

ORBITA

Installation Instructions

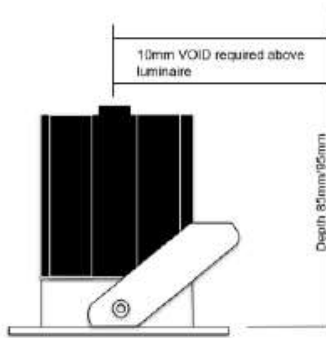
ORBITA

ORBITA PLASTER-IN

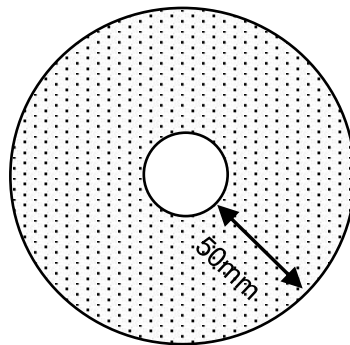
ORBITA TRIMLESS

Insulation

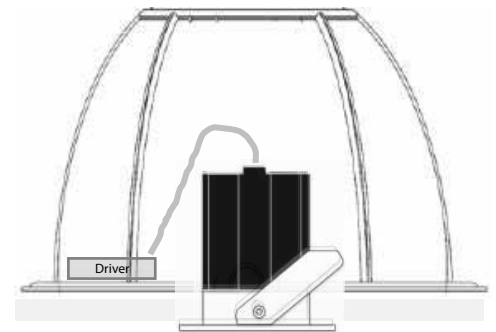
- TRONYX luminaires must not be covered with insulation material.
- Ensure a gap of at least 10mm above the fitted luminaire. (fig1)
- Ensure at least 50mm of free space around the outside of the luminaire. (fig2)
- The driver should NOT be covered by insulation.
- TRONYX products have been tested for use with Thermahood TH140 downlighter covers. (fig3) NB Drivers must be placed away from the luminaire.



(fig1)



(fig2)



(fig3)

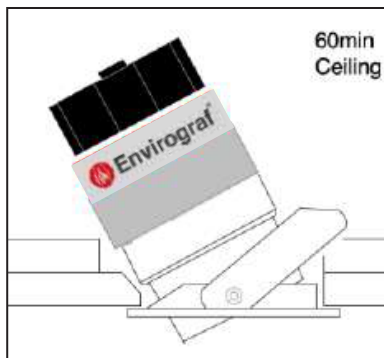
Fire rating



TRONYX have partnered with fire protection experts Envirograf to provide a full fire rating solution for all our downlighter products.

Envirograf IDR Fire Safety Collar

Fitted during assembly, the IDR Fire Collar maintains the fire rating of 60min ceilings. It can also be retrofitted if required. (fig4)



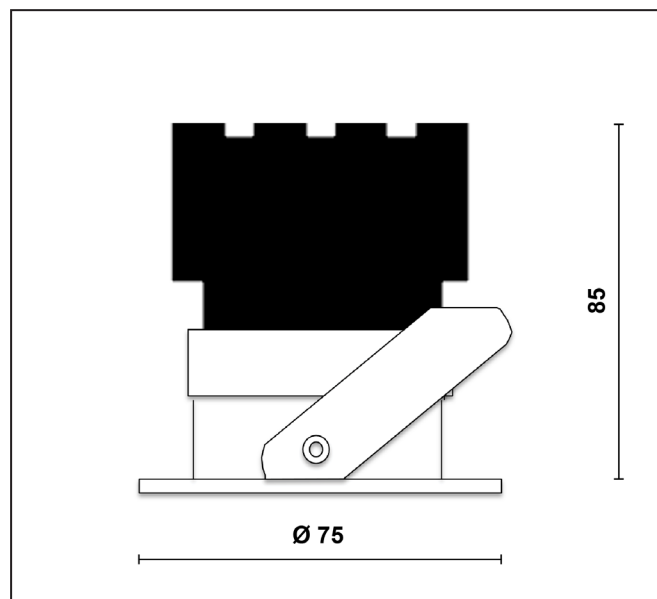
(fig4)



(fig5)
Cubitt / Cubitt Twin
Fire Hood L:130 W:130 H140mm
Bespoke Fire Hood (L:130 W:130H140mm)

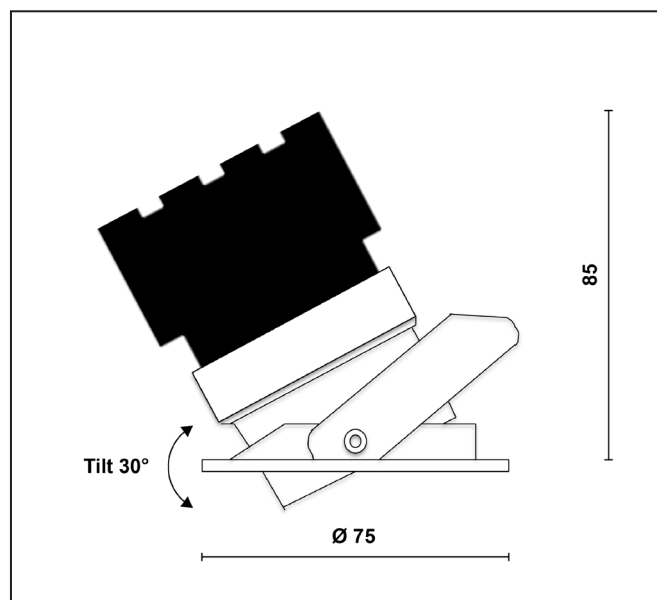
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Cut out $\varnothing 64\text{mm}$



ORBITA ADJUSTABLE

Cut out $\varnothing 64\text{mm}$

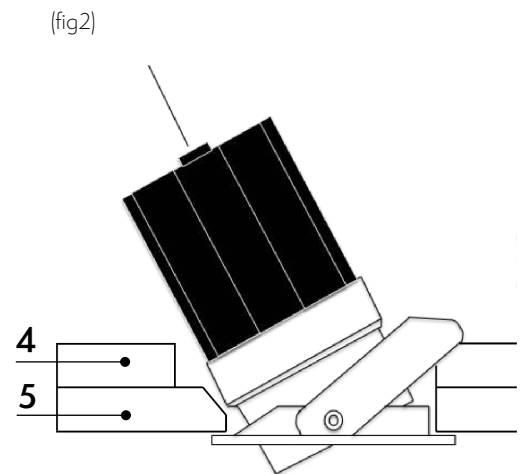
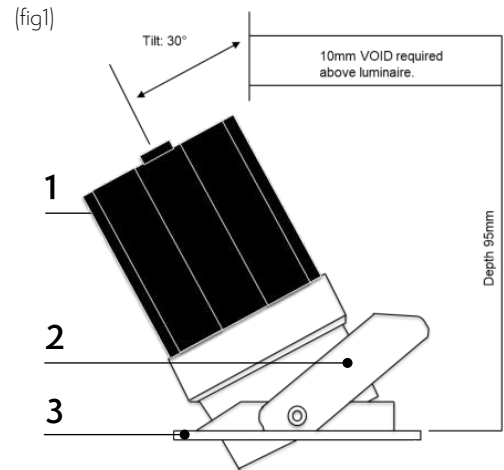


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1. Light Engine
2. Retention Springs
3. Luminaire bezel
4. Plasterboard - Upper Layer
5. Plasterboard - Lower Layer

We recommend Starrett hole saws.
64mm: FCH0212

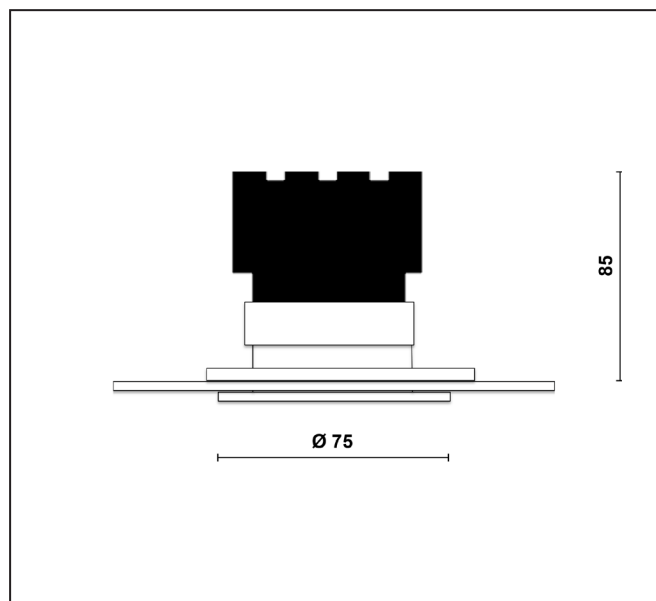
- Ensure your electricity supply is disconnected. **DO NOT CONNECT LEDs TO LIVE DRIVERS OR 240V.**
- Cut your installation hole to the required cut out size. This can be found above and on the product data-sheet.
- Our luminaires are suitable for single and double plasterboard ceilings. If the upper layer of plasterboard prevents the retention springs engaging you will need to cut it back. (4). To achieve full tilt adjustment you may need to cut away the upper layer and chamfer the lower layer of plasterboard (5). (See fig2)
- LED Connection. Light engines may already be connected to the driver. If not please follow wiring diagram on driver.
- Mains 240v Connection. If the luminaire has not been pre-wired, please follow the diagram on the supplied driver.
- Offer connected luminaire into the ceilinghole gripping the retention springs (2). Release the springs. Adjust so that the bezel (3) fits snugly in the hole. The bezel (3) can be rotated anticlockwise to achieve a tighter fit.



NB. PLEASE ENSURE THERE IS SUFFICIENT SPACE AROUND THE LUMINAIRE TO ALLOW HEAT TO RADIATE FROM THE LIGHT ENGINE. Please allow 10mm above the fitting and 50mm around the sides. DO NOT COVER WITH INSULATION.

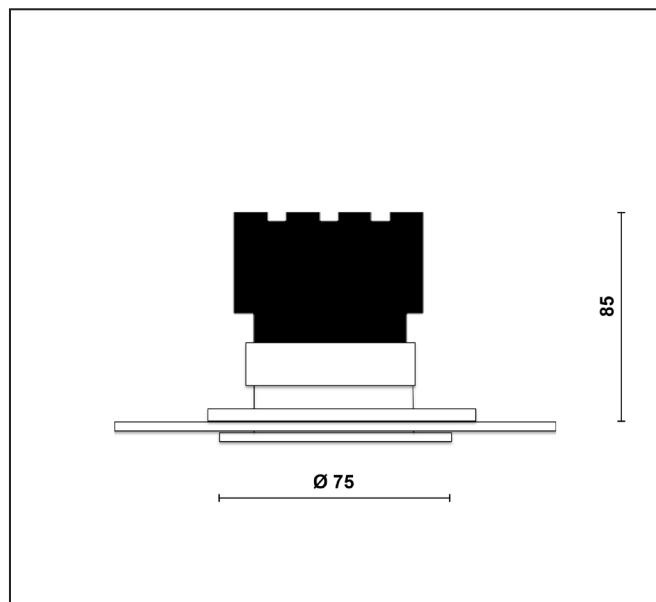
ORBITA PLASTER-IN

Cut out $\varnothing 95\text{mm}$



ORBITA PLASTER-IN ADJUSTABLE

Cut out $\varnothing 95\text{mm}$

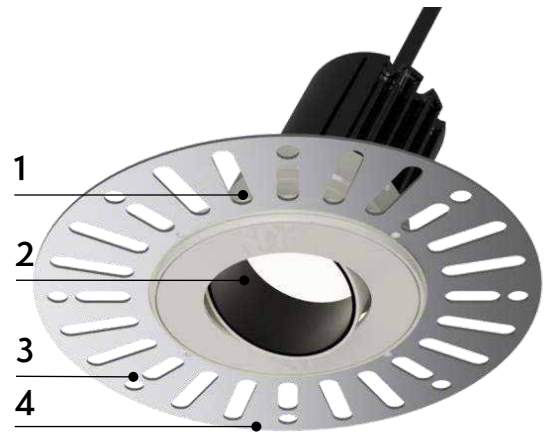


1. Magnetic P-Plate
2. Luminaire Bezel
3. Hole for Plasterboard Screws
4. Plaster Skim Ring

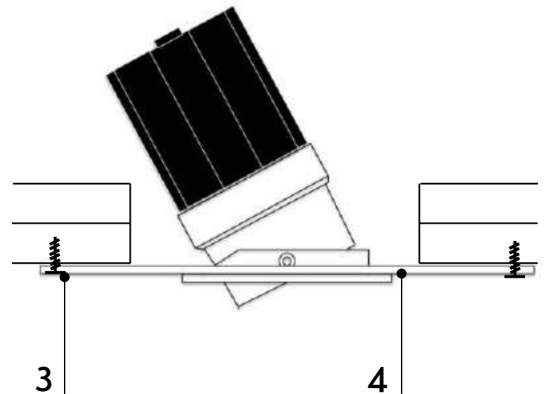
We recommend Starrett hole saws.
95mm: FCH0334

- Ensure your electricity supply is disconnected. **DO NOT CONNECT LEDs TO LIVE DRIVERS OR 240V.**
- Cut your installation hole to the required cut out size. This can be found above and on the product datasheet.
- Fix the magnetic plaster-in plate "P-Plate" (1) to the plasterboard. Use plasterboard screws with wide shallow heads in the screw holes provide (3).
- Plaster to the outside edge of the plaster skim ring (4), clean and decorate.
- LED Connection. Light engines may already be connected to the driver. If not please follow wiring diagram on driver.
- Mains 240v Connection. If the luminaire has not been pre-wired, please follow the diagram on the supplied driver.
- Offer the connected luminaire (2) into the central magnetic retention hole and adjust as necessary.

(fig1)



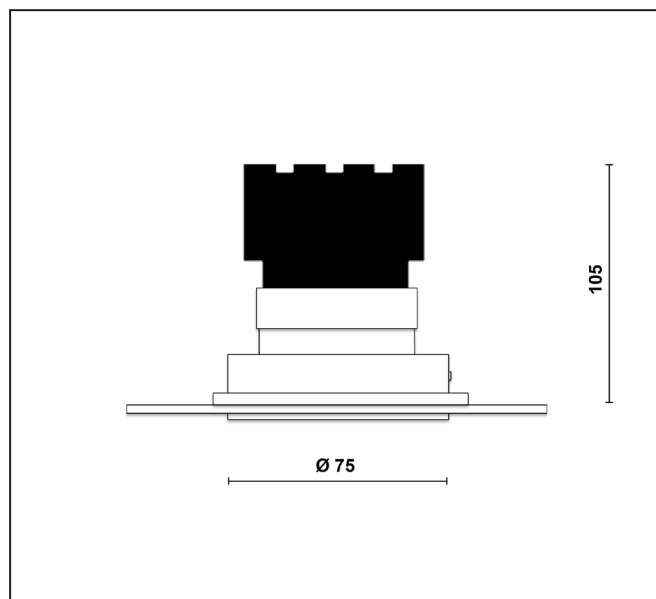
(fig2)



NB. PLEASE ENSURE THERE IS SUFFICIENT SPACE AROUND THE LUMINAIRE TO ALLOW HEAT TO RADIATE FROM THE LIGHT ENGINE. Please allow 10mm above the fitting and 50mm around the sides. DO NOT COVER WITH INSULATION. FULL

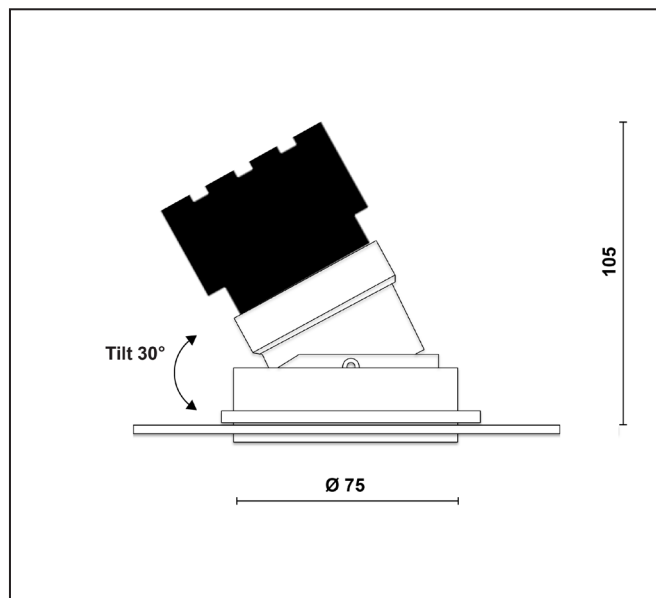
ORBITA TRIMLESS

Cut out $\varnothing 95\text{mm}$



ORBITA TRIMLESS ADJUSTABLE

Cut out $\varnothing 95\text{mm}$



1. Magnetic T-Plate
2. Luminaire Bezel
3. Hole for Plasterboard Screws
4. Plaster Skim Ring

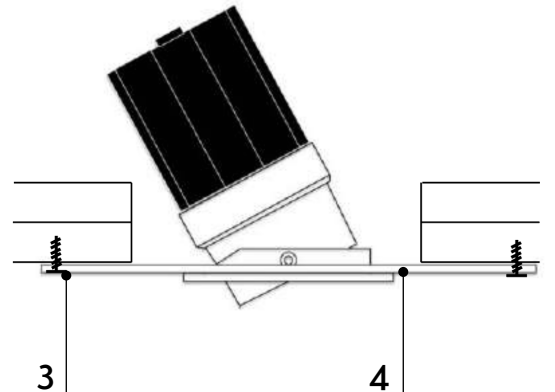
We recommend Starrett hole saws.
95mm: FCH0334

- Ensure your electricity supply is disconnected. **DO NOT CONNECT LEDs TO LIVE DRIVERS OR 240V.**
- Cut your installation hole to the required cut out size. This can be found above and on the product data-sheet.
- Fix the magnetic trimless plaster-in plate "TPlate" (1) to the plasterboard. Use plasterboard screws with wide shallow heads in the screw holes provide (3).
- Plaster to the outside edge of the plaster skim ring (4), clean and decorate.
- LED Connection. Light engines may already be connected to the driver. If not please follow wiring diagram on driver.
- Mains 240v Connection. If the luminaire has not been pre-wired, please follow the diagram on the supplied driver.
- Offer the connected luminaire (2) into the central magnetic retention hole and adjust as necessary.

(fig1)



(fig2)



NB. PLEASE ENSURE THERE IS SUFFICIENT SPACE AROUND THE LUMINAIRE TO ALLOW HEAT TO RADIATE FROM THE LIGHT ENGINE. Please allow 10mm above the fitting and 50mm around the sides. DO NOT COVER WITH INSULATION.

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Lechtal House, Borovere Business Park
Alton
GU34 1FH
United Kingdom

www.brevont.com

enquiries@brevont.com