

SPECIFICATION

Finish	RAL 9010
Materials	Rigid 0.7 mm mild steel
Lamps	650lms or 1100lms LED Boards
Control	Electronic fixed output control gear or Dali control gear. 3 hour maintained integral inv - EMIN option 3 hour maintained integral inv + integral test unit - ET option 3 hour maintained integral inv + integral test unit - COM EPS option
Ingress Protection	Fittings are IP65 with frame in position, IP54 with front frame removed.

Whitecroft
lighting

Lighting for Life

DTFA/N LED RETRO FIT GEARTRAY



Installation Instructions



PK/LEAFLETDLAN/ARFGT

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Registered No. 3848973 England

Registered Office: As above

GENERAL INFORMATION

1. A qualified electrician, in accordance with IEE wiring regulations should carry out connection to mains wiring.
2. This luminaire must be EARTHED.
3. Ensure that the rated luminaire voltage and frequency requirements are compatible with the available mains supply.
4. If the luminaire incorporates high frequency electronic control gear, do not carry out high voltage insulation test, i.e. 500/1000v this may damage internal components.
5. Cleaning of the diffuser should be carried out using a lint free cloth and soapy water.
6. This luminaire is not suitable for mounting on normally flammable surface.

PRODUCT DATA

Retrofit geartray to upgrade existing DTFA + DTFN T5 fluorescent luminaires to LED.
Not suitable for louvre or back access versions of the products.
This geartray is designed to retrofit without removing the luminaire from the ceiling.

WEIGHTS – Including luminaire body and frame.
(For luminaire and void dimensions see reverse)

	WEIGHTS (incl. Emergency gear)	
LAMPWAYS	DIFFUSER	4 mm GLASS
14,24K	13 kg	17 kg
34,44K	14 kg	18 kg
54,64,74K	20 kg	28 kg

INSTALLATION DETAILS

GEAR TRAY REPLACEMENT INSTALLATION

1. Remove the front inner frame of the fitting to expose the fluorescent gear tray. Support the inner frame by hand whilst removing the screw cap covers and securing screws then allow the inner frame to hang down on its securing straps. Keep screw caps in a safe place.
2. Remove the fluorescent gear tray and let it hang on its retention straps. Remove the gear tray by loosening its retention bolts then slide the gear tray along the keyhole slots until it can clear the retention nuts / screw heads. Retain existing screws.
3. Disconnect the mains and unhook it from the retention straps.
4. Connect the retention straps of the LED gear tray to the body.
5. Connect the mains and fix the gear tray and earth leads back in place with the screws from the old gear tray.
6. Get hold of the front panel and lever off the 4 diff retention rails that are held on with the numerous black clips.



7. Locate the rolled up diff and place shiny side up on top of the prismatic panel and use the 4 rails to clamp down to secure the diffusers in place (new black clips are supplied – see above).
8. Fit the inner frame to its retention straps, fit the Earth lead, then fit it in the outer frame and secure it with the securing screws and cap covers.

