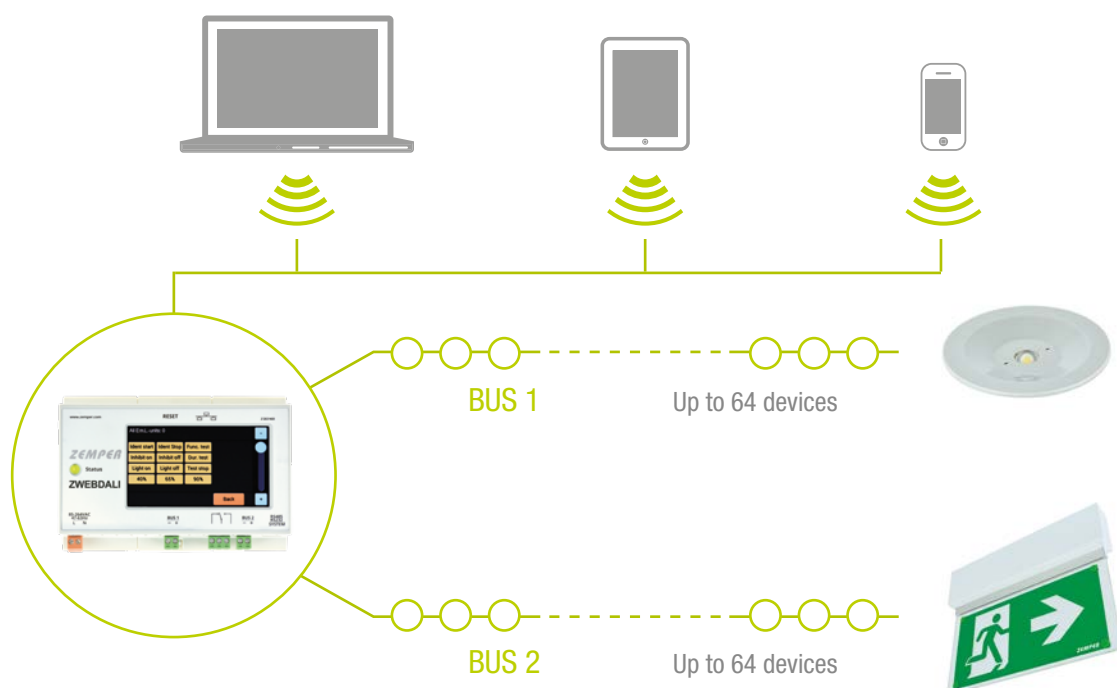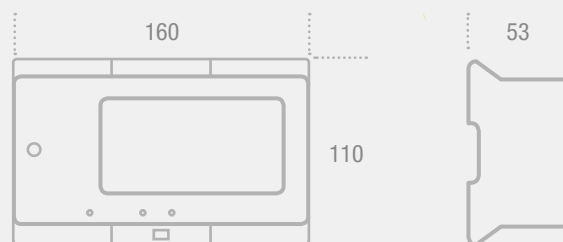ZEMPER

ZWEB**DALI** Digital Addressable
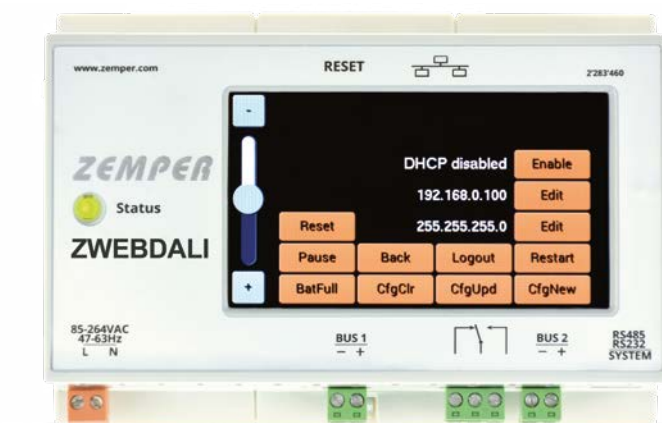**Emergency Lighting**
Interface

ZWEBDALI

USB 4.3"

Features

- 4.3" touchscreen display control unit
- Ethernet interface and integrated web server
- Possibility to connect 128 DALI units
- Possibility to extend using ZWEBDALI slave units connected on the same Intranet
- Monitoring the installation in a Navigator Software (WEB ACCESS)
  - Device List
  - Unit Information
  - Fault List

- Test Record (Duration, Lamp) and Test Configuration
- Installation's Configuration
  - Parameter Modification
  - Groups Configurator
- General Configuration (Network, Mail Config, Add/Delete Emergency Luminaires, etc)
- Password protected for administrators
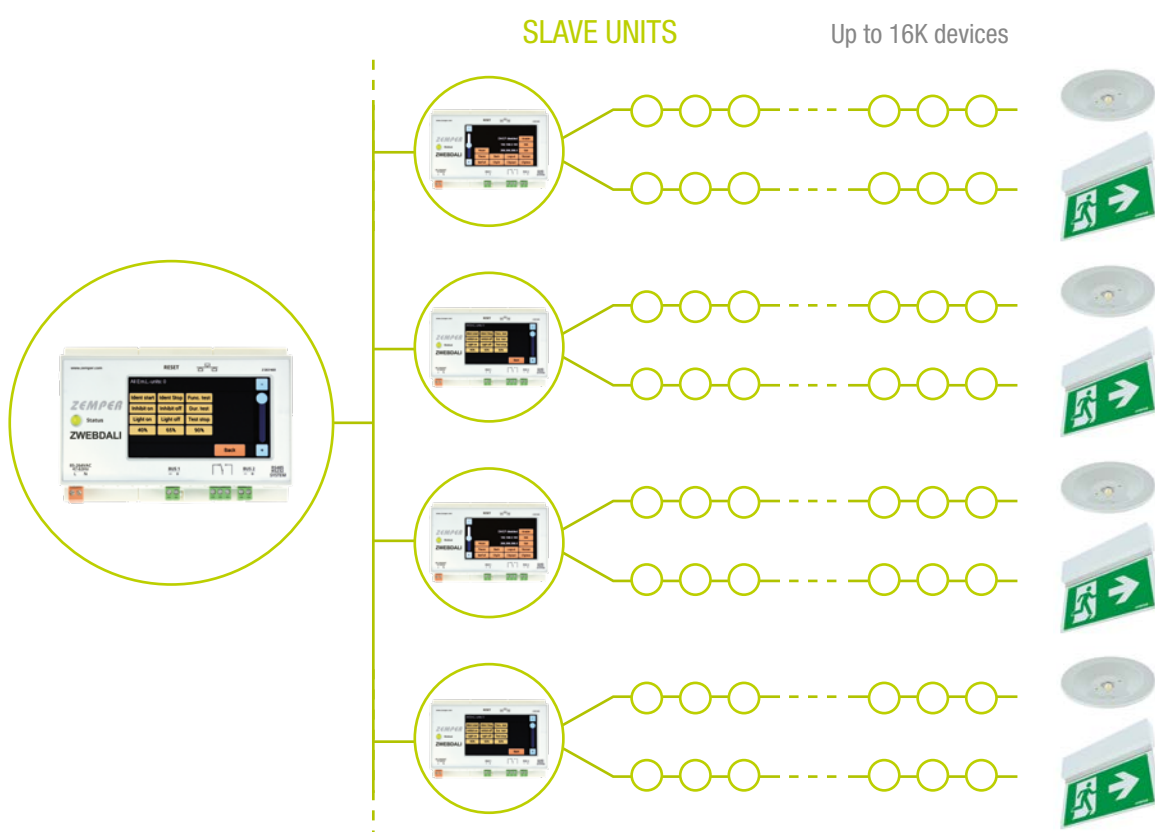- View reports
- Export and saving reports

160   53   110

BUS 1   Up to 64 devices

BUS 2   Up to 64 devices

Ref.: ZWEBDALI

Key Features

- ZWEBDALI is supervision control unit working as a webserver connected to any LAN-NETWORK by TCP-IP protocol

- Most simple way to create an initial installation or upgrade it as well considering that ZWEBDALI unit will automatically detect the units connected in the installation.

- All luminaire information such as Installation date, Serial number, Test information, Battery status, Emergency Information (status, mode, features, gear status) and much more

- Disable supervision option, Bus Address, Group, Test day modification is also possible

- Faults selection to mail and single orders (Status, Identification, Duration Test, Function Test..)

- All Device, Test Records and Fault lists with plenty of information

- Up to 1000 faults can be recorded and possibility to export data

- Extended to 127 slave units - up to 16K

SLAVE UNITS   Up to 16K devices

DALI HIGHLIGHTS

SIMPLIFIED INSTALLATIONS
Power lines and control lines can be laid together in the same cable. Topology with DALI is free. The wiring may be serial, parallel, star or mixed.

FLEXIBILITY
Group assignment is set up as request.
Totally independent of hard wiring.

NO POLARITY
There is no need to worry about the polarity (+/-) of the DALI control line.

STATUS FEEDBACK
Status reports can be transferred directly to a higher-ranking system.

INTELLIGENCE
DALI uses a system of distributed intelligence;
Controllers communicate with intelligent control gears.
Each controller operates as a "master"
Control gears react only as "slaves" at the request of the "master"
Certain parameters are stored directly in the DALI unit (e.g. tests results, group address).

DALI TECHNICAL PERFORMANCES

· MAX no. of groups per bus =16

· DALI VOLTAGE = 9.5V – 22V , typically = 16V

· DALI CURRENT= Max. 250 mA (depending on the installed DALI power supply)

· DATA TRASFER BAUD RATE= 1200

· MAX CABLE LENGTH = Approx. 300 meters for a cross-section 1.5m2

DALI TESTING & FEEDBACK

· Status of the battery

· Status of the lamp

· Charge condition

· Function test

· Lamp change

· Battery change info

· Installation date

· Emergency status

(IP40) (IK04) (LED 4000ºK) (1-3h.) (LiFePO₄) (850º)

SPAZIO
ROUND / SQUARE

Features

· Compatible with DALI control unit to control, test and monitor emergency lighting

· Applications: Indoor. Decorative. Architectural.

· Batteries: LiFePO4

· Work type: Maintained / Non Maintained

· Two lens options:
· Escape Route Lighting (LED D)
· Open Area / Anti-panic Lighting (LED R)
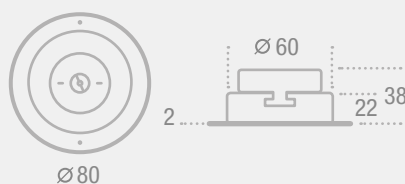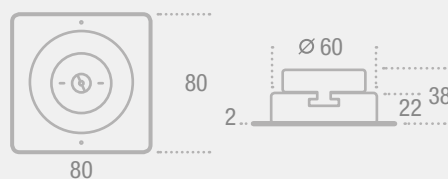
· LED 4000ºK

· Colours: White and Black

SPAZIO

Im.	Type*	Dur.	Battery	Ref.
200	M/NM	1 h.	3,2V 1,5A/h LFP	LSR3180LAP
200	M/NM	1 h.	3,2V 1,5A/h LFP	LSR3181LAP
200	M/NM	1 h.	3,2V 1,5A/h LFP	LSQ3180LAP
200	M/NM	1 h.	3,2V 1,5A/h LFP	LSQ3181LAP
200	M/NM	3 h.	3,2V 3A/h LFP	LSR3180LAP3
200	M/NM	3 h.	3,2V 3A/h LFP	LSR3181LAP3
200	M/NM	3 h.	3,2V 3A/h LFP	LSQ3180LAP3
200	M/NM	3 h.	3,2V 3A/h LFP	LSQ3181LAP3

*M/NM: Same working as Maintained luminaire, with a third terminal which allows to switch off the luminaire when connected to mains supply.
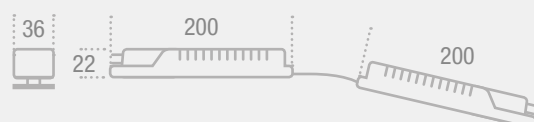
Spazio LSR

Ø 60
2
22
38
Ø 80

Spazio LSQ

80
Ø 60
2
22
38
80

Electronics and Battery

36
22
200
200

KONS

850° | LiFePO₄ | 29m. | 1-3h. | LED 4000°K | IK04 | IP42

Features

· Compatible with DALI control unit to control, test and monitor emergency lighting

· Applications: Indoor. Decorative

· Batteries: LiFePO4

· Work type: Maintained / Non Maintained

· Single/double sided exit sign

· Mounting options: Surface ceiling, flag wall and surface wall
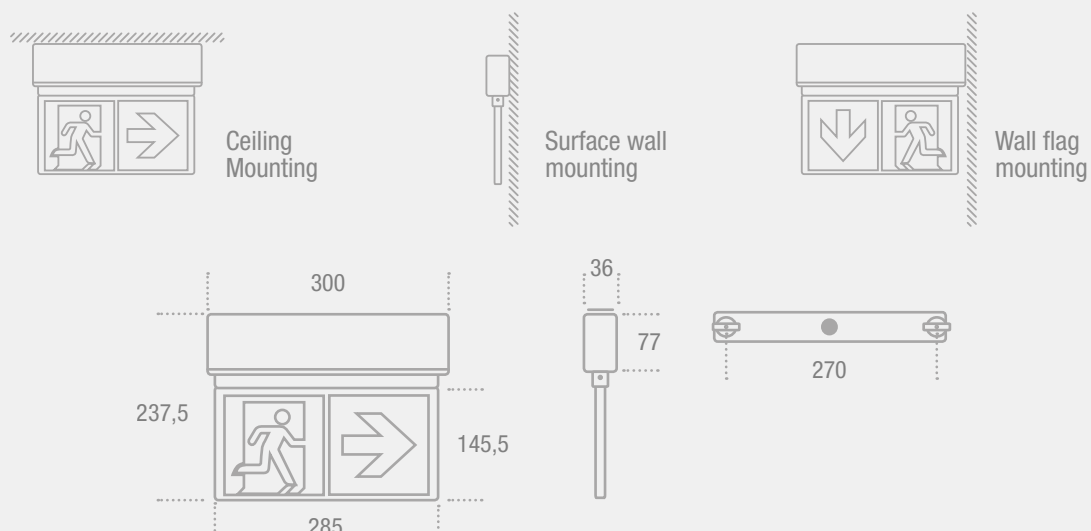
· Maximum viewing distance: 29m

KONS

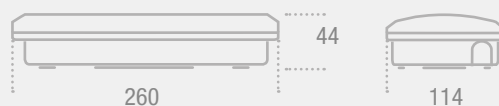| Vision Dist.	Type*	Dur.	Battery	Ref.
29m	M/NM	1 h.	3,2V x 1,5A/h LFP	LKS3070LAP
29m	M/NM	3 h.	3,2V x 3,0A/h LFP	LKS3070LAP3

*M/NM: Same working as Maintained luminaire, with a third terminal which allows to switch off the luminaire when connected to mains supply.

It is supplied with a complete set of pictograms:

Ceiling Mounting

Surface wall mounting

Wall flag mounting

300

237,5

285

145,5

36

77

270

(IP42 IP65) (IK04 IK10) (LED 4000°K) (1–3h.) (LiFePO₄) (850°)

DIANA FLAT

Features

· Compatible with DALI control unit to control, test and monitor emergency lighting

· Applications: Indoor / Weatherproof Outdoor. Decorative. Architectural.

· Batteries: LiFePO4

· Work type: Maintained / Non Maintained

· Mounting plate for quick instalation

· LED 4000ºK

DIANA FLAT

lm.	Type*	Aut.	Battery	Ref.
300 lm	M/NM	1 h.	3,2V 1,5A/h LFP	LDF3300LAP
250 lm	M/NM	3 h.	2 x 3,2V 1,5A/h LFP	LDF3300LAP3

*M/NM: Same working as Maintained luminaire, with a third terminal which allows to switch off the luminaire when connected to mains supply.
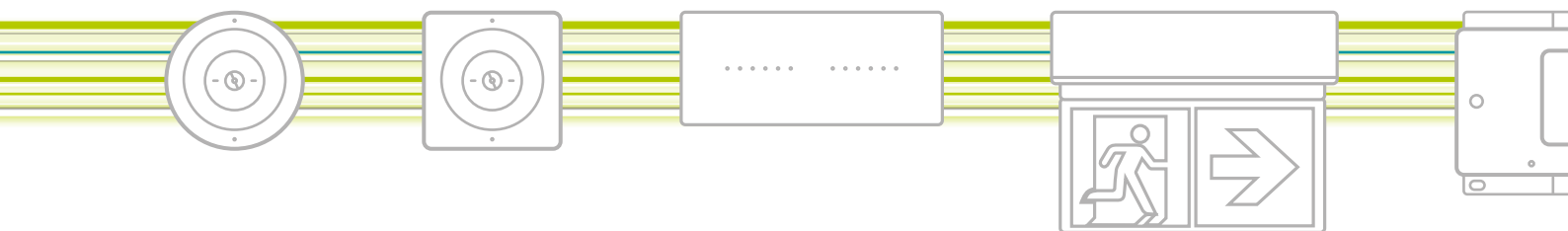
ACCESSORY

AMD0051
Accessories for recessed mounting into celling (white colour)

Diana Flat

44

260

114

Recessed Diana Flat

273

123

40

15

ZEMPER