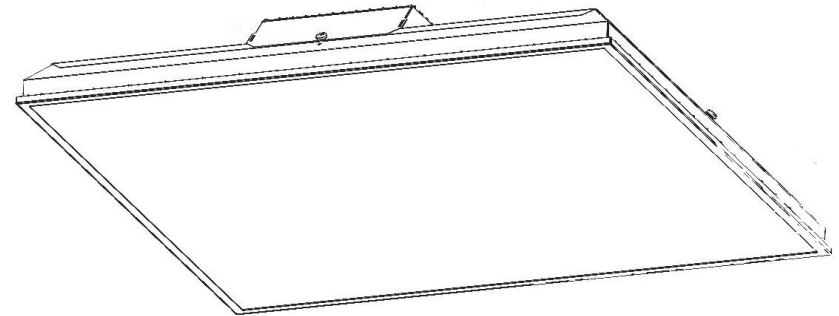


## SPECIFICATION

Finish	Body - RAL 9003
Materials	Body - Rigid 0.7mm mild steel
	Diffuser - Area - 2.5mm acrylic diffuser material Office - 2.5mm acrylic micro prism.
	Diffuser body - 0.7mm mild steel finished RAL 9003
Lamp Options	4 x Hi Voltage LED boards. AREA - 14(16W) 24(34.9W) 34(56.25W) OFFICE - 24(40.7W)
Control Gear Options	Fixed Output electronic control gear. Dali Dimming
Ceilings	Layin T15 and T25 only.
Emergency	3hour maintained integral inverter - EMIN option EM Pro test unit - EP option (can be wired as ET - Easy Test.)
IP Rating	IP40
Input Cable	220v - 240v 50/60Hz
Cable Supply	Standard and Emergency - 1mm - 2.5mm Square.

Whitecroft  
lighting

# TEGAN 600 DIFFUSER



RECESSED LED  
LUMINAIRE  
Installation Instructions

## TECHNICAL SUPPORT

Tel: 0161 331 5700  
E-mail: [technical@whitecroftlight.com](mailto:technical@whitecroftlight.com)  
[www.whitecroftlighting.com](http://www.whitecroftlighting.com)

PK/LEAFLET/TEGAN

April 2014 - Rev B



**Whitecroft Lighting Limited**

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Registered No. 3848973 England

Registered Office: As above

## GENERAL INFORMATION

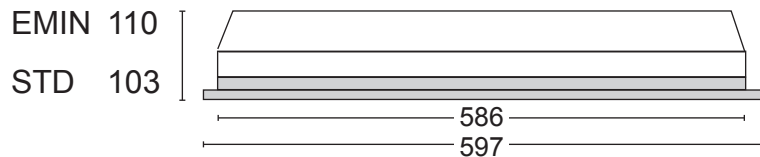
- 1) A qualified electrician, in accordance with IEE wiring regulations, should carry out connection to mains wiring for emergency fittings.
- 2) This luminaire must be EARTHED.
- 3) Ensure that the rated luminaire voltage and frequency requirements are compatible with the available mains supply.
- 4) If the luminaire incorporates high frequency electronic control gear, do not carry out high voltage insulation test, i.e. 500/1000v as 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

Tegan is a high quality recessed luminaire offering a framed prismatic diffuser and opal diffuser, and is compatible with lay-in 15 or 25mm exposed tee ceiling types. All bodies are fully boxed and jointed to minimise light spill. Available with high frequency or DALI gear. Also available with emergency 3hr self contained, standard and COMECS options.

## DIMENSIONS

Body 586 x 586mm  
 Flanges 597 x 597mm  
 Weight 4.5kg std / 6kg em. options



## INSTALLATION INFORMATION

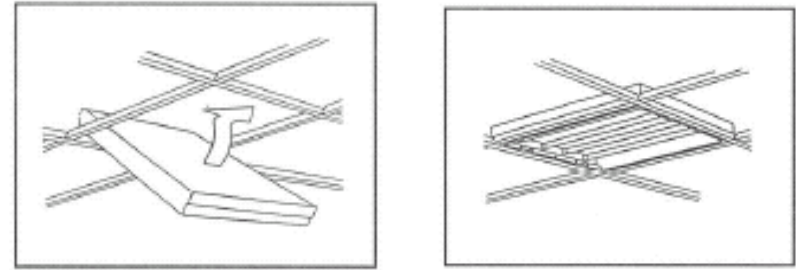
For lay in installations the recommended space between the base of the Tee and the structural ceiling should be 250mm. However the luminaire can be installed in a ceiling void of only 150mm if a cross noggin can be removed.

### INSTALLATION INSTRUCTIONS

1. Non Emergency - Remove the cover from the power supply on the rear of the body and connect the mains.

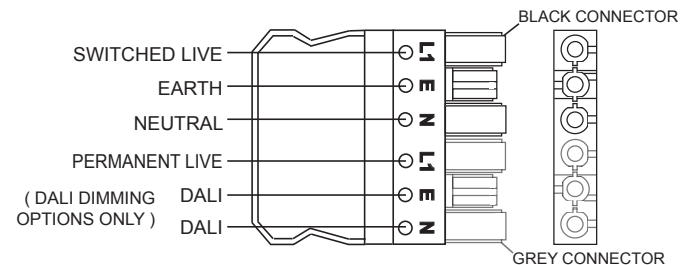
Emergency - Remove the cover off the female GST 18-6 and connect the mains - see wiring diagram below. Plug the female into the socket in the back of the body.

2. Lift and tilt the luminaire into the ceiling void then rest it on the ceiling grid.



## WIRING INFORMATION - EMERGENCY OPTIONS ONLY

FOR NON-COMECS OPTIONS



FOR COMECS OPTIONS

A) When using fully addressable system including sensors.

- 1, Wire DALI pair to the external plug as shown above.
- 2, Remove screws and lift off gearbox cover.
- 3, Add the link wires to the 4 way terminal block as shown below.
- 4, Re-attach cover and fit plug to the socket.

B) When using DALI broadcast sensor + separate emergency test system.

- 1, Wire DALI pair to the external plug as shown above.
- 2, Remove screws and lift off gearbox cover.
- 3, Wire COMECS pair to the 2 terminals labelled DALI EM on the internal 4 way block shown below. Do not attach link cables.
- 4, Re-attach cover and fit plug to the socket.

DIMMING DALI PRODUCT WITH COMECS  
 PUT LINKS WHEN YOU USE ADDRESSABLE SYSTEM

