment for the adjustable mechanism.



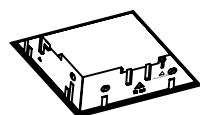
Skim plaster to the lip edge of the plaster ring.  
Make good and paint ceiling before installing luminaire body.



Refer to instructions supplied with the transformer(s)/control gear(s) for connection details

Install control gear, transformer or driver through the installation ring.

Wire equipment according to the installation instructions provided/printed on the equipment to the socket(s)/terminals provided.



Frame is now installed ready for the luminaire insert.

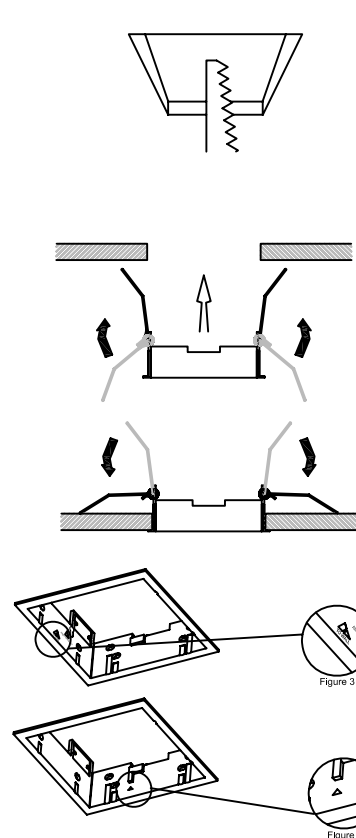
## Installation Instructions ProSpex Plus Square Trim Kit

Instructions applicable for the following luminaires:

090+xx-TR-SQ, 093+xx-TR-SQ, 090+xx-TR-WW-SQ

090+33-xx-TR-SQ, 093+33-xx-TR-SQ

(xx = lamp type MR = QR-CBC51 low voltage, MH = CMH-MR16/CDM-Rm metal halide  
LED = ProSpex LED50, XSM = Xicato LED module)



Cut hole as follows:
ProSpex + Square TR
102 x 102mm

Make good and paint the ceiling prior to installing the installation kit.

To install the installation kit, depress the springs and install the kit into the cut-out, taking care not to damage the ceiling with the springs. Square up the ceiling trim.

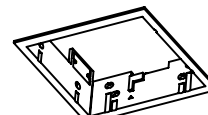
For Wallwashers, ensure the marking "To wall" is aligned to the surface to be illuminated (Figure 3).

Note the solid triangle in figure 4 indicates the keyed alignment for the adjustable mechanism.

Refer to instructions supplied with the transformer(s)/control gear(s) for connection details

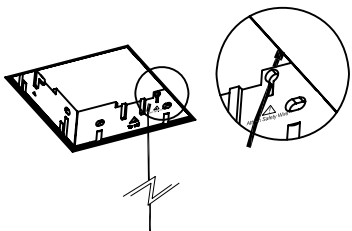
Install control gear, transformer or driver through the installation ring.

Wire equipment according to the installation instructions provided/printed on the equipment to the socket(s)/terminals provided.



Frame is now installed ready for the luminaire insert.

## Installation Instructions ProSpex Plus Luminaire inserts.



For all luminaire types, first attach the front plate safety wire.

In the ceiling trim there is a keyed hole, marked "Attach Safety Wire"

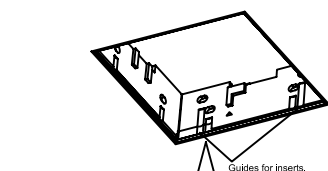
Pass the ferrule end of the wire through the wide hole.

Allow the wire to hang, the ferrule end will not pass through the narrower slot.

### Adjustable version

Instructions applicable for the following luminaires:

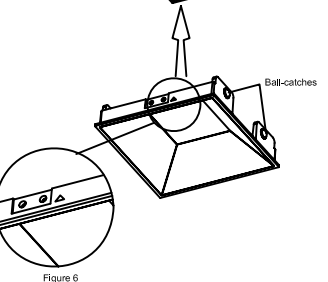
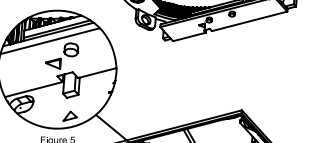
093+xx-TL-SQ - 093+33-xx-TL-SQ - 093+xx-TR-SQ - 093+33-xx-TR-SQ



Wire the adjustable luminaire Insert.

Install any accessories in the media holder and fit the lamp/LED module.

To install the adjustable insert align the solid triangle on the face of the insert with the solid triangle on the installation kit that indicates the keyed alignment and push the insert into the housing so the ball-catches "click" into position.



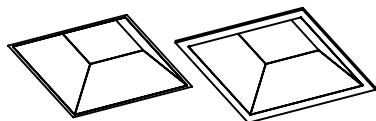
The Insert Is now Installed and ready to be focused (see separate details on focusing the adjustable luminaire).

To install the trim plate (Pyramidal or Flat Plate types) 1st attach the fixture safety wire to the Installation kit.

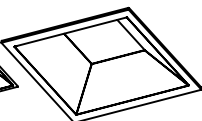
Orientate the trim so the solid triangle on the trim (figure 6) is aligned with the solid triangle on the frame (figure 5).

Push the trim into the installation kit until the ball-catches "click" into position.

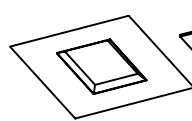
The luminaire is now installed and ready to use.



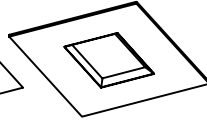
Trimless Pyramidal



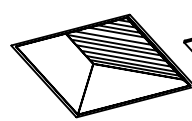
Pyramidal With Trim



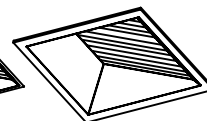
Trimless Flat Plate



Flat Plate With Trim



Trimless Wallwash



Wallwash With Trim

### Wallwash version

Instructions applicable for the following luminaires:

090+xx-TL-SQ-WW - 090+xx-TR-SQ-WW

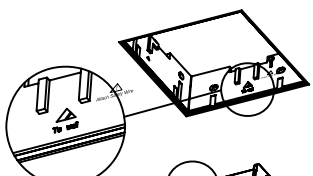


Figure 7

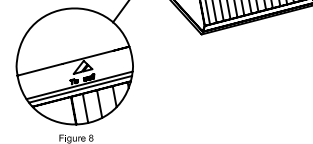


Figure 8

Wire the luminaire Insert.

Install the lamp/LED module.

To install the wallwash insert 1st attach the fixture safety wire to the Installation kit (as previous).

Align the "To Wall" marking on the upstand of the insert (figure 7) with the similar marking on the inside of the ceiling trim (figure 8). Install the Insert, making sure the safety wire passes up through it's hole and the ball-catches locate correctly.

The luminaire now is installed and ready to use.

### Fixed Version

Instructions applicable for the following luminaires:

090+xx-TL-SQ-WW - 090+33-xx-TL-SQ-WW

090+xx-TR-SQ-WW - 090+33-xx-TR-SQ-WW

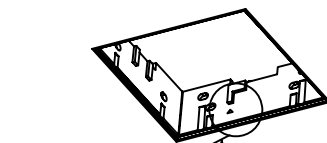


Figure 9

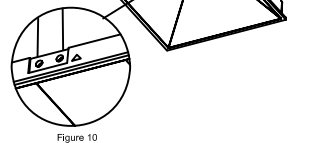


Figure 10

To install the fixed insert (Pyramidal or Flat Plate types) 1st attach the fixture safety wire to the Installation kit.

Orientate the trim so the solid triangle on the trim (figure 10) is aligned with the solid triangle on the frame (figure 9).

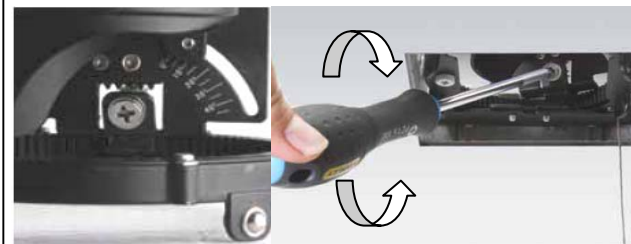
Push the trim into the installation kit until the ball-catches "click" into position.

The luminaire is now installed and ready to use.

## Focusing the adjustable insert.

Lucent ProSpex adjustable downlights are supplied with lockable tilt and rotation feature, allowing hot aiming using a screwdriver which simplifies focusing while the lamp is on.

The fixture remains locked in focus throughout the re-lamping process.

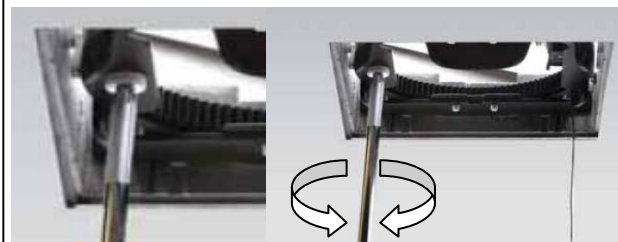


Gear driven rotation to 45°



90°

45°



Gear driven rotation to 350°



0°

350°