

B.E.G. SAFETYLUX®



SAFETYLUX® LED – Emergency Lights using the latest DALI bus technology.

The new LED emergency lights with practical comfort functions

The new generation of Safetylux emergency lights was optimized by B.E.G. lighting experts. The result is a bright and very uniform LED light illumination of the escape route symbol. The new electronics and software now provide a wide and extensive list of functions, including the integrated automatic test function. A special highlight is the variety of convenient maintenance options for emergency lights.

Settings, test results and faults can be quickly read on the emergency light via LEDs or via the read out on the BEG operated smartphone app. Among other things, the app will include the latest test results, version and part number will be displayed.

Likewise, many settings such as the time of automatic tests can be configured.

All of this makes it much easier, particularly in smaller properties without their own emergency lighting bus system, to meet the legally required inspection and documentation obligations.





- Energy saving technology
- Long life / no lamp replacement
- Environmentally friendly production
- Very good illumination



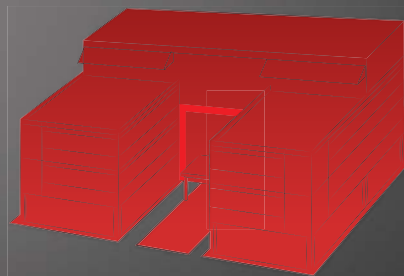
- Automatic self-test
- No manual examination necessary
- Only monthly and visual inspection
- Great time and cost savings



- Bidirectional B.E.G. Smartphone App
- Readable with the smartphone
- Settings via smartphone
- Functions immediately after installation.



- DALI bus monitor
- With B.E.G. DALISYS common monitoring of emergency lights, lights and B.E.G.- DALISYS components such as multi-sensors
- No visual control
- Monthly check on PC or smartphone incl. automatic documentation



SAFETYLUX® Diamant DT32 LED

- LED escape sign luminaire with single battery
- Slim aluminum housing
- Pictogram with very bright and even illumination
- Bidirectional remote control with B.E.G. smartphone app
- Automatic self-test with two colored status LEDs
- Optionally with central monitoring B.E.G. DALISYS

Technical data

- Visibility range: 32 m
- Illuminant: LED board 12 x 0.5 W
- Battery: NiMh 3.6 V
- Lighting time: 3 h emergency light
- Dimensions: L 356 mm x B 50 mm x H 281 mm
- Ambient temperature: 0° to +35° C
- Degree / class of protection: IP20 / II
- Mounting: False ceiling mounting
- Housing: Aluminum profile
Side panels UV-resistant polycarbonate, white
- Test: automatic self-test (SC)
central DALI monitoring
- Remote control: IR adapter for smartphones



Variants



DT32 / 6 / 3SC-LED

1207

356 x 50 x 281 mm, automatic self-test

DT32 / 6 / 3DALI-LED

1210

356 x 50 x 281 mm, DALI

SAFETYLUX® Classic-2DN LED

- LED escape sign luminaire with single battery
- Robust plastic housing IP54
- Pictogram with very bright and even illumination
- Bidirectional remote control with B.E.G. smartphone app
- Automatic self-test with two colored status LEDs
- Optionally with central monitoring B.E.G. DALISYS

Technical data

- Visibility range: 14 / 32 m
- Illuminant: LED board 12 x 0.5 W
- Battery: NiMh 3.6 V
- Lighting time: 3 h emergency light
- Dimensions: L 359 mm x B 90 mm x H 105 / 215 mm
- Ambient temperature: 0° to +35° C
- Degree / class of protection: IP54 / II
- Mounting: Wall and false ceiling mounting
- Housing: UV-resistant polycarbonate, white
- Test: automatic self-test (SC)
central DALI monitoring
- Remote control: IR adapter for smartphones



Variants



2DN14 / 6 / 3SC-LED 1200

359x90x105 mm, automatic self-test

2DN14 / 6 / 3DALI-LED 1201

359x90x105 mm, DALI

2DN32 / 6 / 3SC-LED 1206

359 x 90 x 215 mm, automatic self-test

2DN32 / 6 / 3DALI-LED 1215

359 x 90 x 215 mm, DALI



SAFETYLUX® Portable LED

- LED safety hand spotlight
- Luminous head can be swiveled 120 ° vertically
- Extremely powerful LED headlamp with a beam range of up to 150 m (> 1 lx)
- Environmentally friendly NiMH battery with deep discharge protection
- Charging part integrated in the floodlight

Technical data

- Illuminant: Spotlight: Power LED with reflector 10W
Ambient / flashing light:
LED board 10 x 0.25 W
- Range: ≈150 m (>1 Lux)
- Battery: NiMH 4.8 V
- Useful life: 3 h head light
12 h secondary light
- Dimensions: L 166 mm x B 125 mm x H 252 mm
- Ambient temperature: 0° to +30° C
- Degree / class of protection: IP54 / II
- Housing: UV-resistant polycarbonate, grey / red



Safety to go



The portable B.E.G. Emergency light SAFETYLUX® Portable LED was equipped with modern LED technology. The integrated battery with deep discharge protection enables a 3h operation of the main light and 12h operation of the secondary light. The charging unit is integrated directly into the luminaire and the charging cable can also be found there. If the light is connected to the mains, the emergency light automatically activates in the selected operating mode in the event of a power failure. The swiveling light head can be individually aligned so that the required area is illuminated even when the light is switched off.

The Portable LED offers three different operating modes, which can be selected with the supporting hand via switch on the light head. This makes the luminaire ideal for most work and emergency situations.

With the extremely powerful 10 watt LED spotlight, large distances of up to 150 m can be specifically illuminated. The uniform illumination of rooms or larger areas is made possible by an LED ring. To point out far-reaching danger spots, the LED ring has a flashing light function.

Optionally a suitable filter assortment in the colors yellow / red / green is available.

Variants

SAFETYLUX® Portable LED	93120
166 x 125 x 252 mm, grey	
SAFETYLUX® Portable LED	93121
166 x 125 x 252 mm, red	

DATA CONTROL N

- Central control unit for emergency lights by DALI bus
- DALISYS router with integrated web server
- DALI power supply with integrated application controller for addressing
- Central monitoring and adjustment of emergency lights
- Automatic generation of standardized test reports
- Operable via compatible web browsers of any end devices

Technical data

- Voltage: 230 V AC -15 %, +10 % 50 / 60 Hz
- Output voltage: 16 V DC
- Current: max. 210 mA
- Power consumption: max. 10 W
- Dimensions: L 295 mm x B 129 mm x H 333 mm
- Degree / class of protection: IP65 / II
- Parameterization: Web application in B.E.G. DALI router



Central emergency lighting management via DALISYS



All ceiling / wall emergency lights are optionally available with DALI interface. These can be used to integrate the emergency lights in B.E.G. DALISYS. The otherwise cumbersome commissioning of DALI emergency lights is solved very simply, because the DALI address of the emergency light can be read via the remote control app.

LOG

R.S.E. Nova Elettronica GmbH
LUDWIGS-STR. 10
MÜNCHEN 80469-DEU

Emergency Light Status Report

Date: 06.02.2018 09:06:04

Receiver Name: RSL 5005, CHENGLU, X

Name: EL-3

Address: unlinked

LOG DATE: 05.02.2018 17:01:08
FUNCTION TEST ON: FUNCTION TEST ON
FUNCTION TEST OFF: FUNCTION TEST OFF

LAST EMERGENCY TEST

DATE: 05.02.18
TIME: 18:41:14
DURATION: 00:01:10

COMMON DATA

EMERGENCY TEST MODULE: 0 mA
BATTERY CHARGE: 100

CHARGE MODE: Normal
TOTAL LAMP OPERATION TIME: 100 h

LAMP OPERATION TIME: 1 h
FUNCTION TEST DEFERRING: 28 days
FUNCTION TEST INTERVAL: 12 weeks

Name: EL-4

Address: unlinked

LOG DATE: 05.02.2018 17:01:08
FUNCTION TEST ON: FUNCTION TEST ON
FUNCTION TEST OFF: FUNCTION TEST OFF

LAST EMERGENCY TEST

DATE: 05.02.18
TIME: 18:41:14
DURATION: 00:01:10

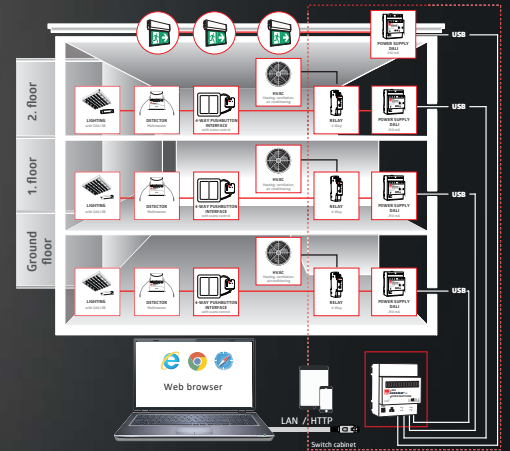
COMMON DATA

EMERGENCY TEST MODULE: 0 mA
BATTERY CHARGE: 100

CHARGE MODE: Normal
TOTAL LAMP OPERATION TIME: 27 h

LAMP OPERATION TIME: 1 h
FUNCTION TEST DEFERRING: 28 days
FUNCTION TEST INTERVAL: 12 weeks

All system emergency lights can then be conveniently displayed on the PC, tablet or smartphone via the web interface and the (automatically performed) test results can be viewed and output as PDF files. The test times can be set in the system, so that, for example, the routine tests take place after hours.



The B.E.G. LED emergency lights assortment



B.E.G. UK Ltd

Apex Court – Grove House, Camphill Road T 0 870 850 5412 info@beguk.co.uk
West Byfleet, Surrey KT14 6SQ F 0 870 850 5413 beg-luxomat.com