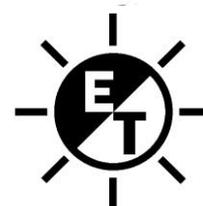


EASY TEST



Application

Whitecroft Easytest is an intelligent testing system, which can monitor and test self-contained emergency lighting luminaires.

The system tests luminaires in line with current legislation for self-contained non-maintained emergency applications with battery duration up to 3 hours.

Intelligence

The easytest unit is a stand-alone intelligent module, which can be integrated into virtually any Whitecroft emergency luminaire.

Each intelligent luminaire has EITHER a bi-coloured LED OR TWO LED's to indicate unit 'on test' or 'failure' diagnostic information in addition to 'battery charging'.

Monitoring

During operation the battery, lamp and charge conditions are monitored along with functional and duration testing.

In the event of failure the LED (s) will indicate the nature of the fault until the fault has been remedied. The testing regime will then continue.

AUTOMATIC TESTING

Commissioning Test

A full commissioning test is carried out automatically after permanent connection of the supply. The easy commissioning feature will set the initial test day and time to ensure random testing of units.

Functional Test

Functional tests are carried out for 30 seconds on a weekly basis.

Duration Test

A full duration test is carried out yearly to check the capacity of the batteries.

STATUS INDICATION (Standard LED configurations)

Single Bi-colour LED		STATUS	Two separate LED's	
GREEN	RED		GREEN	AMBER
ON		System OK	ON	OFF
FLASHING		Functional test underway	ON	OFF
	ON	Lamp fault	ON	FLASHING
	SLOW FLASH	Battery fault	OFF	FLASHING
	FAST FLASH	Charging fault	OFF	FLASHING

NOTE : IEC 60073 recommends that the charge indicator LED should be Green to indicate System OK. The above table conforms to those recommendations.

It is possible to reverse the bi-colour LED connections to swap Green and Red indications and it is also possible to have an alternative Red + Amber LED pair for compatibility with earlier product.

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