

Emergency failure codes

A plain-language reference for the result codes returned by the emergency-lighting software.

This guide explains the reported result. It does not assign the work. A result can describe a fitting fault, a communications problem, a test sequence problem, or an engineering configuration problem.

Initialisation and communications

RESULT CODE	MEANING
FAIL_INIT_LON_COMS_FAILURE	No communication with the module while Lightscape collected the result.
FAIL_INIT_DALI_COMS_FAILURE	No communication with the specific emergency device while Lightscape collected the result.
FAIL_INIT_FLAG_NOT_CLEARED	The test-complete flag did not clear before the test started.
FAIL_INIT_ALREADY_INITIALISING	Another test might still be initialising. Try again after 20 or 30 seconds.
FAIL_INIT_INVALID_RESPONSE	The APB returned an unexpected reply.
FAIL_INIT_CONFLICTING_TEST_TYPE	The module was asked to run functional and duration tests at the same time. A module cannot mix these test types.
FAIL_INIT_INVALID_ADDRESS	The module received an invalid address parameter.
FAIL_INIT_NOT_INITED	The emergency fitting is present in Lightscape but is typically not configured as an emergency on the module.

Test sequence and control

RESULT CODE	MEANING
FAIL_SEQ_COLLECT_WHILE_TESTING_MODULE	Lightscape tried to collect a result while the module still reported that the test was running.

RESULT CODE	MEANING
FAIL_SEQ_COLLECT_WHILE_TESTING_DEVICE	Lightscape tried to collect a result while the emergency device still reported that the test was running. A module reset or power cycle during the test can cause this result.
FAIL_CANCELLED_BY_USER	A user cancelled the test before the test completed.
FAIL_ALREADY_IN_TEST	Another test was already running on the same short address.

Fitting and test results

RESULT CODE	MEANING
FAIL_CIRCUIT_FAILURE	The device reported a circuit fault.
FAIL_BATTERY_DURATION_FAILURE	The battery did not last for its rated duration.
FAIL_BATTERY_FAILURE	The device reported a battery fault.
FAIL_EMERGENCY_LAMP_FAILURE	The lamp did not strike in emergency mode or did not remain lit for the required duration.
FAIL_FUNCTIONAL_DELAY	Current Lightscape versions should not report this code.
FAIL_DURATION_DELAY	Current Lightscape versions should not report this code.
FAIL_FUNCTION_TEST	The emergency device reported a functional-test failure, but no relevant failure-reason flag was set.
FAIL_DURATION_TEST	The emergency device reported a duration-test failure, but no relevant failure-reason flag was set.
FAIL_TIMEOUT_NEVER_STARTED	The test did not start within the permitted time.
FAIL_TIMEOUT_NOT_COMPLETED	The test did not finish within the permitted time.
FAIL_OTHER	An unexpected failure occurred that does not have a more specific result code.
PASS	The reported test passed.