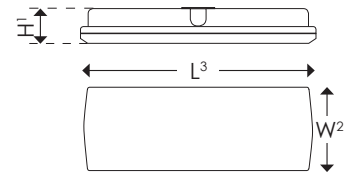


## Technical specifications

Power	5-7 W
Voltage driver	230 VAC
Dimmable	-
Power factor	> 0,75
Colour	cool white
Color temperature	6000 °K
Luminous flux (AC)	230-250 Lm
Luminous flux (DC batt.)	100-130 Lm
Expected life time	25000 - 40000 hours
Dimensions H <sup>1</sup> / W <sup>2</sup> / L <sup>3</sup>	76 / 117 / 350 mm
Battery type	4,8V 1800mAh Ni-Cd
Battery protection	Over- and unloading
Battery autonomy	3 hours
Battery replacement	Every 4 years



## Safety instructions

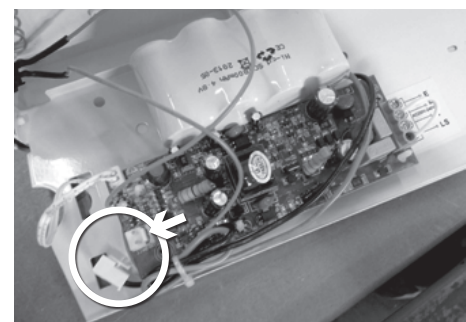
- A qualified technician shall install and service this device.
- Make sure that the available voltage does not exceed the voltage stated in the specifications of this manual.
- Keep this device away from children and unauthorized users.
- **Risk of electroshock when opening the cover.** Touching live wires can cause life-threatening electroshocks. Do not disassemble or open the housing yourself. Have the device repaired by qualified personnel.
- This luminaire does not have a built-in device to disconnect it from the electric mains. Make sure to electrically isolate the luminaire before installation or maintenance activities are performed. Do not crimp the power cord and protect it against damage. **Warning!** If the power cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons in order to avoid any hazard.
- **Caution:** possibly hazardous optical radiation emitted from this product. Do not look straight into the light source. Eye injury may result.
- **Caution:** device heats up during use.
- **Indoor use only.** Keep this device away from rain, moisture, splashing and dripping liquids. Never put objects filled with liquids on top of or close to the device.
- Do not use the luminaire with a cracked or broken protective shield. Disconnect immediately from the mains. The protective shield is not replaceable.
- All electrical installations must be carried out according to **IEE wiring regulations**.

## Cleaning and maintenance

- This luminaire does not have a built-in device to disconnect it from the electric mains. Make sure to electrically isolate the luminaire before installation or maintenance activities are performed.
- All screws shall be tight and free of corrosion.
- The housing, the visible parts, the mounting supports and the installation location (e.g. ceiling, suspension, etc.) shall not be deformed, modified or tampered with; e.g. do not drill extra holes in mounting supports, do not change the location of the connections.
- Mechanically moving parts must not show any signs of wear and tear.
- The electric power supply cables must not show any damage.
- Have a qualified technician maintain the device.
- If the protective shield / cover is damaged, disconnect the luminaire immediately from the mains. Do not use the luminaire with a cracked or broken protective shield / cover. The protective shield / cover is not replaceable.
- There are no user-serviceable parts.
- Contact your dealer for spare parts if necessary.
- Wipe the device regularly with a moist, lint-free cloth.
- Do not use alcohol or solvents for cleaning.
- Test the lighting and the battery periodically, in accordance with national and / or European regulations

## Installation

- **Always respect the safety instructions! Check them out before you begin the installation.**
- Turn the power off / disconnect, before starting the installation or wiring.
- **Recessed mounting:** Cut a mounting hole in accordance with the dimensions in the specifications on the other page of this manual.
- Remove the diffuser from the body by removing two crosshead screws.
- Push the two feather clamps (marked >>)outwards. Gear tray hinges.
- **Surface mounting:** Mount the luminaire with suitable screws and dowels at the desired location.
- Make sure the secondary side of the driver is connected to the luminaire before connecting the primary side with power.
- Wire up the luminaire in accordance to IEE wiring regulations. An unswitched 240V AC-supply must be connected to Live (L), Earth (E) and Neutral (N) terminals on the PCB. For Maintained variants, switched illumination is provided by connecting a switched Live (LS) in place of the wire loop.
- Before use plug battery lead connector into the empty terminal CN3 "BATT" on the LED driver (see picture).
- Hinge back gear tray, press down to lock. Then place the diffuser onto the body with two screws.
- **Recessed mounting:** Press the retaining springs up and place the luminaire into the mounting hole.



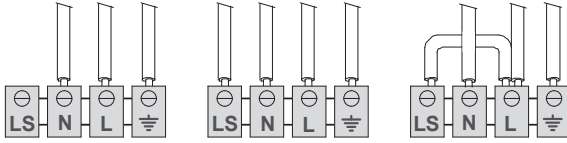
N neutral (blue)  
 L constant phase (brown)  
 LS switched phase (black)  
 earth (yellow-green)

## 220-240V (50/60Hz)

not continuous

continuous / switched

continuous



Connection diagram

Function	Status	LS	L	N	E	Battery	Control LED
Emergency light ON	Always ON	x	x	x	x	x	green
Emergency light OFF	Only in case of emergency ON		x	x	x	x	green
Emergency light OFF	Switchable ON/OFF	S	x	x	x	x	green

## General usage

The DecaLED® Emergency LED lighting luminaire 5-7W can be used as local emergency lighting for escape routes, but also for permanent or regular lighting such as a gallery. The surface mounted version (94000115) can be used as escape route indication, using the included icon stickers. This LED luminaire comes with a built-in LED driver and battery pack with which the emergency lighting remains lit independently during a power outage about 3 hours.

- Keep this device away from extreme temperatures.
- Protect this device from shocks and abuse. Avoid brute force when operating the device.
- Familiarise yourself with the functions of the device before actually using it.
- All modifications of the device are forbidden for safety reasons. Damage caused by user modifications to the device is not covered by the warranty.
- Only use the device for its intended purpose. All other uses may lead to short circuits, burns, electroshocks, luminaire explosion, crash, etc.
- Using the device in an unauthorised way will void the warranty.
- Damage caused by disregard of certain guidelines in this manual is not covered by the warranty and the dealer will not accept responsibility for any ensuing defects or problems.
- Use the original packaging if the device is to be transported.
- Keep this manual for future reference.

## Testing

It is recommended to test the luminaire periodically. For this purpose, the batteries must be charged for 24 hours prior to any test. By means of the test switch, isolate the unswitched live supply and the emergency luminaire will be lit. For a 1 or 3 hour duration test, the supply is switched off to ensure the rated duration is achieved. The green LED indicates that power is on and the battery is charged.

## Batteries

When the test results no longer meet the requirements for duration indicated for the luminaire the batteries must be replaced. Please see the label on the batteries for the type required. Given the technical life cycle of the battery, it is recommended to replace it every 4 years.

## Disposal of the product (WEEE)

This symbol on the device or the package indicates that disposal of the device after its lifecycle could harm the environment. Do not dispose of the unit (or batteries) as unsorted municipal waste; it should be taken to a specialized company for recycling. This device should be returned to your distributor or to a local recycling service. Respect the local environmental rules.

