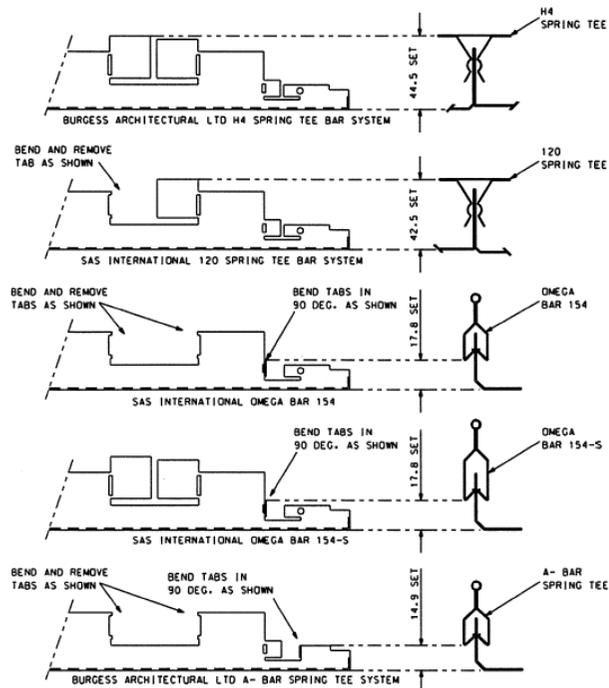


SPECIFICATION

Finish	Body - RAL 9010	Frame - RAL 9016
Materials	Body - Rigid 0.7 mm mild steel	Frame - Aluminium
	Diffuser - Rigid 3.0 mm flat sheet prismatic acrylic or fireguard, TP(a) rated material	
	Glass - Toughened 4mm (or clear fireguard material option)	
LED engine	650lms or 1100lms LED boards	
Control	Electronic control gear or Dali control gear.	
	3 hr maintained - EMIN option 3 hr maintained + self test - ET option 3 hr maintained + DALI central test - COMEPS option	
Ingress Protection	IP65 with frame in position, IP54 with front frame removed	

RECESSING PANEL TABS



Whitecroft
lighting

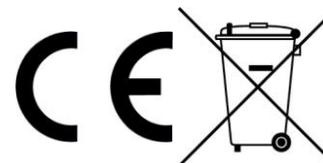
DTFA LED *Elite*



MODULAR GRID RECESSED CLEAN AREA LED LUMINAIRE Installation Instructions

PK/LEAFLET/DLA/LED

April 2013 - Rev B



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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

DTFA is a high quality IP65/54 recessed luminaire for Clean Rooms with modular grid ceilings classified up to ACDP class 1&2.

Compatible with exposed T and spring T ceilings. Recessing panels are recommended on spring T ceilings to retain room integrity

The extruded aluminium outer frame has a gasket to the ceiling, the removable inner frame has concealed (capped) or visible fixings to the body.

The diffuser is securely clamped but is easily removable from the inner frame.

The side arm cam profile clamping brackets can be adjusted from the adjacent tile

		WEIGHTS (incl. Emergency gear)	
LAMPWAYS	FRONT ACCESS	DIFFUSER	4 mm GLASS
14,24K	598 X 598 mm	13 kg	17 kg
34,44K	298 X 1198 mm	14 kg	18 kg
54,64,74K	598 X 1198 mm	20 kg	28 kg

INSTALLATION DETAILS

INSTALLATION

The DTFA can be installed in Exposed T or spring T modular ceilings where the T height is between 30 and 56 mm. The fitting is held on the modular grid ceiling by action of the cam profile side arms. These provide a clamping movement distance of 10 mm. The cam profiles are held on an adjustable bracket which has a range of adjustment of 25 mm. The hexagonal cam plate offers additional security.

Check that the T height is in the range above and, if necessary, adjust the cam support brackets so that the central nut is about 26 mm above the T height

For example if the T grid is 38 mm high set the cam support bracket central nut to be $38 + 26 = 64$ mm from the extrusion upper face (the face next to the ceiling)
This gives a clamping distance of 6 mm.

Put the DTFA into the ceiling and support it from below. Fit the cams to the cam support brackets from adjacent grid sections, ensuring that the nylon washer is next to the support bracket. If required fit the hexagonal cam plate so it overlaps the T. Tighten the cam screws then jack the DTFA to the ceiling grid.

Remove inner frame and the gear tray as detailed below. Run the power feed cable(s) through the sealing gland and connect to the power terminal on the gear tray and refit the gear tray. Check that the sealing gland is tight. Refit the inner frame and cap covers.

When using a recessing panel ensure that the panel sits fully home in the spring T by using the correct break-off / bend out tabs. See reverse for details

GEAR TRAY REPLACEMENT

Proceed as above to expose the gear tray which is fastened to the body by retention bolts and nuts.

Remove the gear tray by loosening its retention nuts then slide the gear tray along the keyhole slots until it can clear the retention nuts.

SUPPORT THE GEAR TRAY WHEN PULLING CLEAR.

Remove the wires from the terminal block and remove the gear tray.

When refitting, ensure the cable gland is tight and the Gear tray retention nuts are tight.

