MADE IN SWEDEN
QUALITY AND DESIGN

EMERGENCY LIGHTING AND INFORMATION SIGNS

with extreme brilliance and sharpness!

Product catalogue

LEDO LIGHT

made in brilliance

DALI

LEDOLIGHT SWEDEN AB

Ledolight Sweden AB from Alingsås was founded in 2003 and sprung from a patented technology. Today, the company works internationally with the development, manufacturing and marketing of products based on laser technology, LEDs and optics.

Ledolight has won design and technology awards and today is a market-leading Swedish manufacturer and developer of energy-efficient emergency lighting. The patented technology can also be used as a substitute for Neon, for example.

Ledolight works according to the classical Swedish watchwords of quality, functionality and design. Quality, by working with the leading suppliers of light diodes, laser, acrylics and electronics. Functionality, as part of our installation support and service during the product's lifetime. Design, by giving customers a positive impression and ensuring a unique image for Ledolight as a company. We are proud that this has been acknowledged with several awards.

Ledolight targets the illumination industry. We support electrical consultants, installation technicians and electrical wholesalers in achieving competitive solutions for their customers. Please do not hesitate to contact us! We will answer all your questions to the best of our ability!

Ledolight Sweden AB – Swedish-manufactured with Swedish quality and Swedish design, in accordance with EU and Swedish laws and standards!

Ledolight actively works for a better environment.

Ledosafe – emergency lighting

Ledosafe is the new generation of emergency lighting. The Swedish approach to quality, functionality and design are the basis for products that always lead the way out.

Ledogram – information signs

Ledogram products are information signs that transform necessary information into sources of interior design. Developed to provide a distinct, yet discreet impression through their stylish design.

Ledosign – customer-specific products

Ledosign products are developed and manufactured according to the customer's specific design and application needs. Our laser technology produces a strong and even light distribution in a product with enhanced contrast and attention to detail.

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LEDO SAFE

- Readability, brilliance and even light distribution
- Easy and flexible mounting
- Stylish design
- Reliable and maintenance-free

EMERGENCY LIGHTING – Enhanced visibility from a distance

Together with the lighting's sober design, its brilliance ensures a product that becomes an architectural design resource in any environment.

The pictogram incorporates Ledosafe's patented technology and the light diodes create the characteristic luminosity and high readability. The electrical unit is equipped with sophisticated electronics, with self-testing and fault indication. Also available with status monitoring by potential free contact.

Ledosafe provides a complete range of emergency evacuation lighting and accessories. The product is divided into two units: Pictogram and Electrical Unit, interconnected via a flexible mounting system for easy wall or ceiling installation.

Ledolight works to achieve innovative, high-quality emergency evacuation products, and to be the obvious alternative when it comes to showing the way out.

Customised

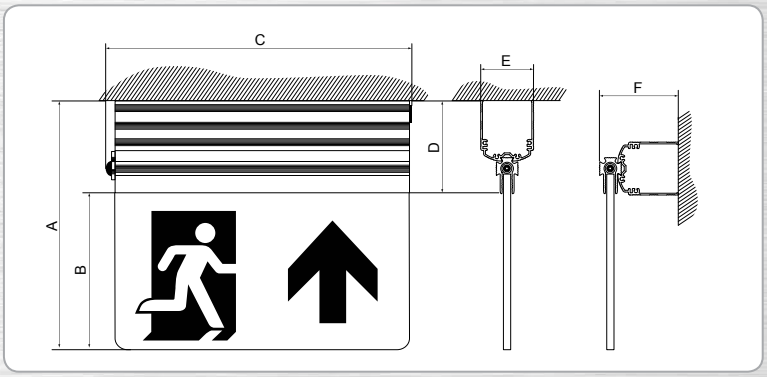
Ledosafe is available with variable voltage, for hospitals, for example. Contact Ledolight for more information.

Ledosafe – reliable and stylish.

Technical specifications

Electrical unit

	Decentralised	Centralised
Material	Steel/Aluminium	Steel/Aluminium
Voltage	220-240 VAC 50-60 Hz	220-240 VAC 50-60 Hz
Battery	NiMh 4.8 V High Temp 1150 mAh	Central
Backup time	> 3h	See Specification of the manufacture of the central processing unit
Temperature range	0°C to +35°C	-25°C to +40°C
Self-testing	Indication via light diode. Test of battery and light diodes 1 min/ week, 1 hour/month, 3 hours/sixth month	Indication via light diode. Only test of light diodes
Monitoring	Potential-free/NC, Max 48V 40mA	Potential-free/NC, Max 48V 40mA
Adjustment of light strength	Standard – 100 %, adjustable to 75/50/25 % of standard value, on emergency operation 100 %	Standard – 100 %, adjustable to 75/50/25 % of standard value, on emergency operation the level set on installation is maintained
Protection class	IP40	IP40
Energy consumption	2.7 - 6.9 W	2.7 - 6.9 W
Standards	EN1838 EN60598-2-22 EN60598-1 EN62471	EN1838 EN60598-2-22 EN60598-1 EN62471
Assembly	Ceiling, wall and pendle	Ceiling, wall and pendle
Accessories	Recess frame, ceiling pendle, bracket and sabotage protection	Recess frame, ceiling pendle, bracket and sabotage protection



Model	A	B	C	D	E	F
15 m	182	100	171	80	45	67
25 m	212	130	261	80	45	67
35 m	257	175	336	80	45	67
40 m	282	200	336	80	45	67

Portable emergency lighting for Ledosafe and Ledonomic.

Pictogram

Material	6mm acrylic
Standards	EN 1838 ISO 7010
Voltage	6 V
Light transmission	92 %
Luminosity	Green – above 10 cd/m² White – above 100 cd/m²
Light source	Light-emitting diodes (LEDs) LSS15 4 LEDs LSD15 7 LEDs LSS25 9 LEDs LSD25 14 LEDs LSD35 19 LEDs LSS35 15 LEDs LSD40 19 LEDs LSS40 15 LEDs
Reading distance	15 / 25 / 35 / 40 metres

LEDO SAFE

Order key Complete lighting = electrical unit + LED sign

Please get in touch if you are unable to find the products you are looking for.
We also manufacture specific products tailored to suit your needs.

Designation	Type no.
ELECTRICAL UNIT 15M	PU15
ELECTRICAL UNIT 25M	PU25
ELECTRICAL UNIT 35M	PU35
ELECTRICAL UNIT 40M	PU40
ELECTRICAL UNIT 25M - DALI	PU25-DALI
ELECTRICAL UNIT 35M - DALI	PU35-DALI
ELECTRICAL UNIT 15M - CAP	PU15-CAP
ELECTRICAL UNIT 25M - CAP	PU25-CAP
ELECTRICAL UNIT 15M - POT FREE	PU15-PF
ELECTRICAL UNIT 25M - POT FREE	PU25-PF
ELECTRICAL UNIT 35M - POT FREE	PU35-PF
ELECTRICAL UNIT 15M - CEN	PU15-CEN
ELECTRICAL UNIT 25M - CEN	PU25-CEN
ELECTRICAL UNIT 35M - CEN	PU35-CEN
ELECTRICAL UNIT 40M - CEN	PU40-CEN
ELECTRICAL UNIT 55M - CEN	PU55-CEN
LED SIGN 15M ARROW LEFT	LSS15-3
LED SIGN 15M ARROW DOWN	LSS15-4
LED SIGN 15M ARROW RIGHT	LSS15-5
LED SIGN 15M ARROW UP	LSS15-6
LED SIGN 15M ARROW LEFT	LSS15-3-R
LED SIGN 15M ARROW DOWN	LSS15-4-R
LED SIGN 15M ARROW RIGHT	LSS15-5-R
LED SIGN 15M ARROW UP	LSS15-6-R
LED SIGN 15M DOUBLE V/H	LSD15-3
LED SIGN 15M DOUBLE DOWN	LSD15-4
LED SIGN 15M DOUBLE V/H	LSD15-3-R
LED SIGN 15M DOUBLE ARROW DOWN	LSD15-4-R
LED SIGN 15M DOUBLE ARROW UP	LSD15-6-R
LED SIGN 25M ARROW LEFT	LSS25-3
LED SIGN 25M ARROW DOWN	LSS25-4
LED SIGN 25M ARROW RIGHT	LSS25-5
LED SIGN 25M ARROW UP	LSS25-6
LED SIGN 25M ARROW LEFT	LSS25-3-R
LED SIGN 25M ARROW DOWN	LSS25-4-R
Designation	**Type no.**

	LED SIGN 25M ARROW RIGHT	LSS25-5-R
	LED SIGN 25M ARROW UP	LSS25-6-R
	LED SIGN 25M DOUBLE V/H	LSD25-3
	LED SIGN 25M DOUBLE DOWN	LSD25-4
	LED SIGN 25M DOUBLE V/H	LSD25-3-R
	LED SIGN 25M DOUBLE ARROW DOWN	LSD25-4-R
	LED SIGN 25M DOUBLE ARROW UP	LSD25-6-R
	LED SIGN 35M ARROW LEFT	LSS35-3
	LED SIGN 35M ARROW DOWN	LSS35-4
	LED SIGN 35M ARROW RIGHT	LSS35-5
	LED SIGN 35M ARROW UP	LSS35-6
	LED SIGN 35M ARROW LEFT	LSS35-3-R
	LED SIGN 35M ARROW DOWN	LSS35-4-R
	LED SIGN 35M ARROW RIGHT	LSS35-5-R
	LED SIGN 35M ARROW UP	LSS35-6-R
	LED SIGN 35M DOUBLE V/H *	LSD35-3
▮	LED SIGN 35M DOUBLE ARROW DOWN *	LSD35-4
▮	LED SIGN 35M DOUBLE ARROW UP *	LSD35-6
▮	LED SIGN 35M DOUBLE ARROW V/H *	LSD35-3-R
▮	LED SIGN 35M DOUBLE ARROW UP *	LSD35-6-R
▮	LED SIGN 35M DOUBLE ARROW DOWN *	LSD35-4-R
▮	LED SIGN 40M ARROW LEFT	LSS40-3
	LED SIGN 40M ARROW DOWN	LSS40-4
	LED SIGN 40M ARROW RIGHT	LSS40-5
	LED SIGN 40M ARROW UP	LSS40-6
	LED SIGN 40M DOUBLE V/H *	LSD40-3
▮	LED SIGN 40M DOUBLE ARROW DOWN *	LSD40-4
▮	LED SIGN 55M ARROW LEFT	LSS55-3
	LED SIGN 55M ARROW DOWN	LSS55-4
	LED SIGN 55M ARROW RIGHT	LSS55-5
	LED SIGN 55M ARROW UP	LSS55-6
	LED SIGN 55M DOUBLE V/H	LSD55-3
	LED SIGN 55M DOUBLE ARROW DOWN	LSD55-4

▮ * Led sign and electrical unit must be ordered at the same time (1 hour battery backup)

Accessories Ledosafe

Ceiling pendle

Aluminium 800 mm. Matches all sizes.

Wire mount

2 x wire and wire bracket for pendant installation. Matches electrical unit PU15/25/35

Mounting set, inner ceiling

Matches electrical unit PU15/25/35

Sabotage/ball protection

For complete fitting Electrical unit + pictogram. PU15/25/35

External door leaf illumination

Matches all models. For simple retrofitting PU15/25/35

Bracket for flag assembly

Bracket for flag assembly matches electrical unit PU15/25/35

Battery

NiMH 4.8V 1150 mA for Ledosafe manufactured before 2008-01

Battery

NiMH 4.8V 1150 mA for Ledosafe manufactured after 2008-01

Order key

Designation		Type no.
CEILING PENDLE	800MM	LL001
WIRE MOUNT SET	2M	LL002
BRACKET ELECTRICAL UNIT	15M	LL013-15
BRACKET ELECTRICAL UNIT	25M	LL013
BRACKET ELECTRICAL UNIT	35M	LL013-35
MOUNTING SET INNER CEILING	15M	LL014-15
MOUNTING SET INNER CEILING	25M	LL014
MOUNTING SET INNER CEILING	35M	LL014-35
SABOTAGE/BALL PROTECTION	15M	LL015-15
SABOTAGE/BALL PROTECTION	25M	LL015
SABOTAGE/BALL PROTECTION	35M	LL015-35
EXTERNAL DOOR LEAF ILLUMINATION 15/25/35M		LSEDB-001
BATTERY NIMH 4.8 V 1150 mAh after 2008-01		LL048

LEDO SAFE

- Digital control
- can be integrated with Ledosafe, Ledobright and Ledonomic
- control via computer or panel
- cost-effective

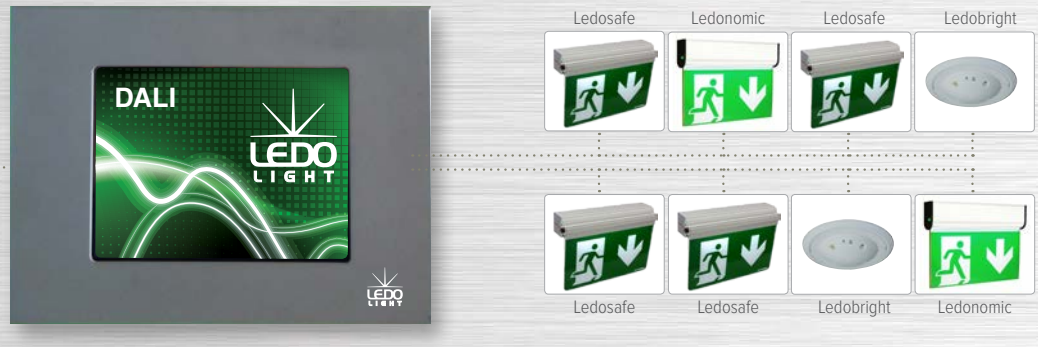
Digital control for DALI actuator – control via computer or panel

Ledosafe and Ledobright have been integrated with DALI control into a complete system that is controlled via computer or panel.

DALI (Digital Addressable Lighting Interface) is a standardised digital light regulation protocol. The simple structure of the components makes DALI a cost-effective system. In addition, the DALI standard allows DALI components from different manufacturers to be used together in the same DALI installation.

Order key - see page 6 for pictogram

Designation	Type no.
ELECTRICAL UNIT 25M – DALI	PU25-DALI
ELECTRICAL UNIT 35M – DALI	PU35-DALI
EMERGENCY ILLUMINATION 1 LED (LEDOBRIGHT) DALI	LBNB-D-001
EMERGENCY ILLUMINATION 2 LEDs (LEDOBRIGHT) DALI	LBNB-D-002
EMERGENCY ILLUMINATION 4 LEDs (LEDOBRIGHT) DALI	LBNB-D-004
DALI TOUCH PANEL 120 (LEDOSAFE/LEDOBRIGHT/LEDONOMIC)	LSDTP-001
LEDONOMIC DALI	LNK-D-001



There are applications for an optional number of emergency light addresses.
Contact Ledolight or any dealer for more information.

Control Ledosafe, Ledonomic and Ledobright via a computer or panel.

LEDOWIRELESS
- complete solution, simple control

A new product lineup of signs and emergency lighting, integrated with extremely reliable wireless technology developed by Lumenradio in Sweden.

The user friendly interface is designed so everybody can use it.

Low initial cost makes it well suited for smaller sites.

Ledonomic
- Wireless monitoring & control

- User friendly interface

- Good for small as well as large sites

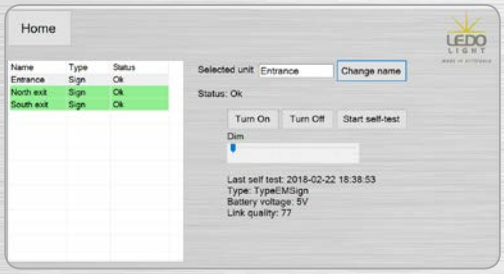
Panel with compatible products

Ledowireless panel

The control panel for interacting with the units in the network.

All units are shipped from us linked to a specific panel, to make the setup as easy as possible. As soon as the unit is turned on it will bind to the network.

The status screen is designed to quickly read the status and inform you that everything is okay or if there is an error that need attention.



The list screen gives more information about all units in a network.

Here you can see more detailed status, control dimming and set individual names.

Order key

Designation	Type no.
LEDOWIRELESS panel	LW-PNL
NOMIC WIRELESS	LNW-001
BRIGHT WIRELESS (Open area)	LBW-ROUND
BRIGHT WIRELESS (Corridor)	LBW-OVAL

CE

Technical specification

Connection	220 - 240 VAC, 50 - 60 Hz
Measurements	W 190mm H 135mm D 100mm
Temperature range	0°C to +30°C
Protection class	IP40
Assembly	Wall mounted
Weight	700 g

Ledonomic Wireless

We integrated wireless technology in our already well tried and tested Ledonomic sign.

An all-in-one product, deliverered with Arrow left, right, down + blank and mounting rail for wall.

For more information, see Ledonomic Standard at page 14??

Ledobright Wireless

An emergency lighting available in two models with different lenses for open areas and for corridor lighting.

Accessory for mounting in inner ceiling also available.

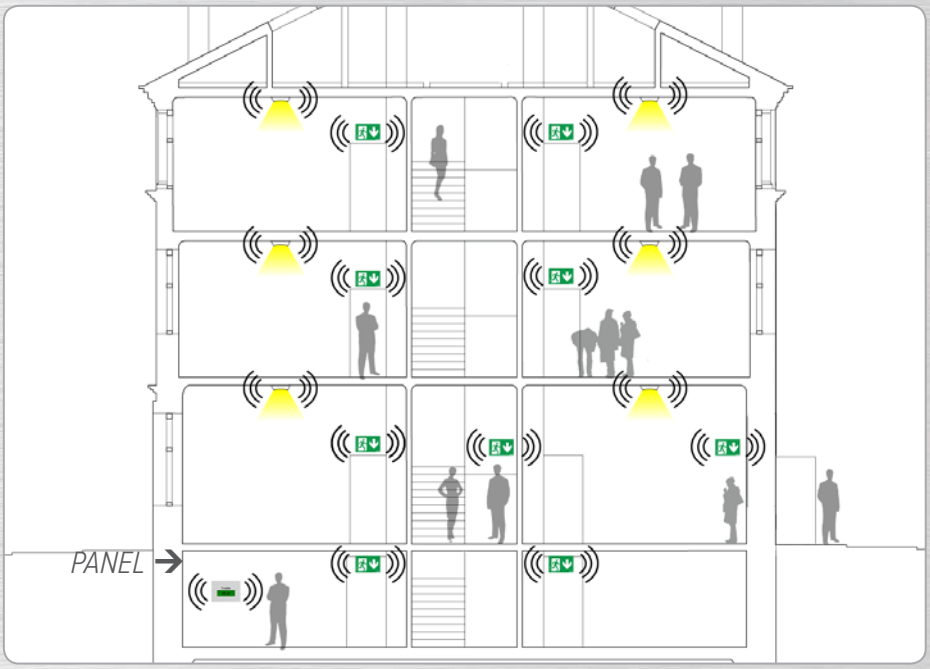
Technical specification

Material	ABS plastic and steel
Voltage	220-240 VAC, 50-60 Hz
Battery	NiMh 4.8 V High Temp 1250 mAh
Backup time	1 hour
Temperature range	0°C to +30°C
Weight	350 g
Dimensions (l*w*h)	95mm x 95mm x 40mm
Protection class	IP40
Light source	Light Emitting diode (LED)
Self-testing	Yes

Illumination distance (1 Lux)

Height	Oval Lens ↔	Oval Lens ↕	Round Lens ↔	Round Lens ↕
2.5 m	8.00 m	21.0 m	11.6 m	11.6 m
3.0 m	8.00 m	23.4 m	13.2 m	13.2 m
3.5 m	8.00 m	24.4 m	13.8 m	13.8 m

DIALux



The wireless units form a meshing network throughout the building and the panel keeps track of all units.

LEDO NOMIC

Ledonomic – complete package

The package contains the following:

- 4 different pictograms: Arrow left, right, down + blank
- Mounting rail for wall
- Jumper for centralization

Alumninium or white color – standard

LEDONOMIC – fits the budget!

Ledonomic is a value product of the emergency exit signs with the same high standards and advanced technology as the other products from Ledolight.

Ledonomic are available in 5 different models. All of them are developed to fit your budget without any saving on the advanced technology. A long service life, low energy consumption and no maintenance requirements make Ledonomic a cost-effective investment.

Like the previously known Ledosafe, all the models of Ledonomic uses LED. They provide high readability and stylish design and are developed, manufactured in accordance with the European standard. Always with Swedish quality and design.

The electrical unit is equipped with sophisticated electronics. Self-testing is a matter of course.

The Ledonomic standard model is equipped for decentralized or centralized power and with status monitoring by a potential free contact.

- Delivered complete and ready for ceiling and wall installation.

Five models of Ledonomic:

- Ledonomic Standard complete
- Ledonomic EmEx complete
- Ledonomic Longlife
- Ledonomic CAP
- Ledonomic DALI

"I really recommend Ledonomic from Ledolight. The design is unique and when it comes to quality I am very impressed."

Sven Karlsson, Sweden

Optional - Choose color of the power unit
The aluminium or white color comes as standard

5 models of Ledonomic emergency lighting:
Ledonomic standard, Ledonomic EmEx, Ledonomic Longlife, Ledonomic CAP and Ledonomic DALI

LEDONOMIC custom – illuminate your message

With Ledonomic we offer signs that convey your message. Additional customised pictograms enable you to design unique signs to communicate your message.

Signs for stores, cafés, restaurants or offices. Door, wall, parking or identification signs. The only limit in terms of the message your sign conveys is your imagination.

Contact Ledolight for more information and prices.

WHEN YOU WANT TO GET YOUR MESSAGE ACROSS:

- corporate logos
- a written message
- information signs
- warning signs

Examples of customized Ledonomic:

LEDO NOMIC

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Ledonomic Standard – a complete package

The package contains the following:

- 4 different pictograms: Arrow left, right, down + blank
- Mounting rail for wall
- Jumper for centralization

Ledonomic standard complete

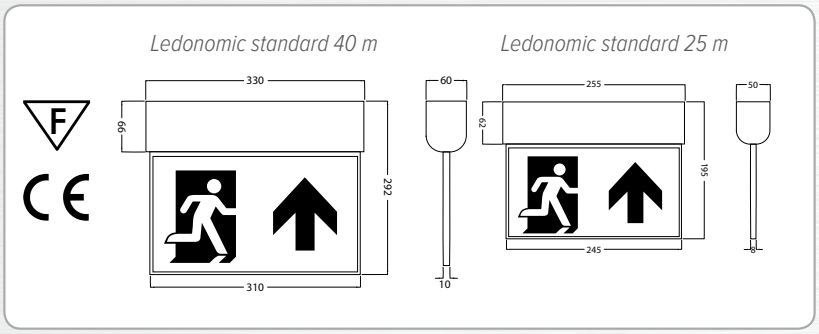
LEDONOMIC STANDARD complete – designed and fits your budget

Ledonomic Standard is a value model of the emergency exit signs with the same high standards and advanced technology as the other products from Ledolight.

Ledonomic is developed and manufactured in accordance with the European standard. A long service life, low energy consumption and no maintenance requirements make Ledonomic a cost-effective investment. Manufactured with Swedish quality and design in accordance with the EU and the Swedish laws and norms.

The electrical unit is equipped with sophisticated electronics. Self-testing is a matter of course. Ledonomic is both decentralized and centralized.

- Delivered complete and ready for ceiling and wall installation.



Order key

Designation	Type no.	color
LEDONOMIC 25M. (Complete)	E-LN-001	
LEDONOMIC 25M. (Complete) CENTRALIZED	E-LN-CEN	ALU
LedoNomic- 40M. (Complete)	E-LN-40M-001	ALU
LedoNomic - 40M. (Complete) CENTRALIZED	E-LN-40M-001-CEN	ALU
PICTOGRAM	E-LL-060	
PICTOGRAM ARROW UP	E-LL-061	

Technical specification

Material	Aluminium and Acrylic
Voltage	220-240 VAC, 50-60 Hz
Battery	NiMh 4.8 V High Temp 1250 mAh
Backup time	3 hour
Temperature range	0°C to +35°C
Weight	950 g and 1300 g
Monitoring	Potential-free/NC, Max 48V 40mA
Protection class	IP40
Energy consumption	3.7 W and 6 W
Light source	Light-emitting diodes (LED) 9 pcs and 15 pcs
Reading distance	25 and 40 meters
Self-testing	Yes
Standards	EN 60598-1, EN 62471, EN 60598-2-22, EN 1838

LEDONOMIC EmEx complete – value product with high standard

EmEx is a simpler model of the Ledonomic exit signs with the same high standards and advanced technology as other products from Ledolight.

EmEx emergency evacuation lighting is developed and manufactured in accordance with the European standard. A long service life, low energy consumption and low maintenance requirement make EmEx a costeffective investment.

Ledonomic technology is based on LEDs, to ensure high readability.

The electrical unit is equipped with sophisticated electronics. Self testing is a matter of course.

- Delivered complete and ready for ceiling and wall installation.

Ledonomic EmEx – a complete package

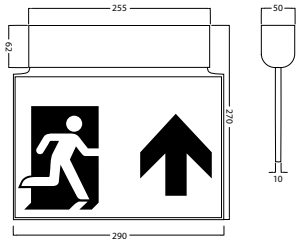
The package contains the following:

– 4 different pictograms: Arrow left, right, down + blank

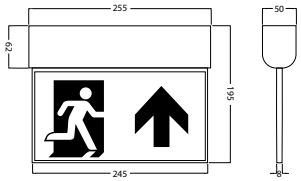
– Mounting rail for wall

Ledonomic EmEx 40m

Ledonomic EmEx 40 m



Ledonomic EmEx 25 m



Technical specification

Material	Aluminium and Acrylic
Voltage	220-240 VAC, 50-60 Hz
Battery	NiMh 4.8 V High Temp 1250mAh
Backup time	1 hour
Temperature range	0°C to +35°C
Weight	950 g and 1300 g
Monitoring	Potential-free/NC, Max 48V 40mA
Protection class	IP40
Energy consumption	3.7 W and 6 W
Light source	Light-emitting diodes (LED) 9 pcs and 15 pcs
Reading distance	25 and 40 meters
Self-testing	Yes
Standards EN 60598-1, EN 62471, EN 60598-2-22, EN 1838	

Order key

Designation	Type no.	color
LEDONOMIC EmEx 25M (Complete)	E-LMX-001	ALU
LEDONOMIC EmEx 25M CENT (Complete)	E-LMX-002	ALU
LEDONOMIC- EmEx 40M (Complete)	E-LMX-40M-001	ALU
LEDONOMIC - EmEx 40M ARROW RIGHT	E-LMX-40M-RIGHT	ALU
LEDONOMIC -EmEx 40M ARROW LEFT	E-LMX-40M-LEFT	ALU
LEDONOMIC -EmEx 40M ARROW UP	E-LMX-40M-UP	ALU
LEDONOMIC - EmEx 40M (Complete) CENTRALIZED	E-LMX-40M-001-CEN	ALU
LEDONOMIC- EmEx 40M CENTRALIZED ARROW DOWN	E-LMX-40M RIGHT	ALU
LEDONOMIC - EmEx 40M CENTRALIZED ARROW LEFT	E-LMX-40M LEFT	ALU
LEDONOMIC -EmEx 40M CENTRALIZED ARROW UP	E-LMX-40M UP	ALU

LEDO NOMIC

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QUALITY AND DESIGN

NEW TECHNOLOGY

LEDONOMIC CAP complete – the eco-friendly choice

- Our supercapacitors minimise hazardous substances
- A maintenance-free lifetime of more than 10 years
- Our supercapacitors reduces CO_2 emissions

Capacitor technology have recently become a viable alternative to conventional batteries in many areas.

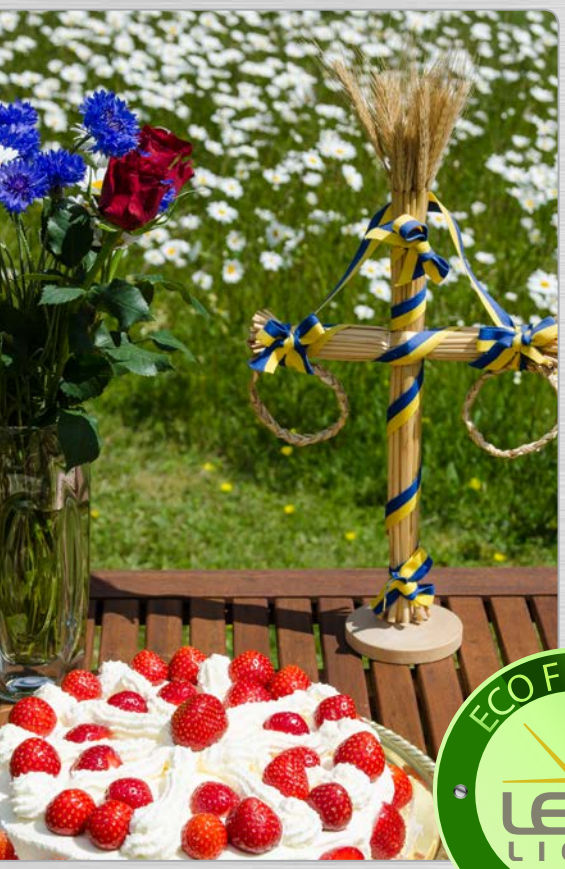
Capacitors carry multiple advantages over batteries including longer lifespan, more environmentally friendly and a wider operating temperature range. The longer lifespan results in reduced maintenance costs and enables us to leave a longer warranty.

Technical specification

Material	Aluminium and Acrylic
Voltage	220-240 VAC, 50-60 Hz
Battery	None
Backup Powersource	Ultracapacitor 0.8Wh Maxwell
Backup time	1 hour
Temperature range	-25°C to +30°C
Weight	950 g
Monitoring	Potential-free/NC, Max 48V 40mA
Protection class	IP40
Energy consumption	3.7 W
Light source	Light-emitting diodes (LED) 9 items
Reading distance	25 meters
Self-testing	Yes
Standards	EN 60598-1, EN 62471, EN 60598-2-22, EN 1838

Order key

Designation	Type no.	color
LEDONOMIC 25M (Complete) CAP	E-LN-CAP	ALU



ECO FRIENDLY LEDO LIGHT

Ledolight care about the environment!

Ledonomic CAP

LEDONOMIC Longlife complete – maintenance-free lifetime of 10 years

Longlife is our Ledonomic sign containing the latest and best long-lifetime NiMH batteries. This ensures as low maintenance cost as possible by reducing the need for battery replacement by at least half.

Our Longlife batteries comes with a longer warranty then the standard batteries.

- A maintenance-free lifetime of more than 10 years
- Eco-friendly
- Easy installation
- Reliable and low maintenance

Technical specification

Material	Aluminium and Acrylic
Voltage	220-240 VAC, 50-60 Hz
Battery	1100 mAh High-temp longlife
Backup time	1 hour
Temperature range	0°C to +30°C
Weight	950 g and 1300g
Monitoring	Potential-free/NC, Max 48V 40mA
Protection class	IP40
Energy consumption	3.7 and 6 W
Light source	Light-emitting diodes (LED) 9 or 15 items
Reading distance	25 and 40 meters
Self-testing	Yes
Standards	EN 60598-1, EN 62471, EN 60598-2-22, EN 1838

Order key

Designation	Type no.	color
LEDONOMIC 25M (Complete) LONGLIFE	E-LN-LONGLIFE 25	ALU
LEDONOMIC 40M (Complete) LONGLIFE	E-LN-LONGLIFE 40	ALU

ECO FRIENDLY
LEDO LIGHT

LEDO SHARP

MADE IN SWEDEN
QUALITY AND DESIGN

NEW TECHNOLOGY

- Capacitors ensure operational reliability and a long service life
- Eco-friendly
- Same readability, luminosity and light distribution as Ledosafe
- Minimal maintenance costs
- A maintenance-free lifetime of more than 10 years

LEDOSAFE CAP
– maintenance-free lifetime of 10 years

Luminosity and even light distribution combined with a new capacitor function signal a brand new eco-friendly product with a long service life. With this innovative product development Ledolight is introducing brand new, revolutionary technology to the market.

The batteries for our ever popular Ledosafe range have now been replaced by supercapacitors. These have a very rapid charge, meaning the lighting is quick to respond when needed. The Ledosafe CAP has a maintenance-free lifetime of more than 10 years.

Environmental considerations

At Ledolight we care about the environment and are determined that our operation will have as little environmental impact as possible. We have no desire to consume more energy and materials than we need and are actively working for a better environment. All Ledolight products are manufactured in Sweden.

Our new product Ledosafe CAP is proof of the huge strides we are making in terms of developing our environmental work. By replacing conventional batteries with integrated supercapacitors, we are helping to protect the environment. Ledosafe CAP – an eco-friendly product.

Our supercapacitors minimise hazardous substances and have a much longer service life than batteries. The use of capacitors also reduces CO_2 emissions.

Ledosafe CAP – the eco-friendly choice!

Ledolight care about the environment!

Technical specifications

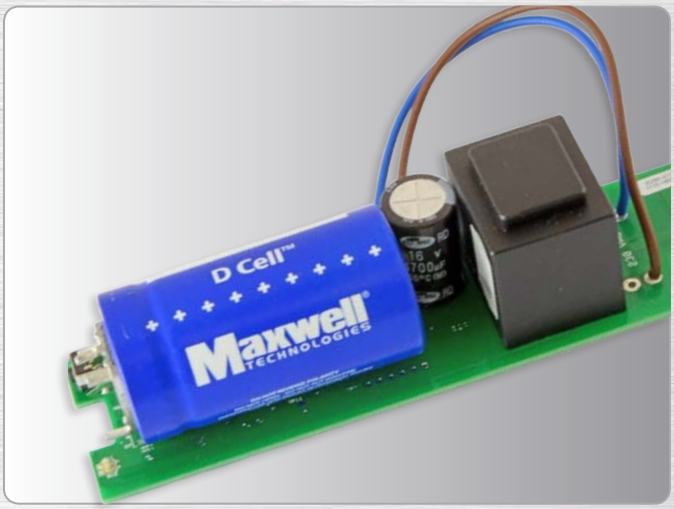
	Decentralised
Backup Powersource	PU15-CAP Ultracapacitor 0.4Wh Maxwell PU25-CAP Ultracapacitor 0.8Wh Maxwell
Backup time	> 1h

Other specs of the electrical units and pictograms, see Ledosafe, page 5.

Order key

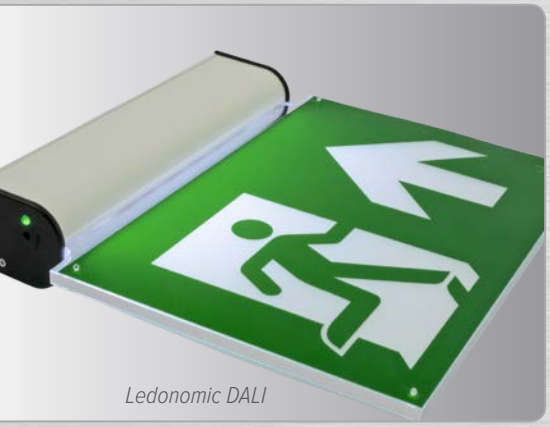
Designation	Type no.
ELECTRICAL UNIT 15M - CAP	PU15-CAP
ELECTRICAL UNIT 25M - CAP	PU25-CAP

CE DIALux



LEDO NOMIC

MADE IN SWEDEN
QUALITY AND DESIGN



Ledonomic DALI

LEDONOMIC DALI complete – digital control for DALI actuator

Like the Ledosafe and Ledobright also the Ledonomic DALI has been integrated with DALI control. The complete system is controlled via computor or panel. Read more about DALI on page 10.

Ledonomic DALI is a valued complete system of the emergency exit signs and of course delivered with the same high standards and advanced technology.

Technical specification

Material	Aluminium and Acrylic
Voltage	220-240 VAC, 50-60 Hz
Battery	NiMh 4.8 V High Temp 1250 mAh
Backup time	3 hour
Temperature range	0°C to +35°C
Weight	950 g and 1300 g
Protection class	IP40
Energy consumption	3.7 and 6 W
Light source	Light-emitting diodes (LED) 9 and 15 items
Reading distance	25 and 40 meters
Self-testing	Yes
Standards	EN 60598-1, EN 62471, EN 60598-2-22, EN 1838

DALI

There are applications for an optional number of emergency light addresses. Contact Ledolight or any dealer for more information.

Order key

Designation	Type no.	color
LEDONOMIC 25M. (Complete) DALI	E-LN-DALI	ALU
LedoNomic 40M. (Complete) DALI	E-LN-40M-DALI	ALU

LEDONOMIC AED SIGN
– when every second counts

In the event of a cardiac emergency, every second counts and it is important to have a sign that is easily recognised in order to reduce delay in locating an AED. Every second counts. The brillance of Ledonomic AED sign direct people to the AED equipment, save time and ultimately help save a life.

AED = Automated External Defibrillator

Technical specification

Material	Aluminium and Acrylic
Voltage	220-240 VAC, 50-60 Hz
Temperature range	-20°C to +40°C
Weight	950 g
Protection class	IP40
Energy consumption	3.7 W
Light source	Light-emitting diodes (LED) 9 items
Reading distance	50 meters
Self-testing	Yes

Order key

Designation	Type no.	color
LEDONOMIC 25M AED	E-LN-AED	ALU

LEDO NOMIC

Order key

Designation	Type no.
CEILING PENDLE ALUMINIUM 800 MM	E-LL001
WIRE MOUNT SET 2M	E-LL002
FLAG BRACKET 25M	E-LNFF-001
FLAG BRACKET 40M	E-LNFF-002
MOUNTING SET, INNER CEILING 25M	E-LNII-001
SABOTAGE/BALL PROTECTION 25M	E-LL015
SABOTAGE/BALL PROTECTION 40M	E-LL040
BATTERY	E-LL-052
BATTERY LONGLIFE	E-LL-054

Accessories Ledonomic

Ceiling pendle
Aluminium 800 mm.
Matches all sizes.

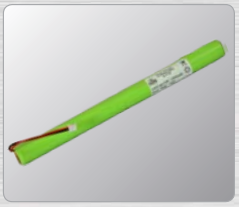
Wire mount
2 x wire and wire bracket for pendant installation.

Mounting set, inner ceiling
Matches electrical unit.
Ledonomic 25m

Sabotage/ball protection
Ledonomic 25m and 40m

Bracket for flag assembly
Bracket for flag assembly matches electrical unit.
Ledonomic 25m and 40m

Batteri
NiMh 4,8V 1100mAh
Ledonomic Longlife



Battery
NiMh 4,8V 1250mAh
Ledonomic

LEDO SAFE

WARNING SIGNS
– clear signage without lighting

Ledolight offers a wide range of warning, information and workplace safety signs for clear signage in both public and private settings.

Our warning signs are available in a number of different materials, including aluminium, acrylic, plastic film, etc. Contact Ledolight for other materials and images.

N-2001

N-2002

N-2003

N-2004

S-1001

S-1002

S-1003

S-1004

S-1005

S-1006

S-1007

S-1008

N-3001

N-3002

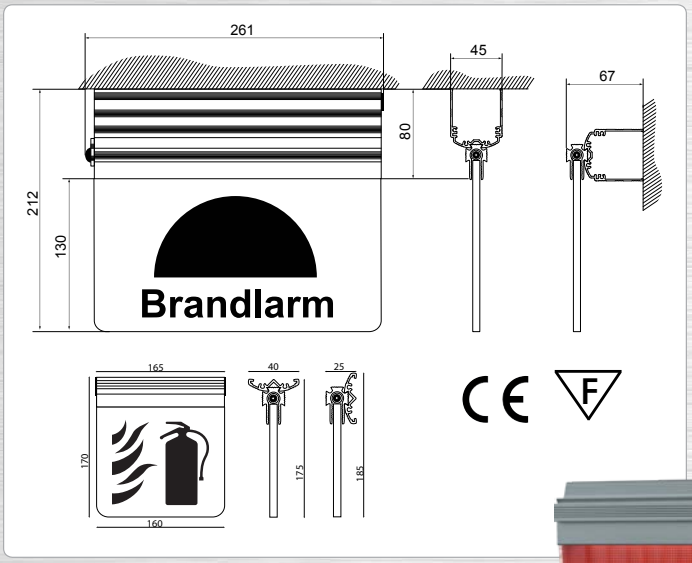
N-3003

LEDO SAFE

MADE IN SWEDEN
QUALITY AND DESIGN

FIRE SIGNS
– with powerful luminosity

High security due to a very high light quality and powerful luminosity that gives an extra high readability from a distance. Available with standard pictogram, and can also be ordered with customer-adapted symbols and texts. The flexible assembly system means that the signs match Ledosafe's power units.



Order key

Designation	Type no.
LED SIGN FIRE ALARM PICTOGRAM*	BTABLA-001
LED SIGN FIRE EXTINGUISHER**	BSLACK-001
LED SIGN FIRE HOSE**	BSLANG-001

* Other specs of the electrical units and pictograms, see Ledosafe, page 5.

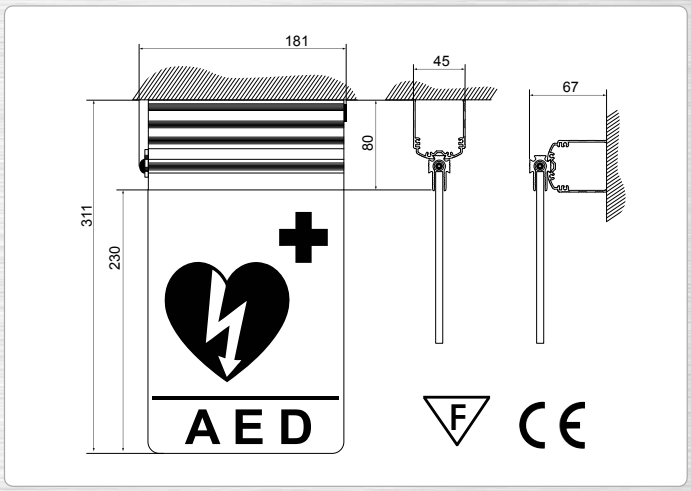
** Other specs of the electrical units and pictograms, see Ledogram, page 27.

LED-ILLUMINATED SIGN – DEFIBRILLATOR

– when being seen is a matter of life and death!

Ledolight's Defibrillator sign has been developed on the basis of the same technology and standard as our successful and popular Ledosafe emergency lighting, in accordance with the European standard. A long service life, low energy consumption and low maintenance requirement make our product a cost-effective investment.

Patented technology within LEDs, lasers and optics makes our defibrillator sign unique. The result is a product with high readability, even light distribution and energy-saving properties.



Technical specification

Material	Aluminium and Acrylic
Voltage	220-240 VAC, 50-60 Hz
Temperature range	-20°C to +40°C
Weight	850 g
Protection class	IP40
Energy consumption	3.7 W
Light source	Light-emitting diodes (LED) 9 items
Reading distance	45 meters

Order key

Designation	**Type no.**
LED SIGN DEFIBRILLATOR	HJ-001
LED SIGN AED	HJ-002

LEDO BOX

LEDOBOX
– waterproof, stainless, stylish

A lightbox designed to withstand harsher conditions. With IP67 classification and an easy system for mounting.

Perfect for use within airports, subways & exhibition halls etc.

Brackets are available for flag mounting, ceiling mounting and wall mounting.

Can be ordered with custom made sign fronts.

Order key

Designation	Type no.
LEDOBOX 40 M	LBOX-040
LEDOBOX 60 M	LBOX-060
LEDOBOX 80 M	LBOX-080
WALL/FLAG BRACKET	LBOX-WFB
CEILING BRACKET	LBOX-CB

CE IP67

Teknisk specifikation

Material	Rostfritt stål (EN-4301) och akryl
Spänning	220-240 VAC, 50-60 Hz
Temperaturområde	-20°C till +40°C
Vikt	3300 g / 4800 g / 6400 g
Skyddklass	IP67
Energiförbrukning	8 W / 12 W / 15 W
Ljuskälla	Lysdioder (LED)
Läsavstånd	40 / 60 / 80 meter

LEDO SHARP

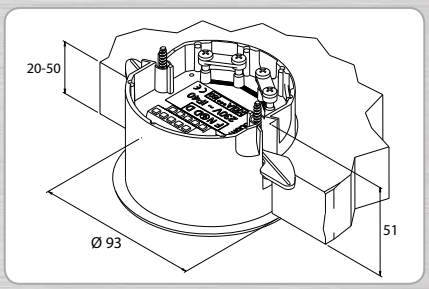
LEDOSHARP

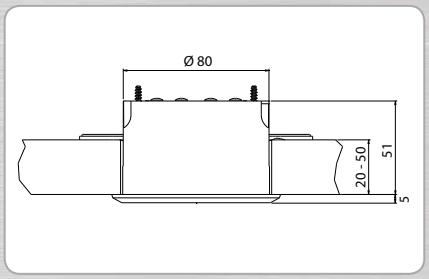
– efficient emergency lighting

A very price efficient emergency lighting available in two models with different lenses for corridor and open area lighting.

Stylish and discreet design.

When mounted inset into the ceiling it only protrudes 5mm.





Illumination distance (1 Lux)

Height	Oval Lens ↔	Oval Lens ↕	Round Lens ↔	Round Lens ↕
2.5 m	8.00 m	21.0 m	11.6 m	11.6 m
3.0 m	8.00 m	23.4 m	13.2 m	13.2 m
3.5 m	8.00 m	24.4 m	13.8 m	13.8 m

CE

DIALux

Technical specification

Material	ABS plastic and steel
Voltage	220-240 VAC, 50-60 Hz
Battery	NiMh 4.8 V High Temp 1250 mAh
Backup time	1 hour
Temperature range	0°C to +30°C
Weight	300 g
Protection class	IP40
Light source	Light Emitting diode (LED)
Self-testing	Yes

Order key

Designation	Type no.
LEDOSHARP (Open area)	LBS-ROUND
LEDOSHARP (Corridor)	LBS-OVAL

Design framework – proposals for designed fronts

- Easy and flexible mounting
- Stylish design
- Reliable and maintenance-free
- Manufactured in accordance with applicable laws and standards
- Lighting with integrated electronics and battery

LEDOBRIGHT
- emergency illumination - all in one

Ledobright is emergency lighting with design and attitude, when you are looking for powerful lighting and the latest technology. Where the wishes of the electrician and interior designer are paramount. Options that capture the interest of architects and interior designers alike, and give them free reign to use colours and shape.

Ledobright represents a cost-effective investment over its long service life, as well as low energy consumption and less need for maintenance.

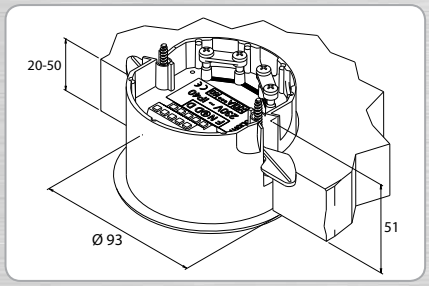
Ledobright is also available with central monitoring via DALI or a relay module.

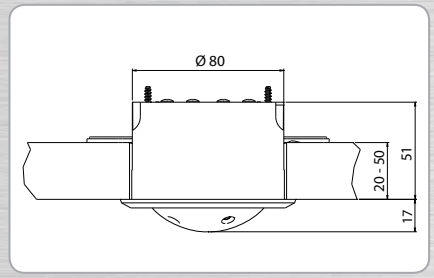
Easy and flexible mounting

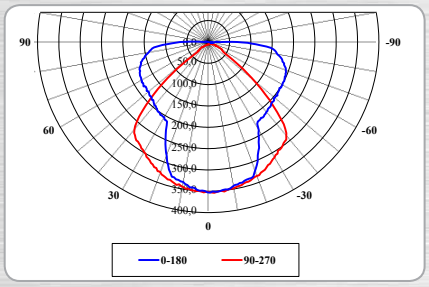
Installation of Ledobright is both easy and flexible thanks to its integrated electronics and battery. Replacing the battery is also simple.

Light data

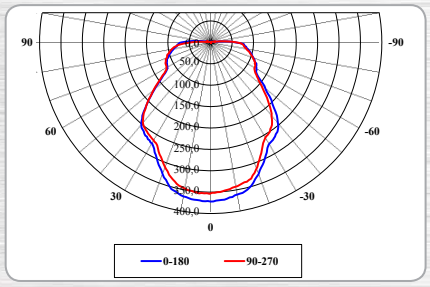
Open surface without reflection.
For more information get the dialux files at www.ledolight.se







2 LEDs – Light flow: 164 lm



4 LEDs – Light flow: 243 lm

Technical specification CE

Self-testing	Yes
Light source	LED
Connection	220 - 240 VAC, 50 - 60 Hz
Battery	NiMH 3.6 V, 1150 mAh
Temperature range	0°C to +30°C
Protection class	IP40
Assembly	Inset, surface mounted
Weight	300 g

Illumination surface (1 Lux)

Height	**2 LEDs**	**4 LEDs**
2.5 m	33 m²	42 m²
3.0 m	36 m²	45 m²
4.0 m	42 m²	53 m²

Order key

Designation		Type No.
EMERGENCY ILLUMINATION (LEDOBRIGHT)	1 LED	LBNB-001
EMERGENCY ILLUMINATION (LEDOBRIGHT)	2 LEDs	LBNB-002
EMERGENCY ILLUMINATION (LEDOBRIGHT)	4 LEDs	LBNB-003
EMERGENCY ILLUMINATION (LEDOBRIGHT) DALI	1 LED	LBNB-D-001
EMERGENCY ILLUMINATION (LEDOBRIGHT) DALI	2 LEDs	LBNB-D-002
EMERGENCY ILLUMINATION (LEDOBRIGHT) DALI	4 LEDs	LBNB-D-004
DESIGN FRAMEWORK (LEDOBRIGHT)		LBNB-DR-005

Ledobright
– lighting with integrated electronics and battery

LEDO GRAM

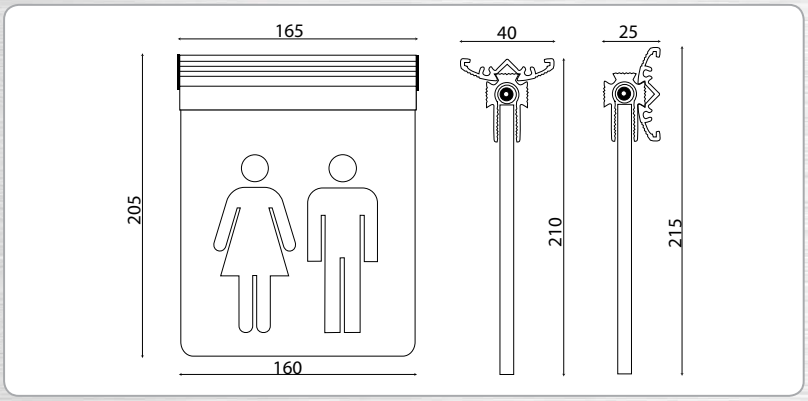
MADE IN SWEDEN
QUALITY AND DESIGN

- Stylish design resource
- Distinct yet discreet
- Low energy
- Maintenance free
- Multi-sign systems

LEDOGRAM
– inform with style

Ledogram products are information signs that transform the necessary information into sources of interior design. Developed to provide a distinct yet discreet impression through its stylish design. Laser technology combined with LEDs have made it possible to create information signs that blend into the architecture, without the need for any external lighting.

Ledogram offers the customer a maintenance-free product with a long service life and low power consumption that leads the way in both light and darkness. Ledogram is available with standard pictograms or customised to specific requirements.



Order key All of the products below are excluding Trafo

Designation	Type no.
SIGN GENTS TOP WHITE	LG101-1-W
SIGN GENTS RIGHT WHITE	LG101-2-W
SIGN LADIES TOP WHITE	LG102-1-W
SIGN LADIES RIGHT WHITE	LG102-2-W
SIGN LADIES/GENTS TOP BLUE	LG103-1-B
SIGN LADIES/GENTS TOP WHITE	LG103-1-W
SIGN LADIES/GENTS RIGHT WHITE	LG103-2-W
SIGN DISABLED TOP WHITE	LG104-1-W
SIGN DISABLED RIGHT WHITE	LG104-2-W
SIGN COCKTAILS TOP BLUE	LG105-1-B
SIGN COCKTAILS TOP WHITE	LG105-1-W
SIGN COCKTAILS RIGHT BLUE	LG105-2-B
SIGN LITTER TOP WHITE	LG106-1-W
SIGN LITTER RIGHT WHITE	LG106-2-W
SIGN DISABLED TOP RED	LG107-1-R
SIGN DISABLED TOP RED	LG107-2-R
SIGN ARROW DOWN TOP WHITE	LG108-1-W
SIGN ARROW DOWN RIGHT WHITE	LG108-2-W
SIGN ARROW RIGHT TOP WHITE	LG109-1-W

Designation	Type no.
SIGN ARROW RIGHT RIGHT WHITE	LG109-2-W
SIGN ARROW LEFT TOP WHITE	LG110-1-W
SIGN ARROW LEFT RIGHT WHITE	LG110-2-W
SIGN INFO TOP BLUE	LG114-1-B
SIGN INFO TOP WHITE	LG114-1-W
SIGN ESCALATOR TOP WHITE	LG115-1-W
SIGN ESCALATOR RIGHT WHITE	LG115-2-W
SIGN CLOAKROOM TOP WHITE	LG116-1-W
SIGN CLOAKROOM RIGHT WHITE	LG116-2-W
SIGN LIFT TOP WHITE	LG117-1-W
SIGN LIFT RIGHT WHITE	LG117-2-W
SIGN CUTLERY TOP WHITE	LG118-1-W
SIGN CUTLERY RIGHT WHITE	LG118-2-W
SIGN CAFÉ TOP WHITE	LG119-1-W
SIGN CAFÉ RIGHT WHITE	LG119-2-W
SIGN SMOKING TOP WHITE	LG120-1-W
SIGN SMOKING RIGHT WHITE	LG120-2-W
SIGN NO-SMOKING TOP RED	LG121-1-R
SIGN NO-SMOKING RIGHT RED	LG121-2-R

Order key – accessories

Designation	Type no.
RAIL FOR TWO SIGNS	LG2
RAIL FOR FOUR SIGNS	LG4
RAIL ADJUSTABLE BAR 200 CM	LG200
CEILING PENDLE 800 MM	LL001
TRAFO 3 W/12 V	LG011
TRAFO 10 W/12 V	LG012

Technical specification

Material	RAIL Acrylic and Aluminium
Dimensions	165x205 mm
Voltage	12 V
Energy consumption	0.4 W
Light source	Light-emitting diodes (White/Blue/Green/Yellow/Red)
Temperature range	-20°C to +40°C
Weight	350 g

LEDO SIGN

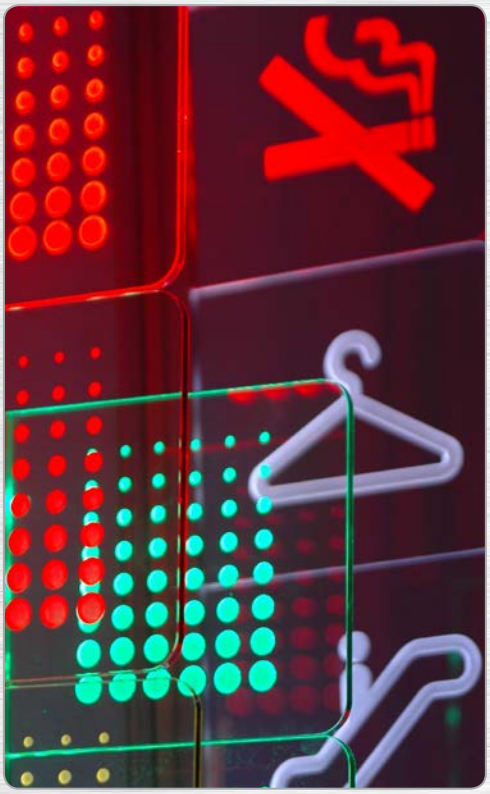
- Design
- Luminosity and readability
- Contrast and attention to detail
- Thin and adaptable
- Long service life
- Low energy consumption

LEDOSIGN
– brilliant colours for your sign ideas!

Ledosign products are developed and manufactured according to the customer's specific design and application needs. Our laser technology produces a strong and even light distribution in a product with enhanced contrast and attention to detail.

Ledosign is a thin and adaptable product with a long service life and low energy consumption. The product areas cover a wide range, including interior design, brand names, and the advertising and automotive industries.

Ledosign can be used in countless areas, and you can draw on our expertise to find a specific solution.

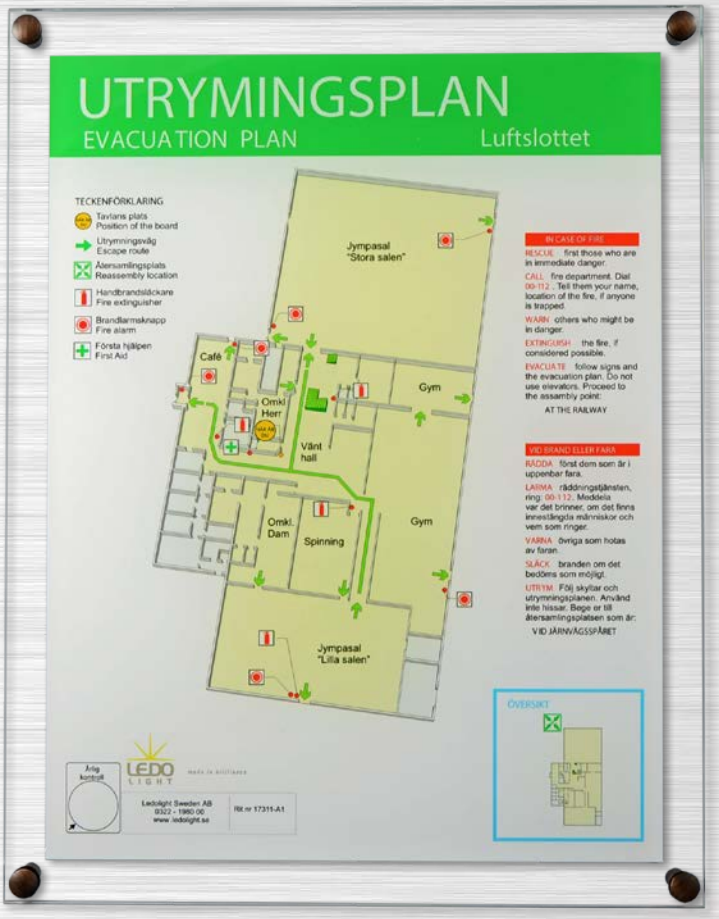


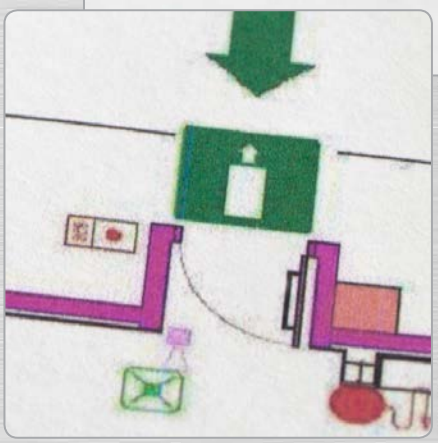
LEDO SAFE

EVACUATION PLANS
– materials for your needs

Ledolight offers evacuation plans in a variety of materials, including aluminium, acrylic and plastic film. To make installation even easier, we supply the plans complete with stylish spacers or an adhesive backing, whichever you prefer. We manufacture evacuation plans in dimensions up to 500mm x 330mm and comply with Swedish Standard SS2875.

Do you have a special design in mind? Contact Ledolight for more information.





– Ledosafe and Ledonomic

CENTRAL RESERVE POWER – CPS/UPS – for increased safety

Wagfors reserve power aggregate for emergency and reserve illumination in different configurations, depending on load and operating time. For Ledolight's emergency evacuation lighting we recommend Flexline 1000 Digital or PowerLine 5110 Digital. Both aggregates maintain high quality, and give stable operation and 100 per cent illumination in emergency operation.

CPS PowerLine 5110/5120/5130/5140 Digital 150W / 300W / 600W / 1200W

FlexLine 1000 Digital – 50 W

- Central power supply
- The lamps switch on automatically if the power supply is disrupted.
- Microprocessors monitor and control all vital parts, connected load, charge and battery. Deviations are indicated on an internal panel and by an external alarm.
- The aggregate is delivered with maintenance-free VRLA batteries with an estimated service life of 10-12 years.
- The construction protects from damage in the event of incorrect handling or connection.
- The aggregate fulfils the requirements of EN50171 and is EMC and Safety approved by an accredited third party.
- Strong input terminals and clear instructions make installation simple.
- Automatic function testing

Order key

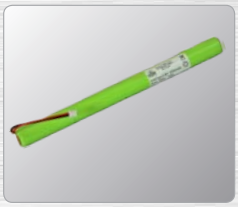
Designation	Type no.
BACKUP POWERLINE 6140 DIGITAL (WAGFORS) 1200W	LSPL-1200W
BACKUP POWERLINE 6130 DIGITAL (WAGFORS) 600W	LSPL-600W
BACKUP POWERLINE 6120 DIGITAL (WAGFORS) 300W	LSPL-300W
BACKUP POWERLINE 6110 DIGITAL (WAGFORS) 150W	LSPL-150W
LS FLEXLINE FL1S (SINUS) DIGITAL (WAGFORS) 50W	LSFL-50W
DALI TOUCHPANEL 120 (LEDOSAFE/LEDOBRIGHT/LEDONOMIC)	LSDTP-001

BATTERIES

LEDOSAFE LL-048

LEDOSAFE LL-049

LEDOBRIGHT LL-050



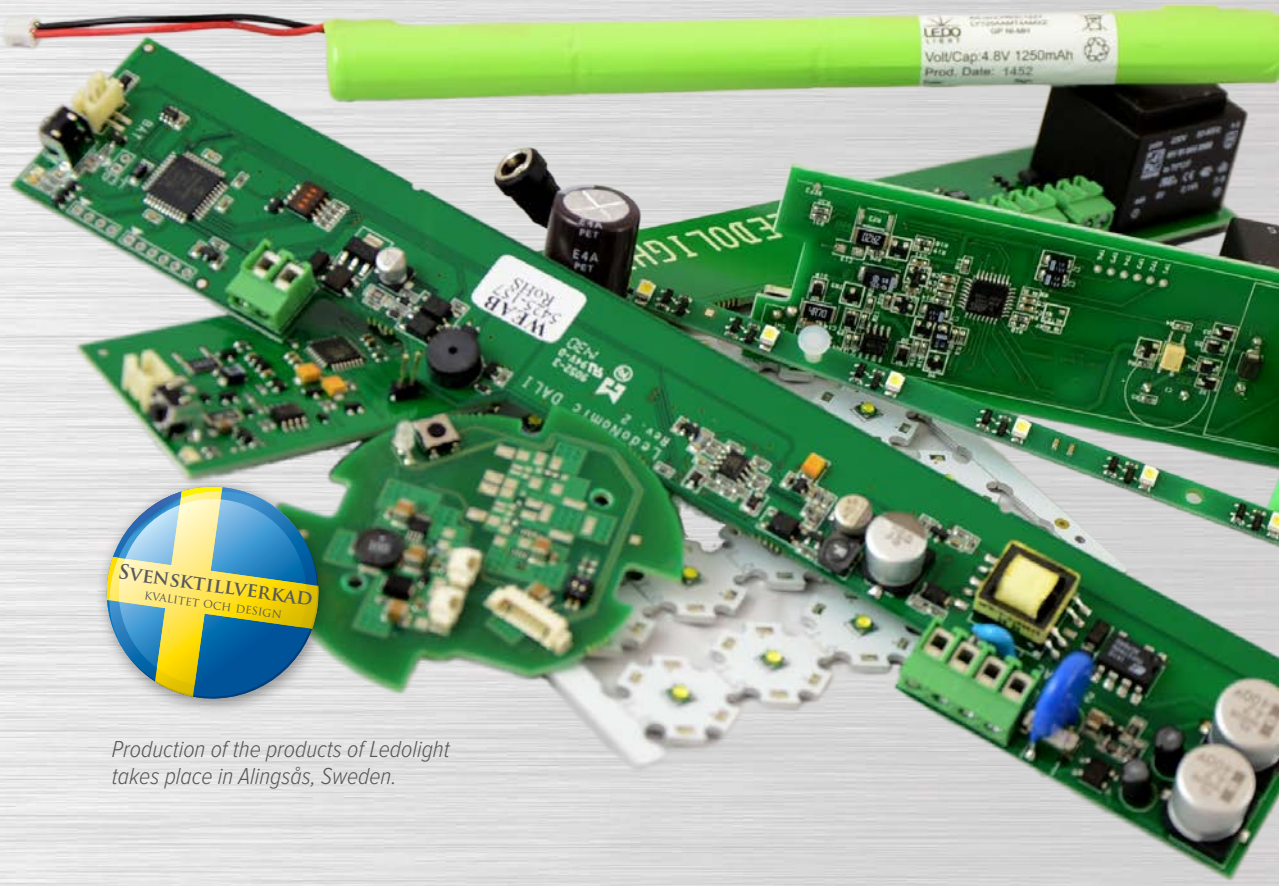
LEDONOMIC LL-052

LEDONOMIC LONGLIFE LL-054

LEDOBASIC LL-051

Order key

Designation	Type no.
BATTERY NiMh 4,8V 1150mAh after 2008-01 Ledosafe	LL-048
BATTERY NiMh 4,8V 1150mAh before 2008-01 Ledosafe	LL-049
BATTERY NiMh 3,6V 1150mAh Ledobright	LL-050
BATTERY NiMh 4,8V 1250mAh Ledonomic	LL-052



Production of the products of Ledolight takes place in Alingsås, Sweden.

RELIABLE – STYLISH DESIGN – LOW OPERATING COSTS

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