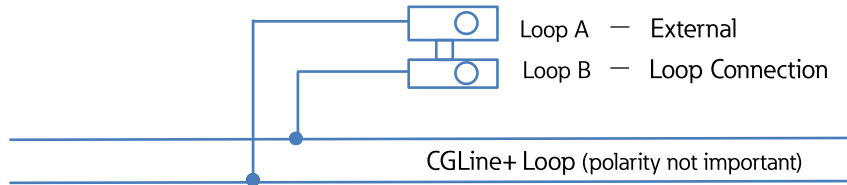


LED Luminaire fitted with CGLine+ Interface

Commissioning

Refer to the main luminaire instruction leaflet for details of mains supply connection

1. Connect the loop connections to the CGLine+ Bus (see below)
2. Connect battery
3. Power-up Mains Supply
4. Check that the charge LED lights on permanent green to show charging OK
5. Configure the luminaire using the CGLine+ Controller



Overview of CGLine+ System

When connected to the CGLine+ loop, the luminaire will execute functional and duration tests when initiated by the CGLine+ Controller. The CGLine+ Controller will also perform continuous monitoring of the luminaire emergency operation and allow emergency control functions to be performed. Please refer to the CGLine+ Controller documentation for full details.

Alternatively the luminaire may be operated in standalone 'Auto-Test' mode by disconnecting from the CGLine+ bus. In this mode functional and duration tests will be performed periodically at default test intervals. See Test Scheduling section below.

Addressing

The luminaire is pre-programmed with a 24-bit unique ID number. When an 'Address Search' is performed at the CGLine+ Controller, the luminaire will be automatically programmed with an address (1 – 400) which is used to identify the luminaire on the loop. To enable addresses to be mapped to physical luminaire locations, a label is attached to the luminaire with the 24-bit unique ID number.

Test Scheduling

Test Type	Test Time	Default Test Interval*
Functional	2 minutes	7 days
Duration	3 hours	52 weeks

* When not connected on the CGLine+ Bus

Test Scheduling (cont)

Use the CGLine+ Controller to schedule tests such that adjacent luminaires test at least 24 hours apart. This prevents a total loss of emergency coverage in the event of a genuine mains failure.

Test Postponements

In the event of a loss of charge for > 15 minutes within 24 hours of a scheduled test, the test will be postponed. If the luminaire is connected on the CGLine+ bus, the Controller will re-schedule the test, otherwise the test will be postponed by 24 hours.

Main CGLine+ Control Features

Rest Mode*	Put luminaire into Rest Mode. Cancelled by Mains or 'Re-light' command.
Inhibit (Block) Mode *	Stop emergency operation when mains is lost. Cancelled by 'Release'.
Start Functional Test	Start an immediate Functional Test.
Start Duration Test	Start an immediate Duration Test.
Maintained On/Off	Switch Maintained Mode On/Off **

*Not applicable for UK emergency operation

** If supported . Switched Live connection must be hardwired.

For a full list of Control Features please refer to the CGLine+ Controller documentation.

Charge LED Indication

Luminaire Status	Luminaire with Bi-colour LED	Luminaire with Single Green LED
Mains on – system OK	Permanent Green	Permanent Green
Mains off – emergency	OFF	OFF
Inhibit Mode	Amber/ Green Medium Flash (1/sec)	Green Medium Flash (1/sec)
Lamp/LED Fail	Amber Fast Flash (2 per sec)	Green Fast Flash (2 per sec)
Charge /Test Fail	Amber Slow Flash (1 every 2 sec)	Green Slow Flash (1 every 2 sec)
In Test	Green Medium Flash (1/sec)	Green Medium Flash (1/sec)
Power-save Mode	Single Green flash per minute	1 Green flash per minute

Refer to CGLine+ Controller documentation for details of status and faults reported by the CGLine+ Controller.