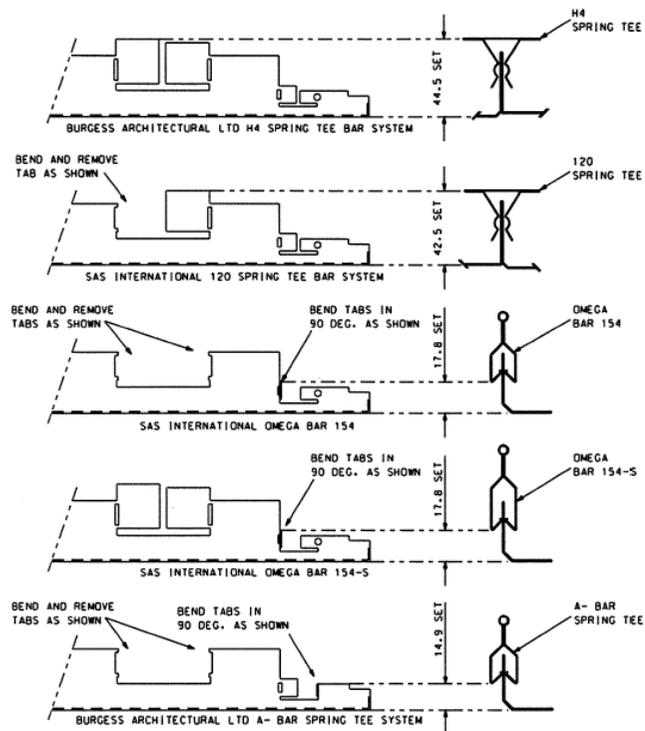


SPECIFICATION

Finish	Body - RAL 9010	Frame - RAL 9016
Materials	Body - Rigid 0.7 mm mild steel Diffuser - Rigid 3.0 mm flat sheet prismatic acrylic or fireguard, TP(a) rated material Glass - Toughened 4mm	Frame - Aluminium
LED engine	1400lm for white or green	
Control	Electronic control gear or Dali control gear.	
Ingress Protection	IP65 with frame in position, IP54 with front frame removed	

RECESSING PANEL TABS



Whitecroft
lighting

DTFA *Elite* LED THEATRE

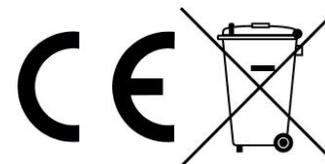


MODULAR GRID RECESSED CLEAN AREA LED LUMINAIRE

Installation Instructions

PK/LEAF/DTFATHEAT

JAN 2018 - Rev 1



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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

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

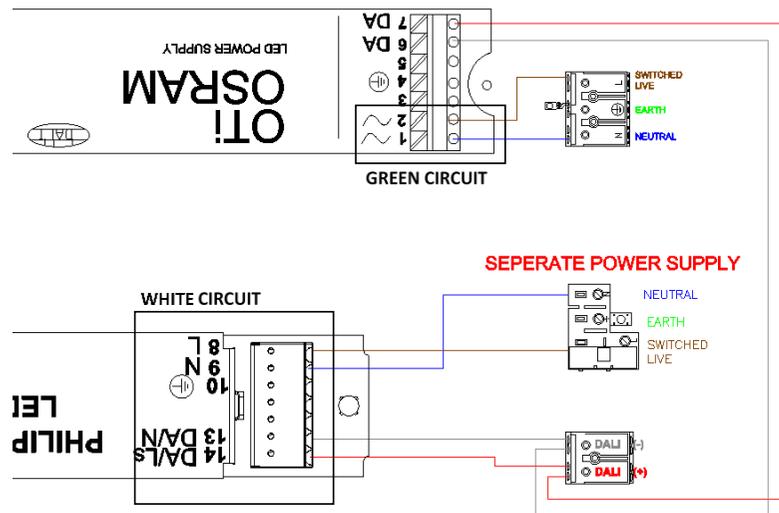
The extruded aluminium outer frame has a gasket to the ceiling, the removable inner frame has concealed (capped) or visible fixings to the body.

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
14K	1198 X 598 X 124 mm	20 kg	28 kg

WIRING DIAGRAM



N.B IF USING DALI CONTROL A FULLY ADRESSABLE SYSTEM SHOULD BE USED.

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

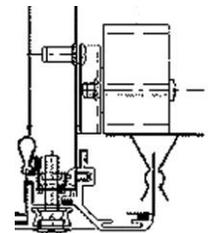


For example if the T grid is 38 mm high set the cam support bracket central nut to be $38 + 26 = 64$ mm from the extrusion upper face (the face next to the ceiling) This gives a clamping distance of 6 mm.

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.

