

Light Engines (Trimmed & Trimless)		Driver	Trimless Adapter	Trims
DESA	LE Square Adjustable	DD50	Downlight Driver Kit	DMS50 Downlight Trimless Adapter Square
DERA	LE Round Adjustable			DMS50 Downlight Trimless Adapter Round
DESF	LE Square Fixed			DTSF Square Fixed
DERF	LE Round Fixed			DTRA Round Adjustable
DESW	LE Square Wall Wash			DTRF Round Fixed
DERW	LE Round Wall Wash			DTRW Round Wall Wash

Read and understand these instructions before installing luminaire (fixture)

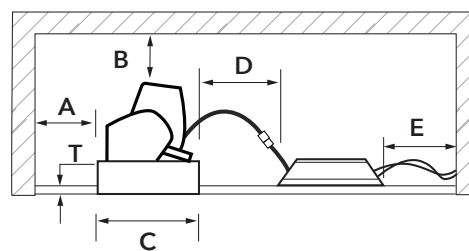
1. Ensure that power is off on the main panel before starting installation or performing any maintenance.
2. Do not install this lighting system in a wet location.
3. Do not install any fixture closer than 15cm from any curtain or combustible material.
4. Make sure that all screws are properly tightened.

Wiring Instructions

Wire in: Wire to supply leads. Wire neutral lead supply lead to white wire, hot supply lead to black wire, and bare copper and/or green wire must be connected to supply ground.

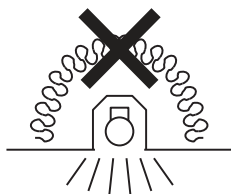
For luminaires with 0-10V dimming, or digital dimming: wire purple & gray leads to appropriate control wires.

SUITABLE FOR WET LOCATIONS WITH WET LOCATION TRIM. COVERED CEILING MOUNT ONLY.



Minimum Space Requirements

A	≥ 60mm
B	≥ 20mm
C	≥ 20mm
D	≥ 20mm
E	≥ 20mm
T	5-32mm



WARNING: LUMINAIRES NOT SUITABLE FOR COVERING WITH THERMAL INSULATING MATERIAL

YOU WILL NEED:

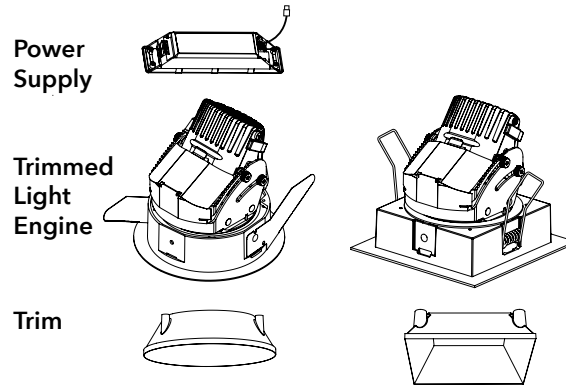


Figure A1

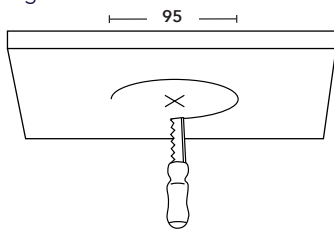


Figure B1

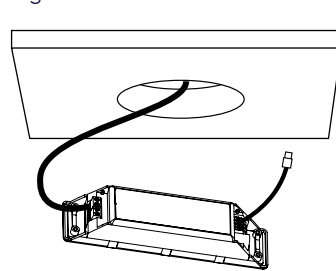


Figure C1

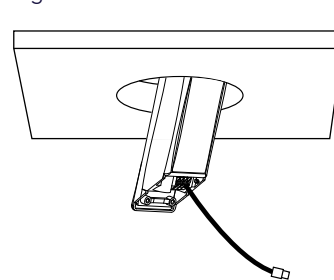


Figure D1

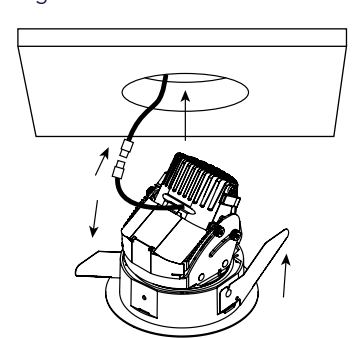


Figure A2

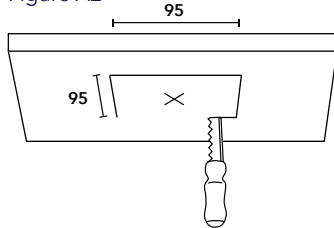


Figure B2

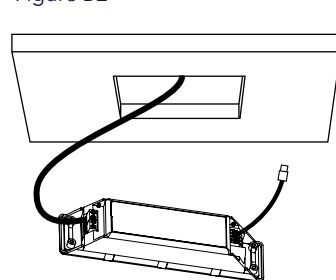


Figure C2

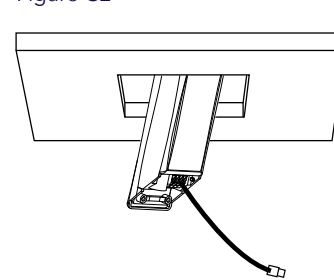
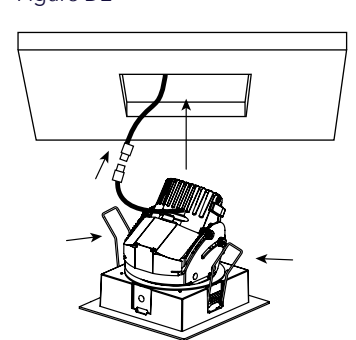


Figure D2



Step 1
Cut ceiling opening to recommended dimension (95mm) (Figs. A1 & A2). Ensure that there is nothing in the ceiling to obstruct the installation.

Step 2
Connect power supply to power lead. (Figs. B1 & B2).

Step 3
Pass the power supply through the ceiling opening and secure in plenum (Figs. C1 & C2).

Step 4
Connect light engine to power supply, compress retainer clips, and insert light engine in ceiling opening (Figs. D1 & D2).

Step 5
Install trim in luminaire (Figs. E1 & E2).

Figure E1

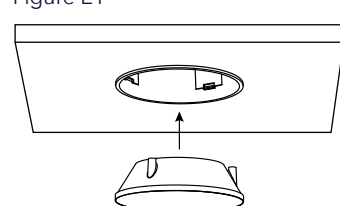
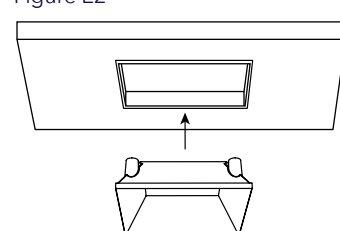


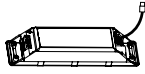
Figure E2



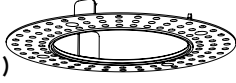
90mm Recessed Downlights 220-240VAC Round Trimless Light Engine Installation

YOU WILL NEED:

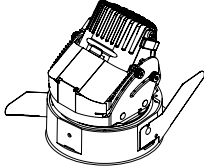
Power Supply



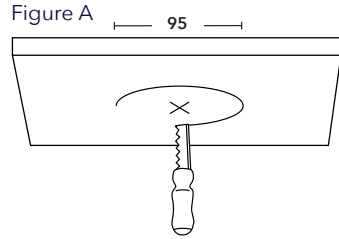
Trimless Adapter (Mudring)



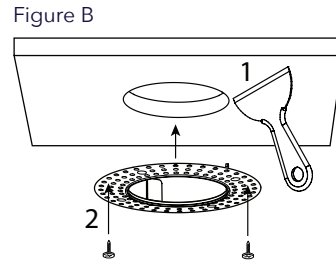
Trimless Light Engine



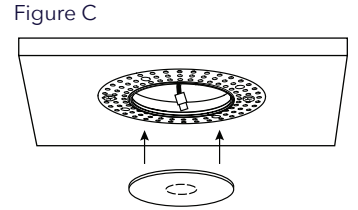
Trim



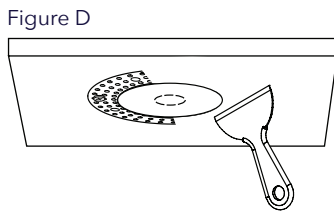
Step 1
Cut ceiling opening to recommended dimension (95mm) (Fig. A). Ensure that there is nothing in the ceiling to obstruct the installation.



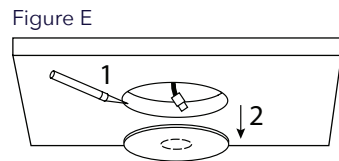
Step 2
Insert trimless adapter in ceiling opening. For maximum adhesion a bead of plaster/compound can be applied to ceiling before placing the trimless adapter into position. Fasten to ceiling with screws (Fig B).



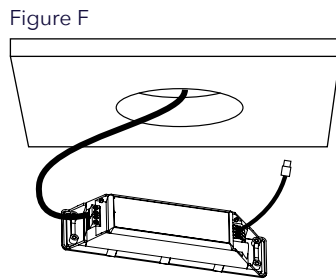
Step 3
Pull power lead through ceiling opening. Place plastic plaster shield in trimless adapter until surface is flush (Fig C).



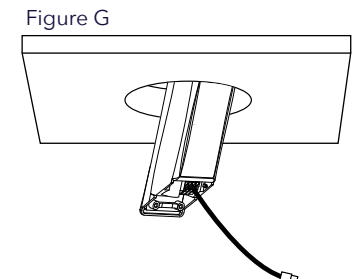
Step 4
Starting outside edge, apply plaster/compound to trimless adapter. (Fig D). Continue to apply until lip of trimless trim adapter is covered. Allow plaster/compound to dry. Feather, sand and fill as necessary to achieve required finish. Make sure to sand until trimless adapter lip is exposed. Paint as required and allow to dry.



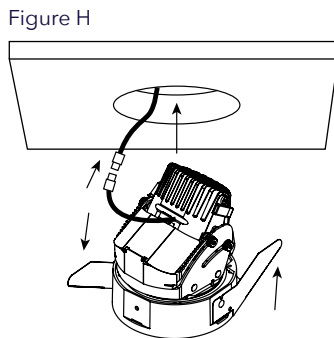
Step 5
Remove plastic plaster shield. If the plaster/shield is covered with plaster/compound use a sharp blade to cut around inside circumference of trimless adapter lip before removing (Fig. E).



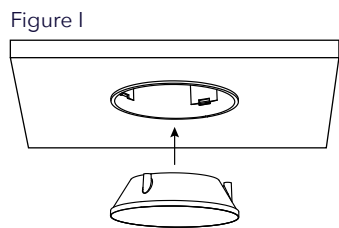
Step 6
Connect power supply to power lead. (Fig. F).



Step 7
Pass the power supply through the ceiling opening and secure in plenum (Fig. G).



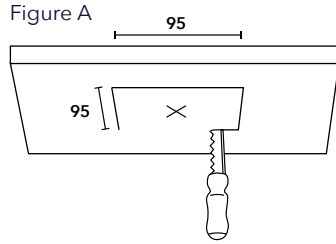
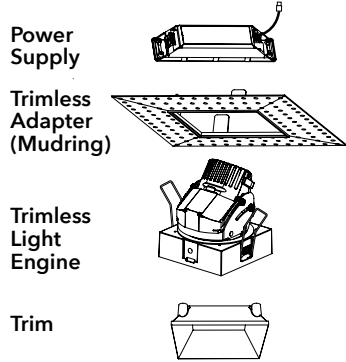
Step 8
Connect light engine to power supply, compress retainer clips, and insert light engine in trimless adapter (Fig.H) To protect ceiling surface, install light engine while holding onto the adapter and keeping the light engine level to the ceiling until it contacts adapter. Fine adjustment may be needed to fully set trim into adapter lip.



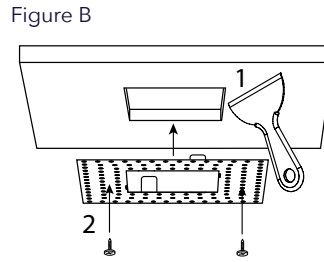
Step 9
Install trim (Fig. I).

90mm Recessed Downlights 220-240VAC Square Trimless Light Engine Installation

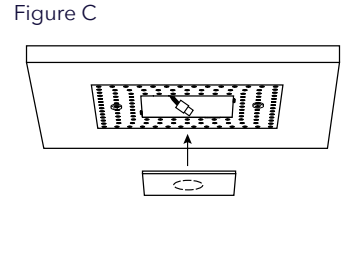
YOU WILL NEED:



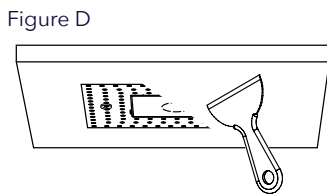
Step 1
Cut ceiling opening to recommended dimension (95mm) (Fig. A). Ensure that there is nothing in the ceiling to obstruct the installation.



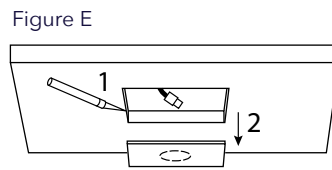
Step 2
Insert trimless adapter in ceiling opening. For maximum adhesion a bead of plaster/compound can be applied to ceiling before placing the trimless adapter into position. Fasten to ceiling with screws (Fig B).



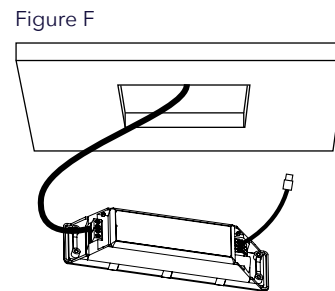
Step 3
Pull power lead through ceiling opening. Place plastic plaster shield in trimless adapter until surface is flush (Fig C).



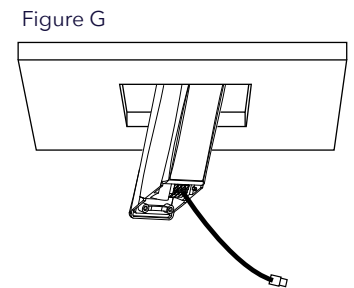
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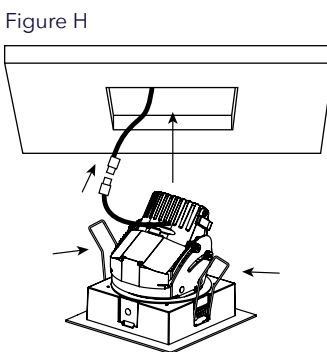
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Remove plastic plaster shield. If the plaster shield is covered with plaster/compound use a sharp blade to cut around inside circumference of trimless adapter lip before removing (Fig. E).



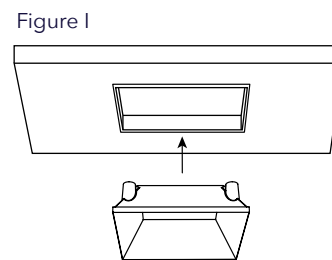
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Step 9
Install trim (Fig. I).