NOTLUX by TRiALED

TEMPLATE TO PRINT

Test report emergency lighting

For commissioning, the annual test and testing after modification or repair – based on EN 50172:2024. One report per test; routine records belong in the logbook.

Site and test

Site / address

Operator / client

Contact on site

Area / part of system tested

Order / report no.

Test date

Next test due on

Reason for test

☐ Initial test / commissioning ☐ Periodic test (annual) ☐ Test after modification / extension
☐ Test after repair / defect correction

System

☐ Self-contained ☐ Self-contained with self-test ☐ Central battery ☐ Group battery

Mode

☐ Non-maintained ☐ Maintained ☐ Mixed

Testing basis

☐ EN 50172:2024 ☐ existing system under earlier rules (e.g. EN 50172:2004 / national) ☐ other: _____

Tester

Name

Company

Qualification

Measuring device (type, calibration)

Documents available

☐ Design documents / luminaire layout ☐ Building permit / fire safety concept
☐ Installer certificate / manufacturer documents ☐ Logbook with previous records
☐ Self-test reports / app evaluation ☐ Last test report / defect list

Test items

No.	Test item	OK	not OK	n/a	Remarks
1	Installation matches the design: number and position of luminaires and exit signs	☐	☐	☐	
2	Exit signs to ISO 7010, correct arrow direction, sufficient viewing distance	☐	☐	☐	
3	Luminaires undamaged, clean, securely mounted, not covered or obstructed	☐	☐	☐	
4	Status and charge indicators of all luminaires or the system OK	☐	☐	☐	
5	Function test: changeover to emergency mode on failure of the normal supply – all luminaires	☐	☐	☐	
6	Duration test: required rated duration achieved (rated / tested below)	☐	☐	☐	
7	Return to normal mode on mains restoration and recharging OK	☐	☐	☐	
8	Illuminance measured or due according to test plan (values below)	☐	☐	☐	
9	Circuits, protective devices and labelling OK	☐	☐	☐	
10	Central / group battery: battery, charger, monitoring, battery room, ventilation	☐	☐	☐	
11	Self-test or central monitoring: results read out, no open faults	☐	☐	☐	
12	Logbook available and up to date, previous defects closed	☐	☐	☐	

Duration test

Rated duration (h)	Duration achieved (h)	Start (time)	End (time)

Illuminance (spot check / measurement)

Measuring point / location	Type (escape route, anti-panic, ...)	Req. lx	Meas. lx	OK

Template for your own use. Does not replace testing by a qualified electrician; the testing basis defined for the system, building permit, fire safety concept and applicable regulations prevail.

Results per luminaire

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One line per luminaire. Function = changeover to emergency mode; Duration = rated duration achieved; Indicator = status LED or message OK.

Site / system _____ Period _____ Sheet no. _____

No.	Location / room	Luminaire / type	Function OK	Duration OK	Indicator OK	Remarks / defect no.
1	Ground floor corridor, exit stair north	Exit sign luminaire TRN-19-FLW	✓	✓	✓	–

Defects found

A system not operational – fix immediately B restricted – fix at short notice C minor – fix at next opportunity

No.	Location / luminaire	Defect	Rating	Fix by

Result

- ☐ No defects – the system is operational.
- ☐ Defects found – the system is operational; fix defects by the date given.
- ☐ Significant defects – the system is not (fully) operational; interim measures agreed with the operator.

Interim measures / notes

Signatures

Place, date	Tester – signature	Operator – acknowledged

Note: This report documents a single test. Keep it together with the logbook. The testing basis, intervals and scope follow from the standard defined for the system, the building permit and the fire safety concept.

Tired of paperwork? Your logbook as an app.

With the NOTLUX Wartung app you test every luminaire directly on the escape plan, record defects with a photo and get the test report, defect list and logbook at a click – for emergency lighting of any make, servers in Frankfurt. Try the demo in your browser, no sign-up. Or hand it all over: under the NOTLUX maintenance contract we carry out the annual on-site inspection, fix defects and replace all batteries in year 5–6.

Demo: notlux.de/en/demo
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