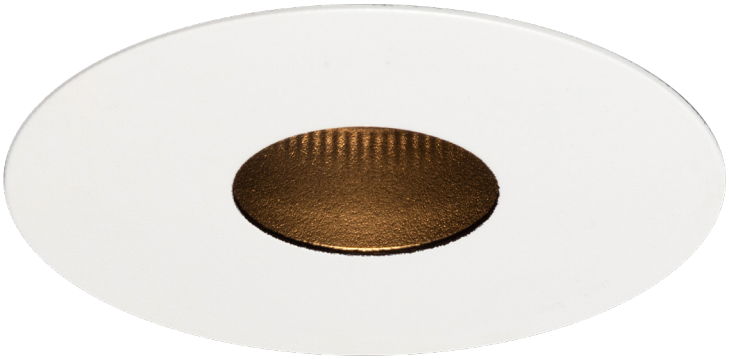
Pinhole90 Round
Installation Instructions

Pinhole90 Fixed/Ac-
cent



CE UKCA III IP20 IP54 IP20 IP65 Ta ≤25°C

Technical Parameters

LED Module	Drive Current	Typ. forward volt	Mod. Power	Energy Class
LED51/3	350mA max	36VDC	12.6W max	E-G
LED51/3-SL	200mA max	36VDC	8.5W max	E-G
LED51/Q-HE (HE-SF)	200mA max	33VDC	8.0W max	B-C
LED51/Q-HO	350mA max	34VDC	14.0W max	C
LED51/3-SS	1000mA max	11.5VDC	11.5W max	G
LED51/3-WD	350mA max	34VDC	11.9W max	E
LED51/3-TW	350maA max	36VDC	12.6W max	F

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

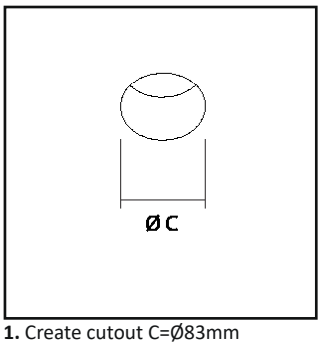
- Please read the following instructions carefully.
- Follow all national and local wiring and safety regulations.
- Connecting or disconnecting these luminaries while powered will damage the LED.
- Do not touch the LED or PCB.
- These products are designed for interior use only and only for downlighting applications.
- Optimal ambient temperature ≤ 25°C, operating range of components -20°C - +40°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.
- For fixture/module recess depths please refer to the specific specification sheets on the website below.

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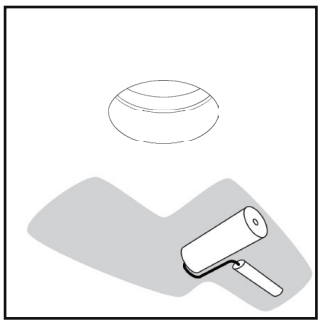
Installation Steps

TURN POWER OFF BEFORE INSPECTION, INSTALLATION OR REMOVAL!

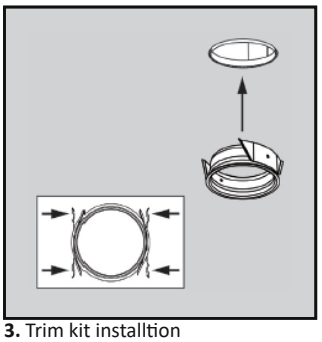
Pinhole90 Trim (PBZ) Installation



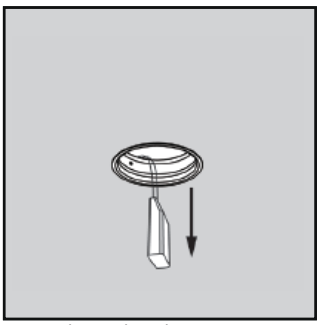
1. Create cutout C=Ø83mm



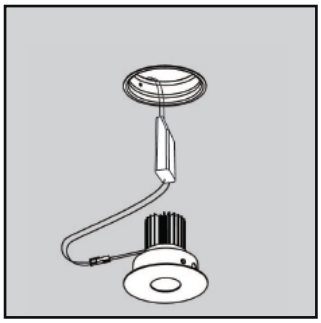
2. Finish ceiling face



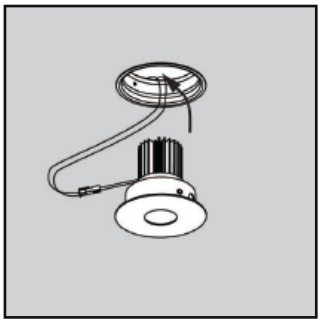
3. Trim kit installtion



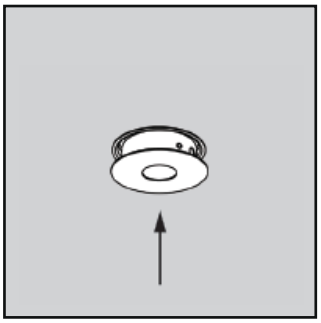
4. LED driver dropdown



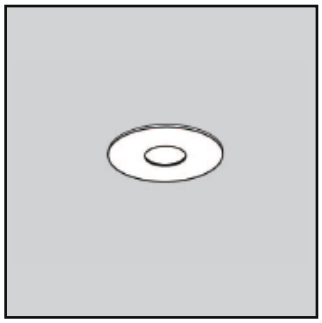
5. Fixture wiring connection



6. Power supply re-installation

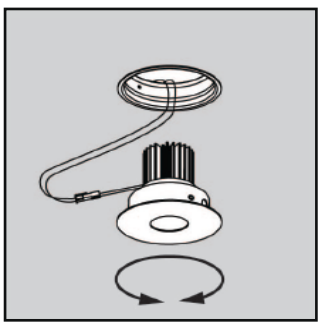


7. Align fixture with trim kit and install then install front plate

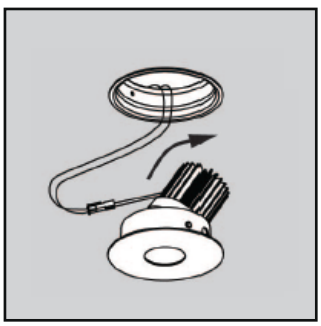


8. Finish Installation

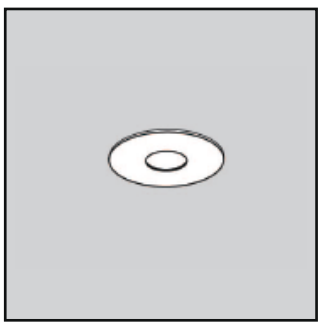
Pinhole90 Adjustment



1. Remove fixture from trim kit andadjust rotation.



2. Adjust tilt.



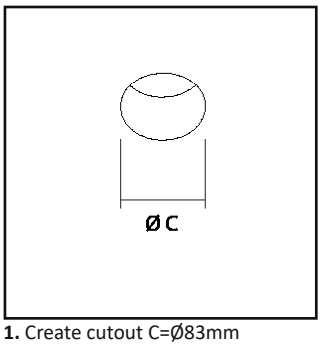
3. Replace fixture in trim kit

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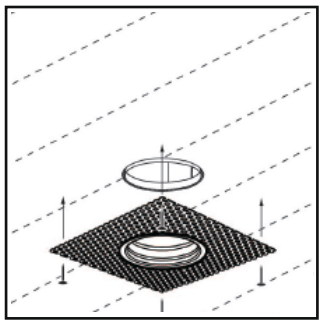
Installation Steps

TURN POWER OFF BEFORE INSPECTION, INSTALLATION OR REMOVAL!

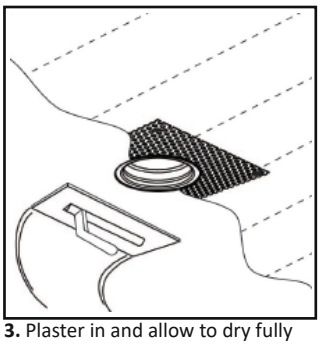
Pinhole90 Trimless (PCZ) Installation



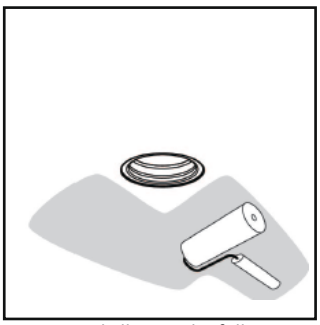
1. Create cutout C=Ø83mm



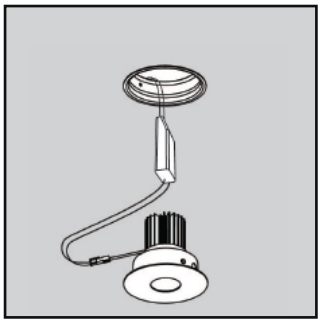
2. Trimless kit installtion



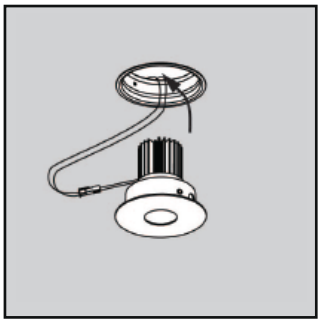
3. Plaster in and allow to dry fully



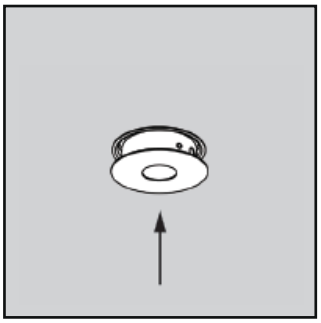
4. Paint and allow to dry fully



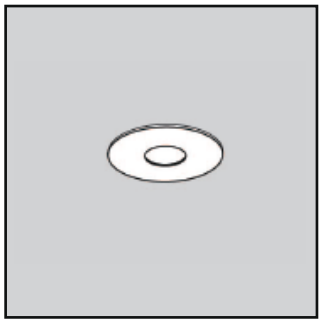
5. Fixture wiring connection



6. Power supply re-installation

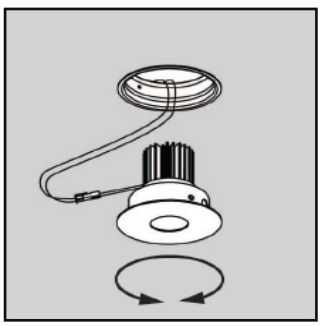


7. Align fixture with trim kit and install then install front plate

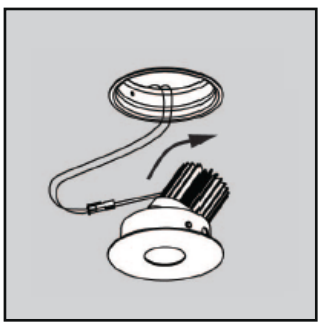


8. Finish Installation

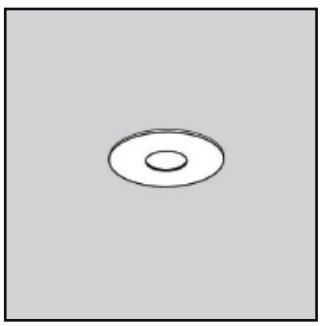
Pinhole90 Adjustment



1. Remove fixture from trim kit andadjust rotation.



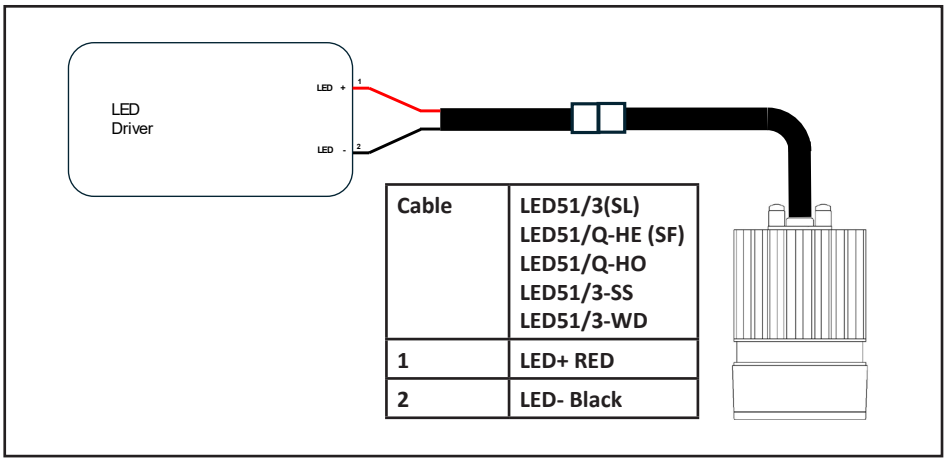
2. Adjust tilt.



3. Replace fixture in trim kit

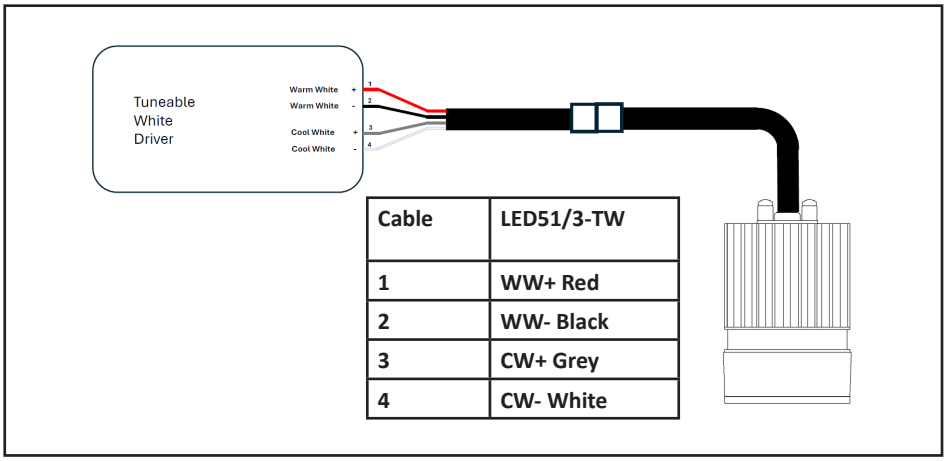
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Remote Driver Wiring



Cable	LED51/3(SL) LED51/Q-HE (SF) LED51/Q-HO LED51/3-SS LED51/3-WD
1	LED+ RED
2	LED- Black

Tuneable White Remote Driver Wiring



Cable	LED51/3-TW
1	WW+ Red
2	WW- Black
3	CW+ Grey
4	CW- White

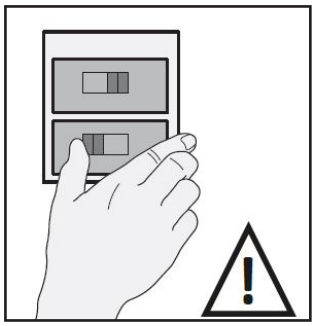
ALL LED DRIVERS SUPPLIED BY LUCENT WILL BE PRE-WIRED WITH A LEAD THAT HAS THE CORRECT CONNECTOR TO MATCH THE LED MODULE USED. IF CONNECTORS ARE REMOVED, WARRANTY WILL BE VOID. IF THE DRIVER NEEDS TO BE REPLACED, OR CABLES EXTENDED REFER TO FOLLOWING WIRING DIAGRAMS.

TURN POWER OFF BEFORE INSPECTION, INSTALLATION OR REMOVAL!

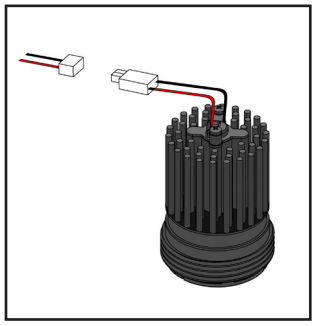
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⚠ Servicing LED modules

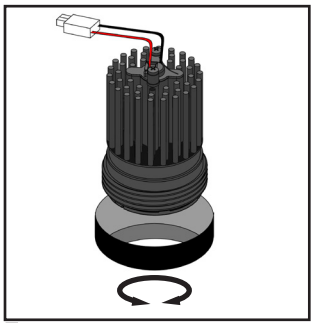
LUCENT LED MODULES ARE **NON-USER** REPLACEABLE. LED MODULES SHOULD ONLY BE REPLACED BY A QUALIFIED PERSON, THE MANUFACTURER OR A SIMILAR QUALIFIED PERSON.



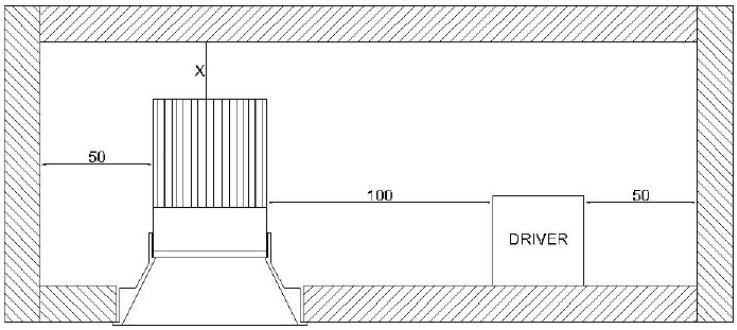
1. Switch off mains power.



2. Disconnect LED module from the driver.



3. Turn the LED module anticlock-wise 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 LED51-SF/SL modules X= min. 15mm
For LED71 modules X= min. 25mm

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

*For fixture/module recess depths please refer to the specific specification sheets on the website below.

⚠ **TURN POWER OFF BEFORE INSPECTION, INSTALLATION OR REMOVAL!**

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