



The Brighter Choice



EMERGENCY LIGHTING

- Complete solutions
- ICEL certified
- Self-test & addressable test options
- CPD training



Emergency lighting solutions for everyone

Specifiers

- o Complete solutions from one provider
- o Made to the highest standard

Installers

- o Cost effective
- o Easy to install

Facilities managers

- o 7-year warranty
- o Automated testing
- o Automated alerts

Finance managers

- o Low running costs
- o Fast pay-back

End-users

Peace of mind



ICEL CERTIFIED

All our dedicated emergency fittings and emergency conversion packs are ICEL certified. This means that they have been assessed by ICEL (the Industry Committee on Emergency Lighting) to meet the highest standards of performance and reliability.



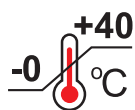
LITHIUM BATTERIES

All our emergency fittings and emergency conversion packs use lithium batteries, rather than nickel cadmium (NiCd) technology. Lithium batteries work better, last longer and are more energy efficient.



7-YEAR WARRANTY

All our emergency products are warranted for 7 year - batteries included.



INTERMITTENT CHARGE CYCLE

All our emergency products employ an intermittent (not continuous) charge cycle. This enables them to withstand higher ambient temperatures without any impact on battery life.



ENVIRONMENTAL PRODUCT DECLARATION

EPDs are in place for all our emergency products.

What's in a solution?

1. LIGHTING DESIGN

It starts with the correct design, to the latest standards and current best practices.

The latest standard is BS 5266-1:2025, and it contains significant changes from the previous (2016) edition. "We have always done it like that" won't suffice!

Emergency lighting design is a complimentary service from NVC. It will tell you exactly what lighting and signage you need, where and with what light levels, throughout a building, all to the latest standard.

2. DEDICATED EMERGENCY FITTINGS

We have choices of dedicated emergency fittings in all categories:

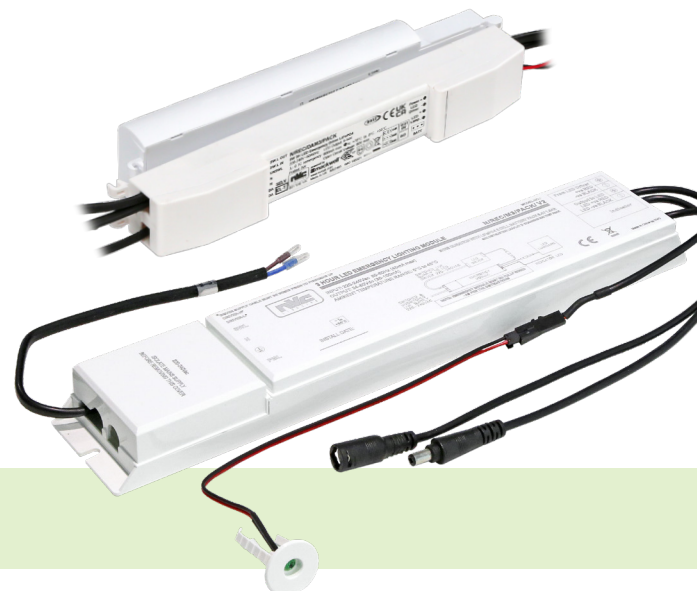
- Bulkheads
- Exit signs
- Open area and escape route lighting
- Twinspots



3. CONVERTED FITTINGS

Most of our fittings are available ready-converted from our factory. This is convenient if you know in advance exactly how many emergency fittings you will need.

- Panels
- Downlights
- Linear fittings
- Bulkheads
- Industrial lighting



- Plug/socket connections
- ICEL certified
- 7-year warranty
- Lithium batteries included



EMERGENCY TESTING ARE YOU IN THE FIRING LINE?

Are you the
"Responsible Person"?
Or is it your client?

The Responsible Person has to ensure that tests are done every month, the results are recorded and the records are kept for 5 years.

The penalty for failing to do this is a fine or a prison sentence.

Getting worried? You should be.

**There are choices as to how you go about emergency lighting testing.
Here are the options:**

1 MANUAL TEST
Still popular, but best kept for small projects only

2 SELF TEST
With a rapid payback, it's great for many small & medium sized projects

ADDRESSABLE TEST

Testing and record keeping are fully automated, so there are zero running costs, legal compliance is guaranteed and user safety is assured. We offer two addressable test solutions

3 WIRED ADDRESSABLE DALI

4 WIRELESS ADDRESSABLE Casambi or HubSense

To help you choose the best approach for your projects call our technical office for advice. Alternatively, we offer a certified CPD seminar on Emergency Lighting Testing. Speak to your local NVC representative, or call +44 (0)121 457 6340 to arrange for this to be delivered on your site.

Manual test



Manual test is still used, but it carries risks and costs.

Remember – every emergency fitting has to be:

- Tested every month, and, for each individual fitting
 - o A test record must be completed
 - o The test result must be recorded
 - o The record must be kept for 5 years

That’s a mountain of paperwork and cost, and failure to maintain the records is a breach of the law. The penalties are fines and/or imprisonment for the Responsible Person.

Because of its high costs and vulnerability to human failure, manual testing should be restricted to very small projects.

Self-test



Self-test emergency lighting is a great value option.

Self-test emergency fittings eliminate the cost of testing and the risk of it being overlooked.

On a small project with 50 emergency fittings the extra cost of self-test fittings was £765.

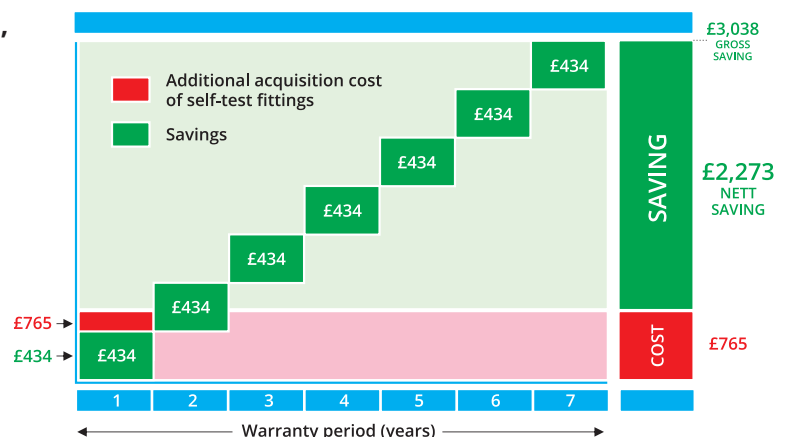
The cost of manual testing was £434 per year - but with self-test, this cost is removed.

The pay-back from self-test is less than 2 years, and the ROI is more than 400% in the 7-year warranty period.

The drawbacks of self-test are:

- There is no human control over when the tests will take place, so it will not be suitable for all types of buildings (eg hospital wards, classrooms & cinemas)
- Fault reporting is manual
- Record keeping is manual

In many cases, self-test is a big improvement on manual testing, but the legal exposure for the Responsible Person is still high because the record keeping is entirely manual.



Contact your local NVC representative or our technical team +44 (0)121 457 6340 to discuss your project.



Addressable test

Addressable test emergency lighting is programmable and fully automated:

- Tests can be scheduled to take place only at suitable times. This is a valuable feature for schools, hospitals and hospitality venues in particular
- Testing is automatic. Zero cost. Zero risk that it will be overlooked.
- Fault reporting is automatic. Notifications and/or e-mails are sent direct to the relevant person.
- Records are stored automatically for 5 years.

Full legal compliance is assured, so the risks of fines and/or imprisonment of the Responsible Person are eliminated.

THERE ARE 2 TYPES OF ADDRESSABLE TEST SYSTEMS

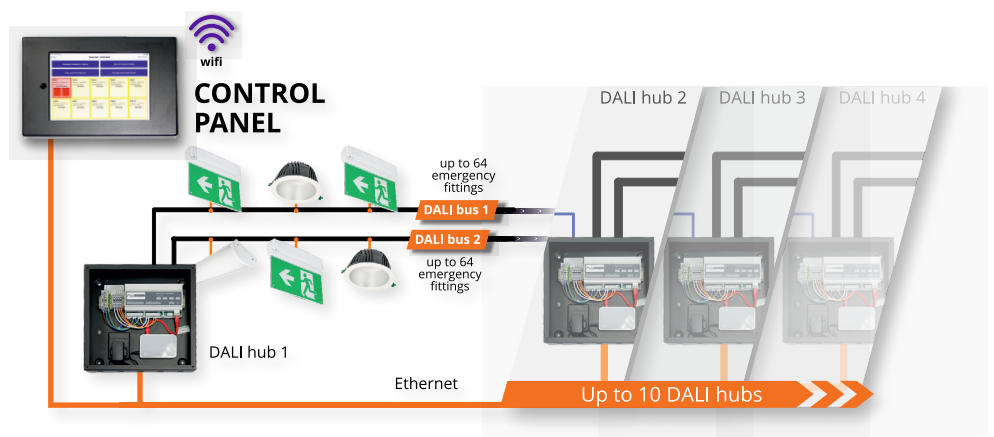
1. WIRED ADDRESSABLE TEST

| | SOLUTION | LIFETIME VALUE | LEGAL EXPOSURE |
|------------------------|----------|----------------|----------------|
| WIRED ADDRESSABLE TEST | GOOD | GOOD | LOWEST |

These systems use a wired DALI network, with hubs and a control panel.

Each individual emergency fitting requires a DALI emergency module, and it must be physically connected to the DALI network.

DALI addressable systems are widely used, especially in large projects such as hospitals, universities and large office complexes.



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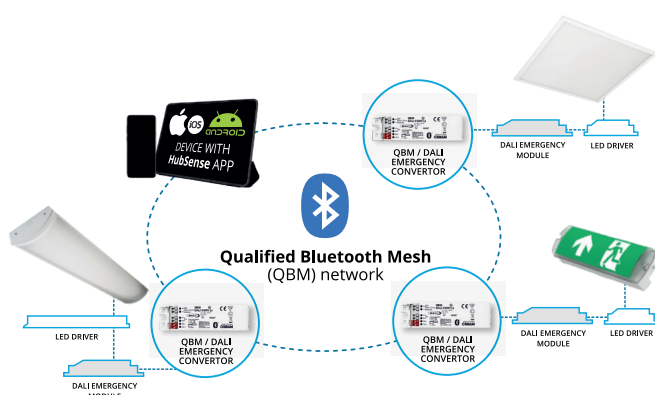
2. WIRELESS ADDRESSABLE TEST Casambi or HubSense



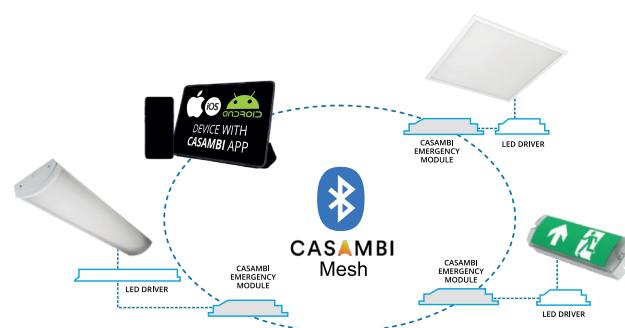
| | SOLUTION | LIFETIME VALUE | LEGAL EXPOSURE |
|---------------------------|-----------|----------------|----------------|
| WIRELESS ADDRESSABLE TEST | EXCELLENT | EXCELLENT | LOWEST |

Wireless addressable systems have all the advantages of DALI wired systems (full automation, proactive fault reporting and 5-year record keeping), but without the costs of dedicated hardware and wiring, and with simpler commissioning.

We offer a choice of Casambi or Hubsense. Both of these can be implemented as a full lighting control system that includes addressable emergency testing, or as an addressable emergency testing system only.



HubSense Emergency
 Wireless Addressable Test Emergency



CASAMBI Emergency
 Wireless Addressable Test Emergency

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EMERGENCY LIGHTING NVC DELIVERS THE COMPLETE SOLUTION

1. LIGHTING DESIGN

- a. What emergency lighting is needed?
- b. Layouts and light levels to the latest standard

2. EMERGENCY LIGHTING

- a. Dedicated emergency lighting & signage
- b. Converted light fittings
- c. Emergency conversion packs

3. EMERGENCY TESTING SOLUTIONS

- a. Manual test
- b. Self-test
- c. Addressable test - DALI wired or Wireless

4. CPD TRAINING

Not sure which emergency test solution is right for you? Contact your local NVC representative, or call +44 (0)121 457 6340, and ask for our CPD seminar on emergency lighting testing to be delivered on your premises.



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