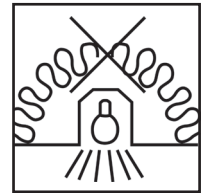
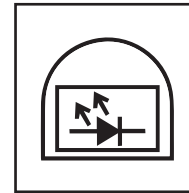
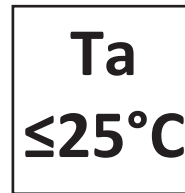
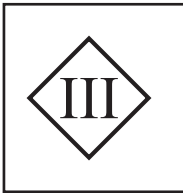
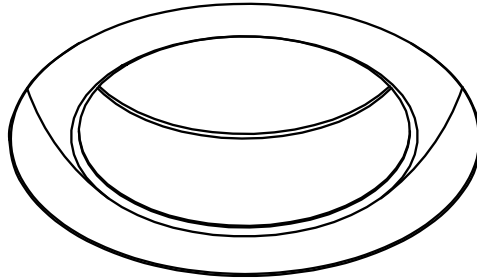


## Oculus50 Installation Instructions



## Oculus50 - OC



## Technical Parameters

LED Module	Drive Current	Typ. forward volt	Mod. Power	Energy Class
LED35/2	350mA max	18VDC	6.3W max	F
LED35/Q-HE	150mA max	33VDC	4.95W max	E-F
LED35/Q-HO	250mA max	34VDC	8.5W max	E-F
LED35/3-SS	500mA max	11.5VDC	5.75W max	G
LED35/3-WD	350mA max	18VDC	6.3W max	F-G
LED35/3-TW	200mA max	38VDC	9.3W max	G

**Note:**

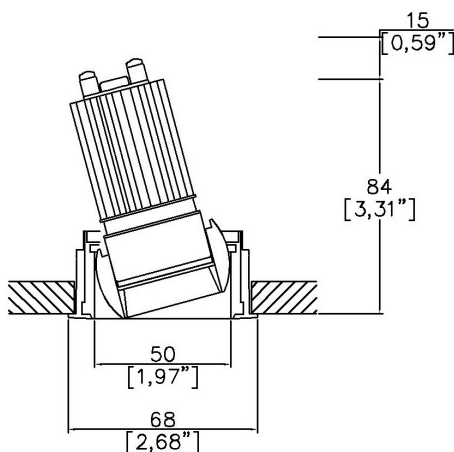
The recommended cable distance between the remote driver and the light source is 2 meters for most driver types. If distances greater than this are required please contact Lucent Lighting for alternative solutions.

**IMPORTANT INFORMATION**

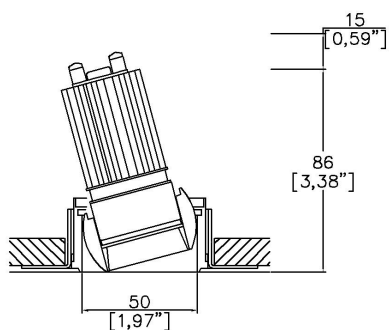
- Please read the following instructions carefully.
- Follow all national and local wiring and safety regulations.
- Connecting or disconnecting these luminaires while powered will damage the LED.
- Do not touch the LED or PCB.
- These products are designed for interior use only and only for downlighting applications.
- Optimal ambient temperature  $\leq 25^{\circ}\text{C}$ , operating range of components  $-20^{\circ}\text{C} - +40^{\circ}\text{C}$ .
- These products should only be installed by a qualified electrician.
- Lucent LED downlights light source is non user replaceable.
- Lucent LED downlights should only be replaced by a qualified person, the manufacturer or a similar qualified person.
- These products require an LED driver - DO NOT CONNECT DIRECTLY TO MAINS POWER!
- The fixing method is designed to hold the weight of the luminaire only.
- The top and bottom of the luminaire provides essential heat dissipation for the light source and must not be covered.
- The manufacturer bears no liability for damage caused by inappropriate use or application.
- Retain these instructions for future reference.

## Product information

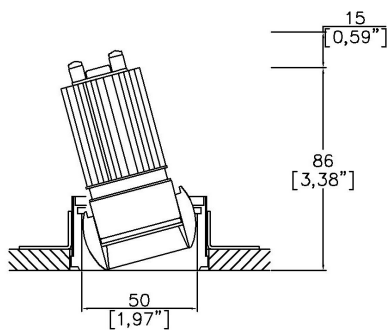
### Oculus50 Trim - TR1 Kit



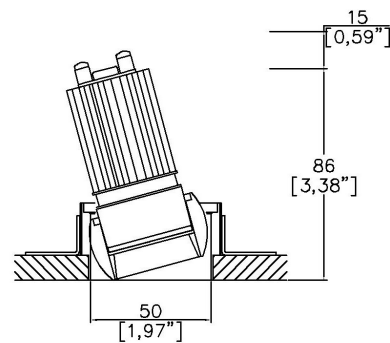
### Oculus50 Trimless



Oculus50 with Trimless  
Kit TL1 (front fitting, full  
skim)



Oculus50 with Trimless  
Kit TL2 (rear fitting,  
partial skim)



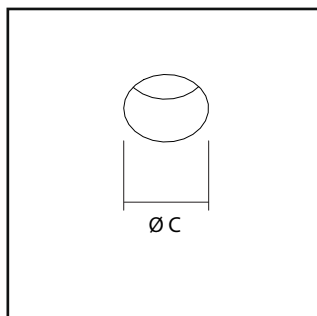
Oculus50 with Trimless  
Kit TL3 (rear fitting, full  
skim)

## Installation Steps

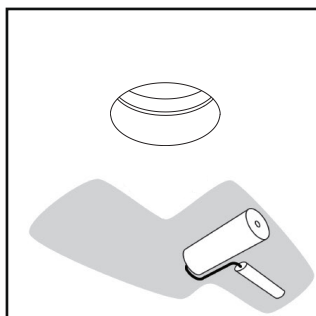


**TURN POWER OFF BEFORE INSPECTION, INSTALLATION OR REMOVAL AND PROPERLY GROUND ELECTRICAL ENCLOSURE!**

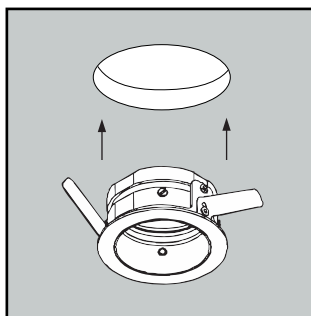
### Oculus50 Trim Installation TR1



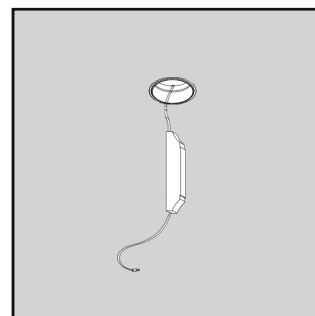
1. Create cutout C=Ø64mm



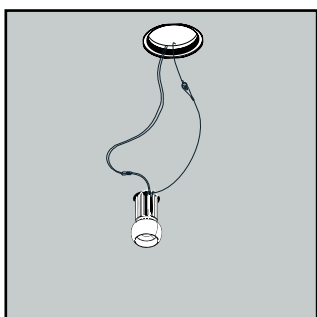
2. Finish ceiling face



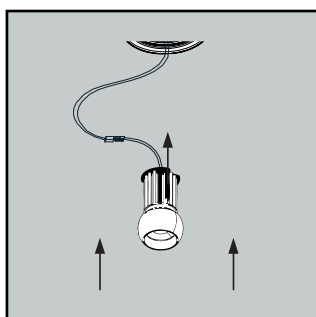
2. Trim kit installation. Fold springs back while inserting the fitting



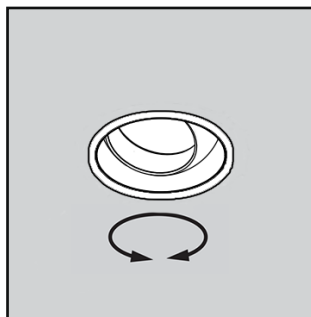
4. LED driver dropdown



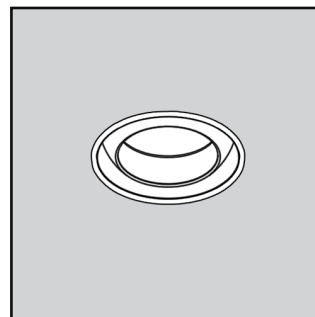
5. LED Driver re-installation and secure safety wire attachment



6. Insert eyeball module and ensure ball-catches are fully engaged



7. Adjust fitting as desired



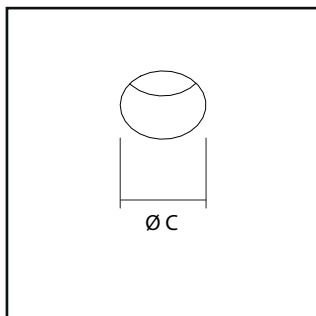
8. Finish Installation

## Installation Steps

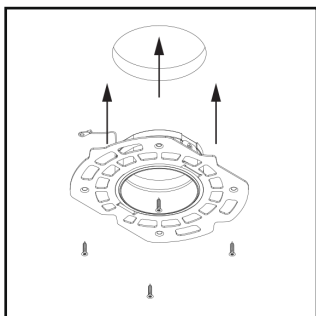


**TURN POWER OFF BEFORE INSPECTION, INSTALLATION OR REMOVAL AND PROPERLY GROUND ELECTRICAL ENCLOSURE!**

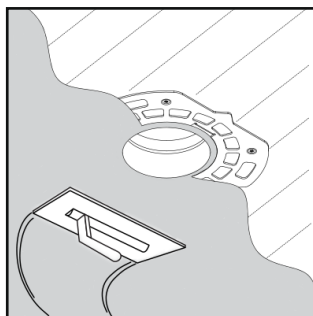
### Oculus50 Trimless installation TL1



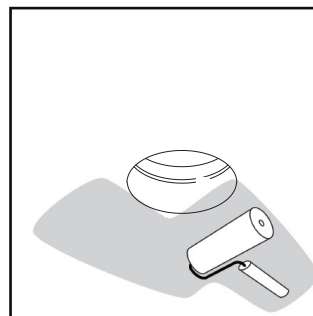
1. Create cutout C=Ø60mm



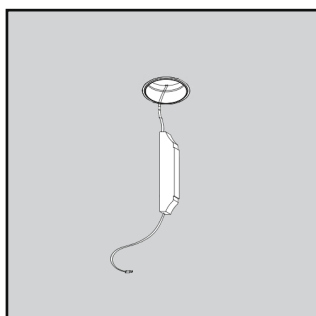
2. Trimless kit installation



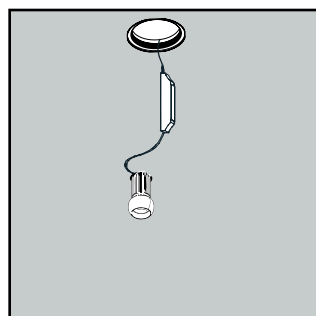
3. Finish ceiling face



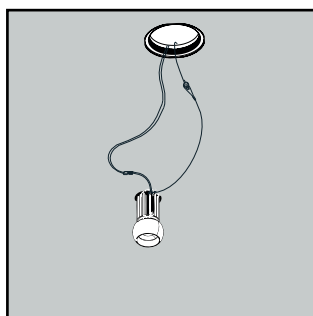
4. Paint and allow to dry fully



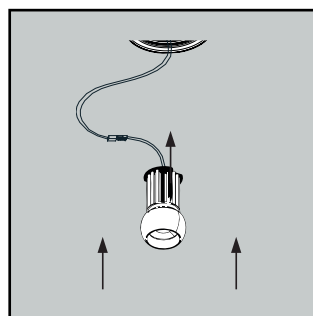
5. LED driver dropdown



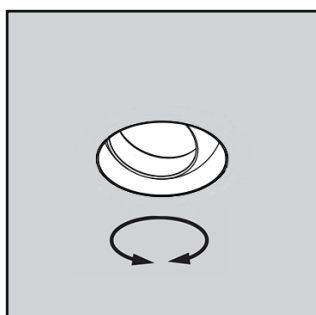
6. Fixture wiring connection



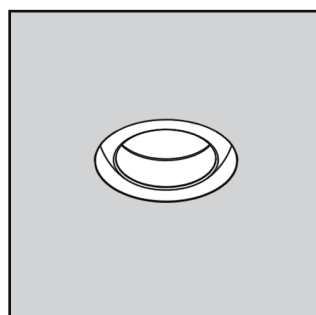
7. LED Driver re-installation and secure safety wire attachment



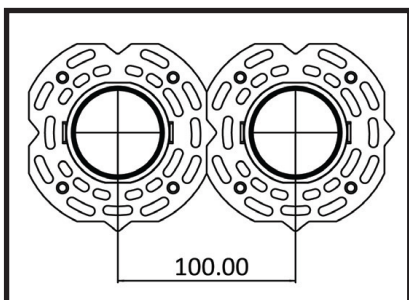
8. Insert eyeball module and ensure ball-catches are fully engaged



9. Adjust fitting as desired



10. Finish Installation



#### NOTES:

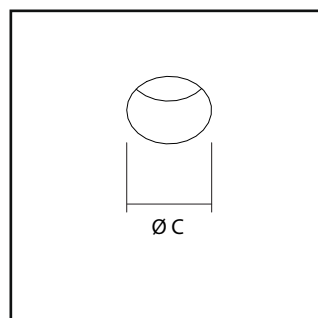
Plaster frame can be used as a guide for spacing downlights. Please note, 100mm is the minimum distance allowed between Oculus50 fittings.

## Installation Steps

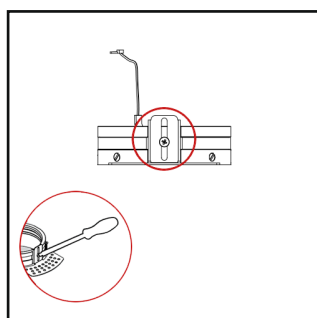


**TURN POWER OFF BEFORE INSPECTION, INSTALLATION OR REMOVAL AND PROPERLY GROUND ELECTRICAL ENCLOSURE!**

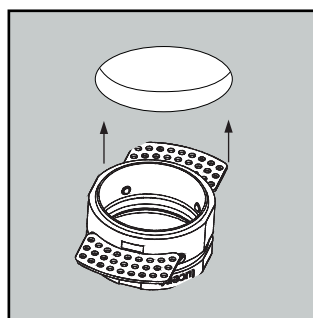
### Oculus50 Partial Skim Installation TL2



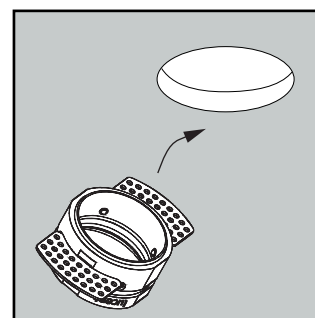
1. Create cutout C=Ø60mm



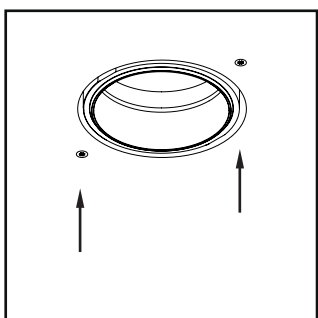
2. Adjust brackets to match ceiling thickness. (see page 08 for dimensions)



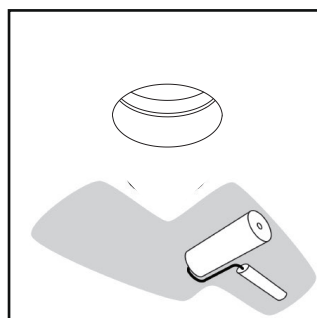
3. Trimless kit installation. Position the bracket on the ceiling and mark the screw holes



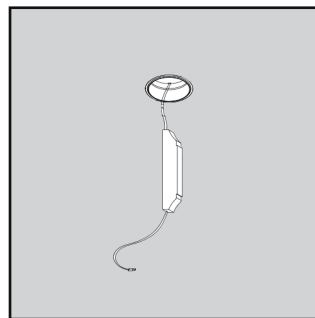
4. Insert fitting into cutout



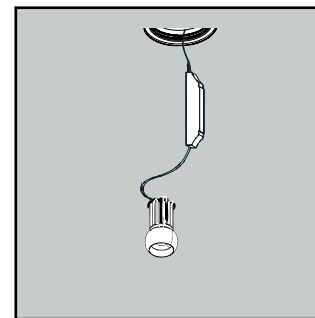
5. Secure fitting through ceiling with screws



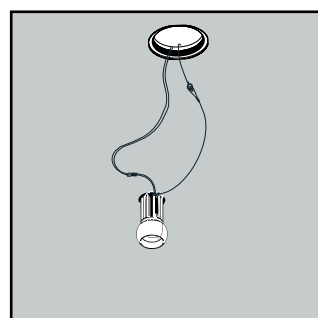
6. Finish ceiling face



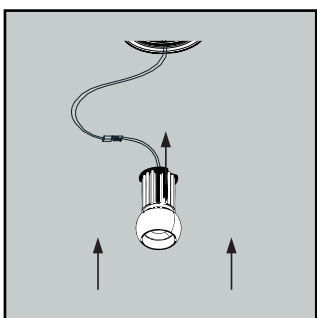
7. LED driver dropdown



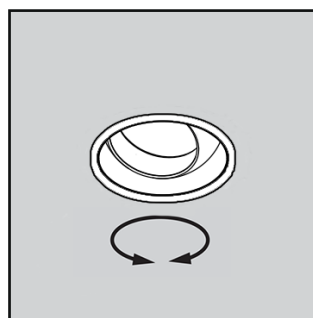
8. Fixture wiring connection



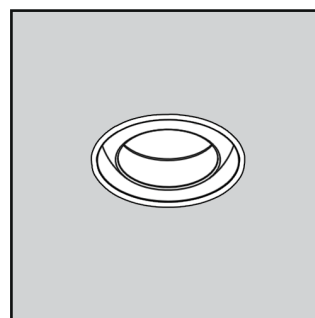
9. LED Driver re-installation and secure safety wire attachment



10. Insert eyeball module and ensure ball-catches are fully engaged

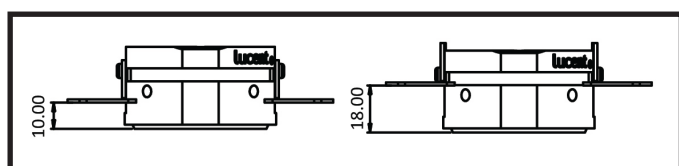


11. Adjust fitting as desired



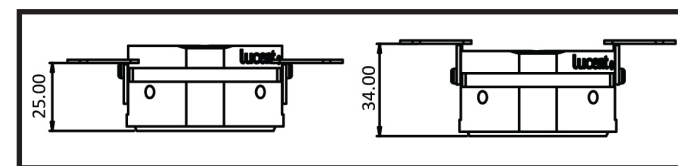
12. Finish Installation

## Bracket Spacing



**Option 1:** Ceiling thickness from 10mm to 18mm

**Note:** Bracket will be supplied in Option 1 position, rotating the bracket for Option 2 position.  
Ceiling thickness includes 2mm of plaster.



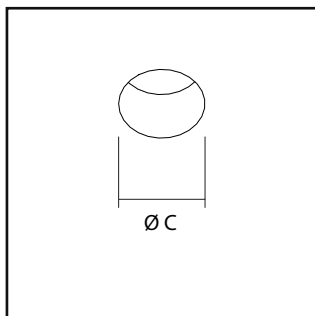
**Option 2:** Ceiling thickness from 25mm to 34mm

## Installation Steps

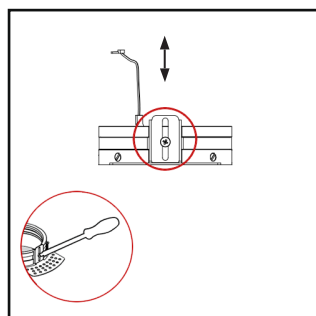


**TURN POWER OFF BEFORE INSPECTION, INSTALLATION OR REMOVAL AND PROPERLY GROUND ELECTRICAL ENCLOSURE!**

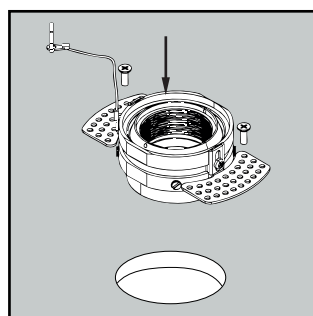
### Oculus50 solid ceiling installation TL3



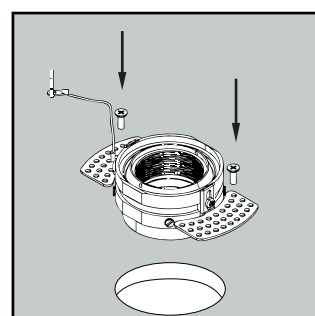
1. Create cutout C=Ø60mm



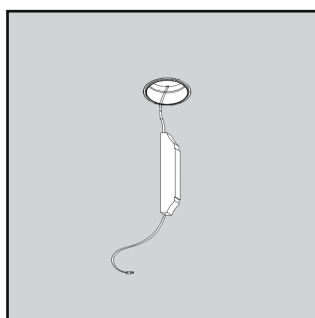
2. Adjust brackets to match ceiling thickness (see page 08 for dimensions)



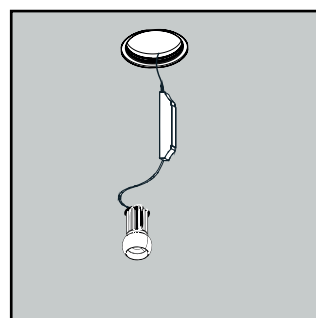
3. Insert fitting into cutout from behind



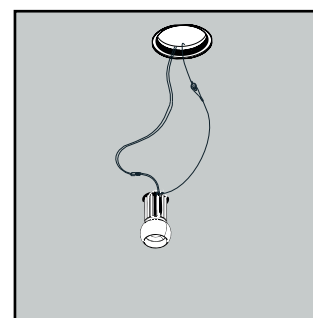
4. Secure fitting to ceiling with screws



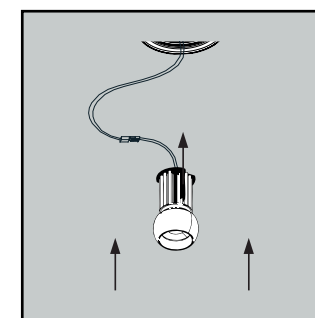
5. LED driver dropdown



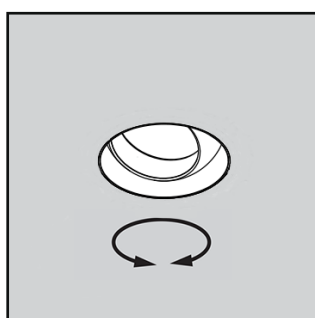
6. Fixture wiring connection



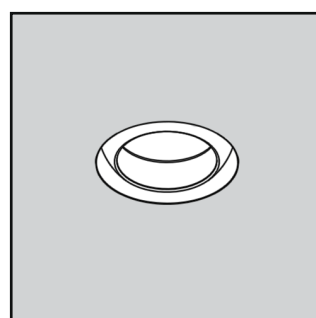
7. LED Driver re-installation and secure safety wire attachment



8. Insert eyeball module and ensure ball-catches are fully engaged

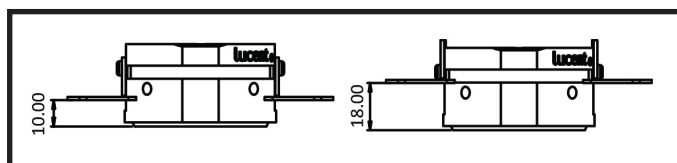


9. Adjust fitting as desired



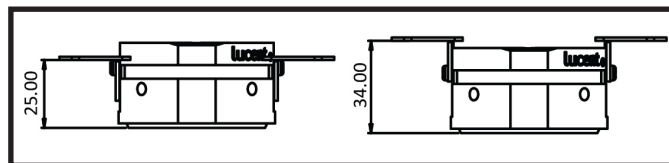
10. Finish Installation

## Bracket Spacing



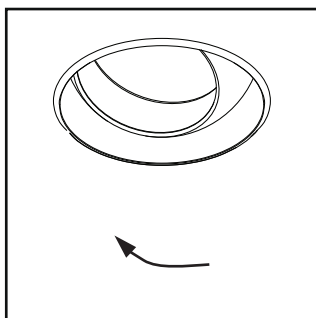
**Option 1:** Ceiling thickness from 10mm to 18mm

**Note:** Bracket will be supplied in Option 1 position, rotating the bracket for Option 2 position. Ceiling thickness includes 2mm of plaster.

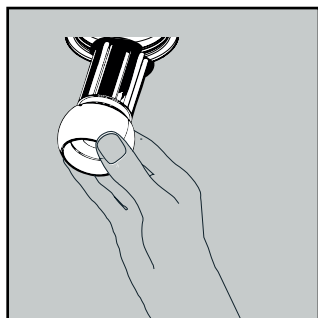


**Option 2:** Ceiling thickness from 25mm to 34mm

## Maintenance

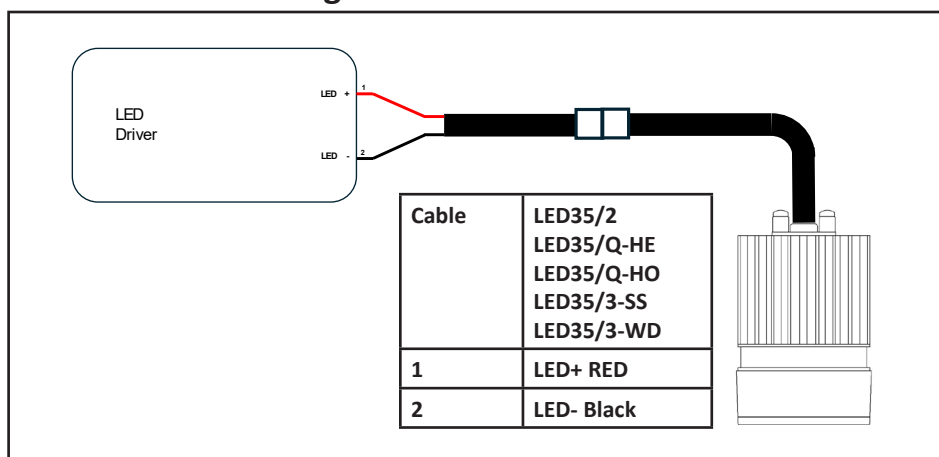


1. Tilt the eyeball

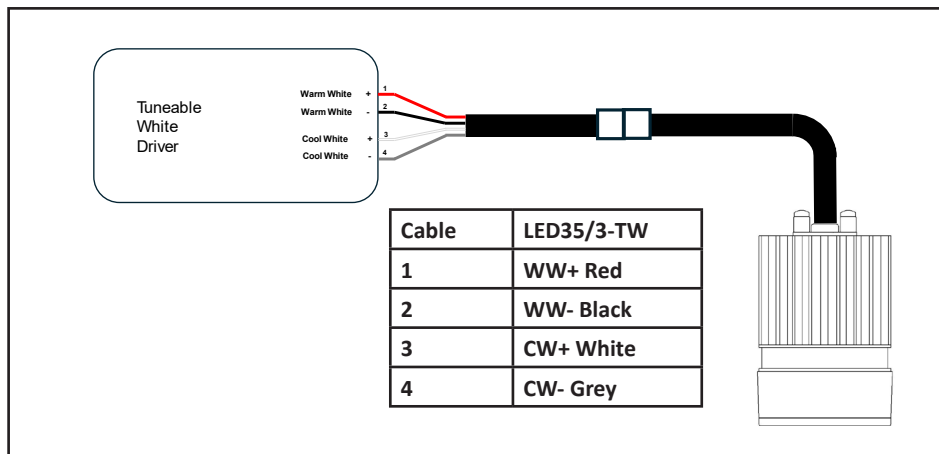


2. Pull down

## Remote Driver Wiring



## Tuneable White Remote Driver Wiring



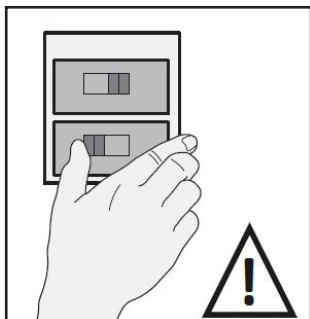
**ALL LED DRIVERS SUPPLIED BY LUCENT WILL BE PRE-WIRED WITH A LEAD THAT HAS THE CORRECT CONNECTOR TO MATCH THE LED MODULE USED. IF CONNECTORS ARE REMOVED, WARRANTY WILL BE VOID. IF THE DRIVER NEEDS TO BE REPLACED, OR CABLES EXTENDED REFER TO FOLLOWING WIRING DIAGRAMS.**



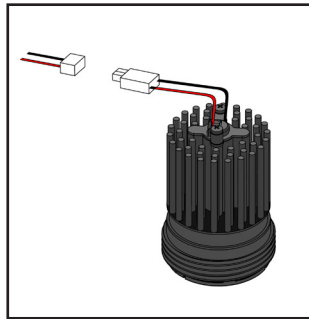
**TURN POWER OFF BEFORE INSPECTION, INSTALLATION OR REMOVAL AND PROPERLY GROUND ELECTRICAL ENCLOSURE!**

## ⚠ Servicing LED modules

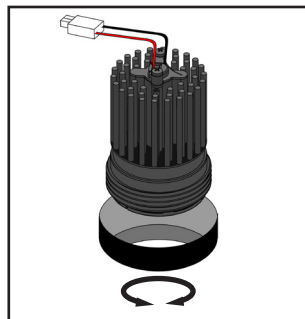
LUCENT LED MODULES ARE **NON-USER** REPLACEABLE. LED MODULES SHOULD ONLY BE REPLACED BY A QUALIFIED PERSON, THE MANUFACTURER OR A SIMILAR QUALIFIED PERSON.



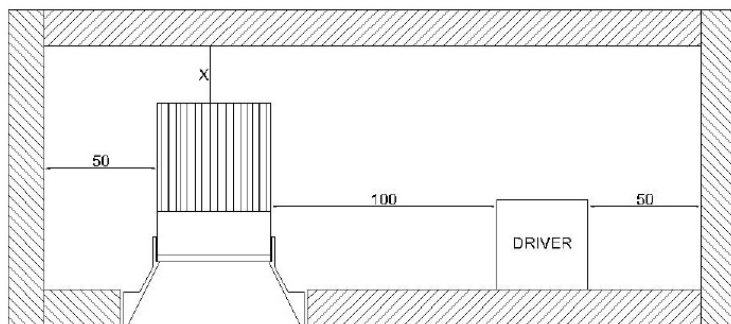
1. Switch off mains power.



2. Disconnect LED module from the driver.



3. Turn the LED module anticlockwise to release it, then remove it.



### NOTES:

Leave the minimum distance detailed above around the luminaire and driver:

For LED35 modules X= min. 15mm

For LED51 modules X= min. 25mm

For LED71 modules X= min. 25mm

\*some driver and fitting combinations may require a bigger recess depth to install driver



**TURN POWER OFF BEFORE INSPECTION, INSTALLATION OR REMOVAL AND PROPERLY GROUND ELECTRICAL ENCLOSURE!**