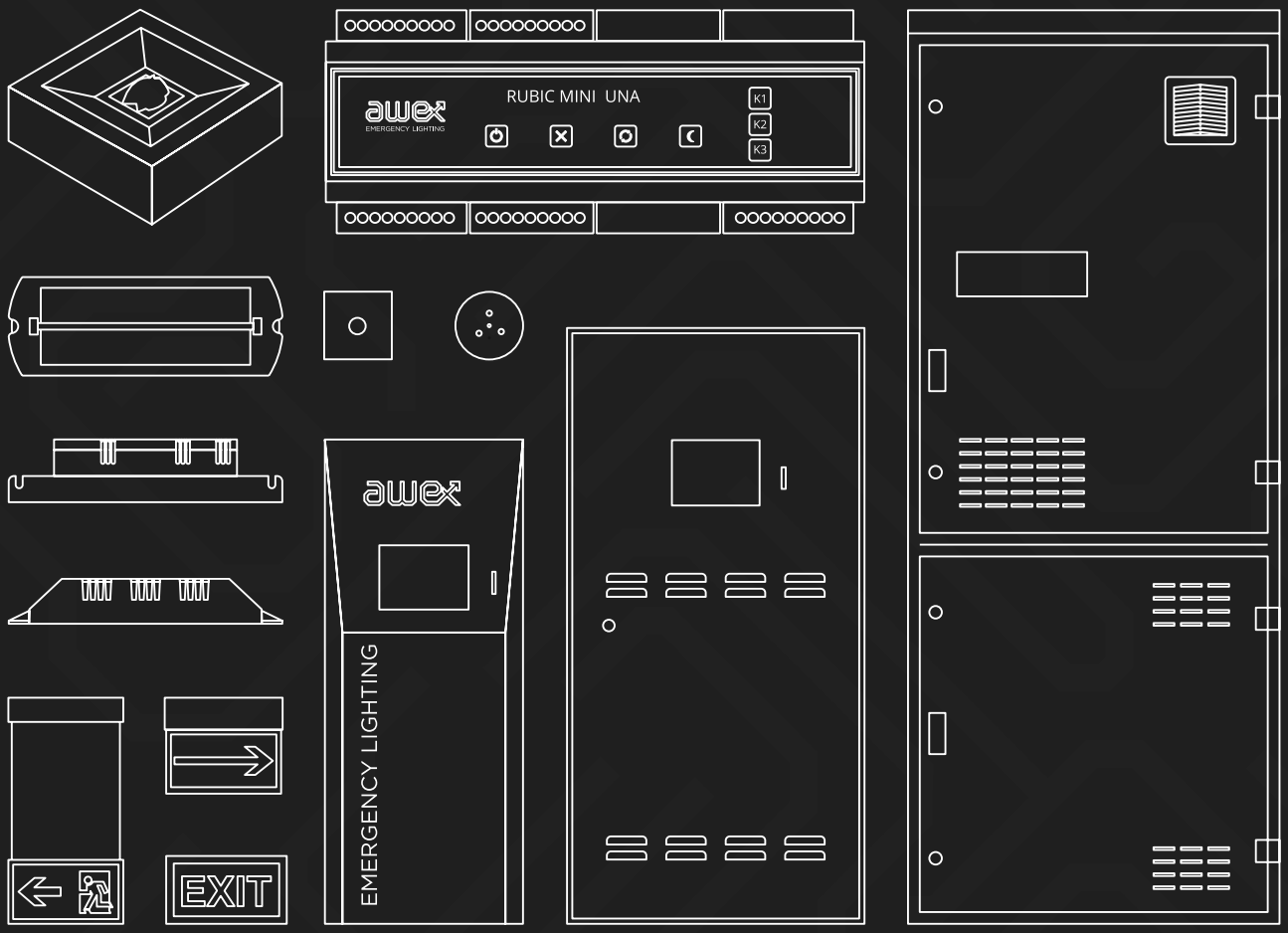
EMERGENCY LIGHTING

GENERAL CATALOG

VER. 14.2





Awex brand has been existing in the emergency lighting sector since 2002, invariably fulfilling its clearly defined mission: top-quality state-of-the-art products and customer satisfaction. We offer the full range of emergency lighting devices in compliance with all the European standards. Within 10 years of our market presence, we gained the leading position in the industry thanks to the involvement of knowledge, means, cooperation with best specialists, including research facilities, and investments in innovative projects. Awex means the latest technologies, experienced team of designers and engineers, top quality, reliable equipment, diversity of offer, unique design, unlimited productivity and unblemished reputation supported by references. The biggest award is satisfied and trusted customers. We also enjoy the recognition of independent experts. We were awarded the title of the "Export Leader 2006" for our business volume, and the Puls Biznesu awarded us twice with the "Business Gazelles" prize as one of the most dynamically developing companies in Poland.

PROFESSIONAL PERSONNEL

We employ the best specialists in many different fields for whom we ensure constant improvement in qualifications by specialist trainings. The company's design department provides flexible design of individual orders and the team of highly qualified engineers ensures continuous technological progress of offered equipment. The use of modern information flow methods within the company ensures that the offer and functionality of products is updated on an ongoing basis. The efficient project management allows building permanent and trust-based relationships with customers.

INVESTMENTS

We use the latest world technologies to guarantee quality, precise workmanship, optimised technological process, and work ergonomics. We invest time and means so that every stage of manufacturing our products contributes to meeting any expectations of our customers.

TESTS

The research and development works ensure that our offer is constantly updated according to development trends in the industry, and thus we can supply the most modern, multifunctional and technologically advanced products.

WE TAKE CARE OF THE ENVIRONMENT

We offer the environment-friendly products and the manufacturing process meets strict EU standards.

QUALITY WARRANTY

With the aim of fulfilling the company's mission, we implemented the quality management system according to EN ISO 9001:2008, and the certificate issued by TÜV NORD ensures top quality of design, manufacture, assembly and servicing of emergency lighting equipment.



CERTIFICATE TÜV NORD

Management system as per
EN ISO 9001 : 2008

In accordance with TÜV NORD CERT procedures, it is hereby certified that

PPHU AWEX Rafał Stanuch
Masłomiąca, ul. Długa 39
PL / 32-091 Michałowice

awex EMERGENCY LIGHTING

applies a management system in line with the above standard for the following scope:

Design, production, assembly and service of emergency lightning installations.

Certificate Registration No: 44 100 073016
Audit Report No.: PL2628/2013

Valid until: 2016-02-07
Initial certification: 2007-02-08

Certification Body
at TÜV NORD CERT GmbH

Katowice, 2013-02-08

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures and is subject to regular surveillance audits.

TÜV NORD CERT GmbH Langemarckstrasse 20 45141 Essen www.tuev-nord-cert.com

IAF

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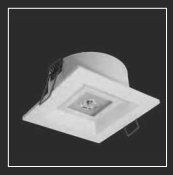
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AXN


AXP


LOVATO N

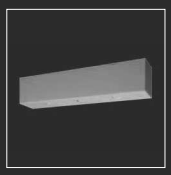

LOVATO P


EYE LED ROUND


EYE LED SQUARE


EYE


SPY


INFINITY PO


HELIOS LED


HELIOS


EMX


TIGER LED


TIGER


PANORAMA & PANORAM LED


OUTDOOR LED


SQUARE


TWISTER


HERMETICA

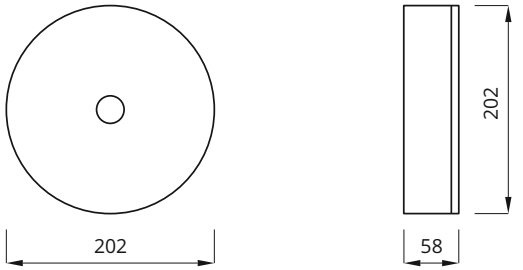

JOBLED

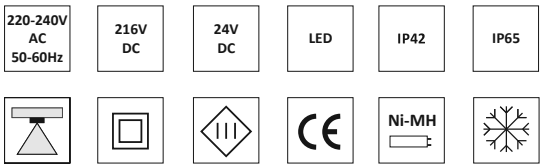
EMERGENCY ESCAPE LIGHTING

AXN



MATERIALS:
White polycarbonate body
MOUNTING:
Surface (ceiling)
POWER SUPPLY:
Self contained – 220÷240VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
O 1W (118lm), C 1W (114lm) or
O 3W (283lm), C 3W (287lm) or
O 6W (575lm), C 6W (600lm) power LED
Escape route or open area optics
CHARGING:
Maximum 12h; energy-saving electronic impulse charger
AUTONOMY AND BATTERIES:
1h, 2h, 3h or 8h, Ni-MH batteries
INSULATION CLASS:
II
IP RATING:
IP42 or IP65
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class of insulation of FZLV version
Optional adaptation of the fixture for low temperatures up to -25°C





SELF CONTAINED CONFIGURATION

CODE	POWER [W]			AUTONOMY [h]				MODE		OPTION	
AXNC	1	3	6	1	2	3	8*	SE	SA	AT	RS
AXNO	1	3	6	1	2	3	8*	SE	SA	AT	RS
AXENC	1	3	6	1	2	3	8*	SE	SA	AT	RS
AXENO	1	3	6	1	2	3	8*	SE	SA	AT	RS

*AVAILABLE WITH 1W VERSION ONLY

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]			SYSTEM	OPTION		
AXNC	1	3	6	CB	CBS	ADS	ADL
AXNO	1	3	6	CB	CBS	ADS	ADL
AXENC	1	3	6	CB	CBS	ADS	ADL
AXENO	1	3	6	CB	CBS	ADS	ADL

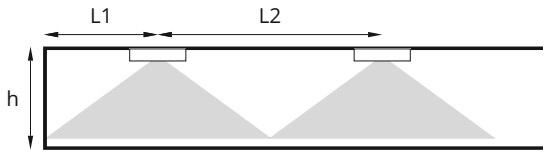
FZLV SYSTEM CONFIGURATION

CODE	POWER [W]			SYSTEM
AXNC	1	3	6	FZLV
AXNO	1	3	6	FZLV
AXENC	1	3	6	FZLV
AXENO	1	3	6	FZLV

Legend:
SE – non maintained
SA – maintained
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
AXNO – fixture AXN IP65 with optics for open area
AXNC – fixture AXN IP65 with optics for escape route
AXENO – fixture AXN IP42 with optics for open area
AXENC – fixture AXN IP42 with optics for escape route

EMERGENCY ESCAPE LIGHTING

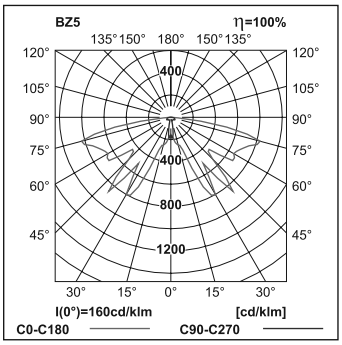
Photometry



L1 – distance from the wall to the first fixture
L2 – distance between fixtures
h – height of the ceiling



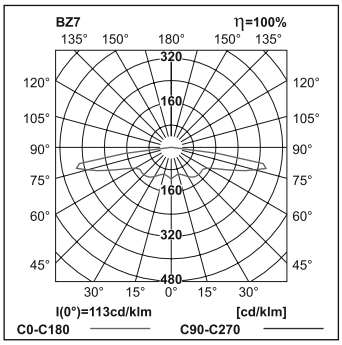
AXNC – LED 1W (114lm) with optics for escape route



AXNC 1W – avg 1lx

h [m]	L1	L2
2,50	6,50	13,00
3,00	6,50	15,00
3,50	6,50	15,00
4,00	6,50	16,00
4,50	5,50	16,00
5,00	5,50	15,00
6,00	5,50	9,00
7,00	5,50	6,00
8,00	5,50	6,00

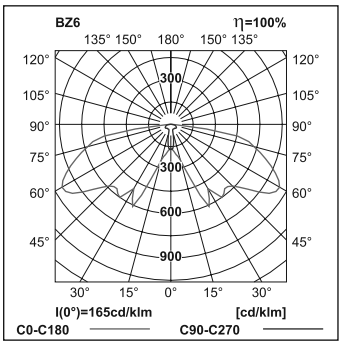
AXNO – LED 1W (118lm) with optics for open area



AXNO 1W – min 0,5lx

h [m]	L1	L2
2,50	3,00	12,00
3,00	3,00	12,00
3,50	3,00	12,00
4,00	3,00	12,00
4,50	3,00	12,00
5,00	3,00	11,50
6,00	2,50	10,50
7,00	2,00	9,00
8,00	2,00	8,00

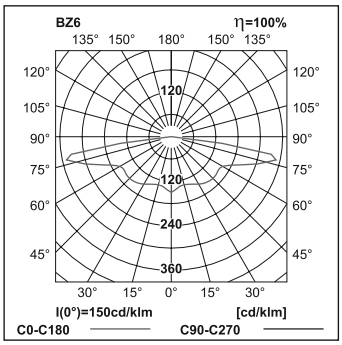
AXNC – LED 3W (287lm) with optics for escape route



AXNC 3W – avg 1lx

h [m]	L1	L2
2,50	7,00	18,00
3,00	8,00	20,00
3,50	9,00	21,00
4,00	9,50	22,00
4,50	10,00	23,00
5,00	10,50	24,00
6,00	11,00	25,00
7,00	10,50	27,00
8,00	9,50	25,00
9,00	9,00	23,00
10,00	7,00	19,00

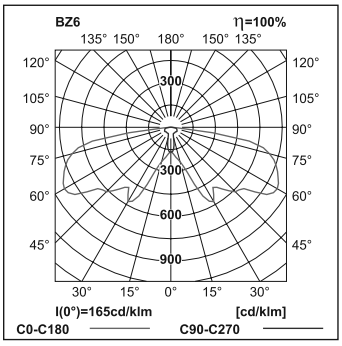
AXNO – LED 3W (283lm) with optics for open area



AXNO 3W – min 0,5lx

h [m]	L1	L2
2,50	4,00	16,00
3,00	5,00	17,00
3,50	5,00	17,00
4,00	5,00	17,50
4,50	5,00	17,50
5,00	5,00	17,50
6,00	5,00	18,00
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8,00	5,00	18,00
9,00	5,00	18,00
10,00	4,00	17,00

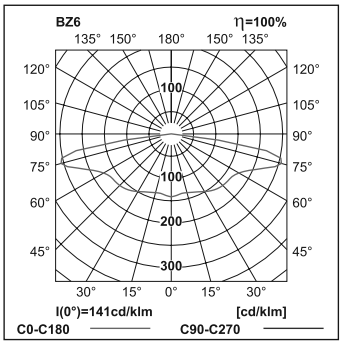
AXNC – LED 6W (600lm) with optics for escape route



AXNC 6W – avg 1lx (SE mode)

h [m]	L1	L2
2,50	11,00	24,00
3,00	12,00	26,00
3,50	12,50	27,00
4,00	12,50	29,00
4,50	13,00	30,00
5,00	13,50	31,00
6,00	14,50	33,00
7,00	15,00	34,00
8,00	15,50	36,00
9,00	15,50	37,00
10,00	15,50	38,00
11,00	13,50	39,00
12,00	12,50	39,00

AXNO – LED 6W (575lm) with optics for open area



AXNO 6W – min 0,5lx (SE mode)

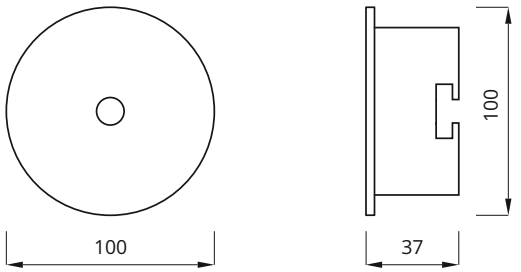
h [m]	L1	L2
2,50	8,00	18,00
3,00	8,00	20,00
3,50	8,00	21,00
4,00	8,00	22,00
4,50	8,00	23,00
5,00	8,00	23,50
6,00	8,00	24,00
7,00	8,00	24,00
8,00	8,00	25,00
9,00	8,00	25,00
10,00	8,00	25,00
11,00	8,00	25,00
12,00	7,00	25,00

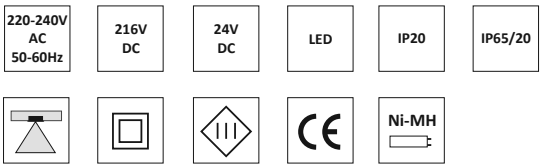
EMERGENCY ESCAPE LIGHTING

AXP

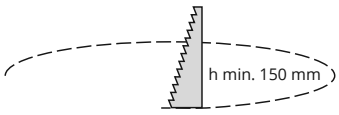


MATERIALS:
White polycarbonate body
MOUNTING:
Recessed (ceiling)
POWER SUPPLY:
Self contained – 220÷240VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
O 1W (118lm), C 1W (109lm) or
O 3W (285lm), C 3W (265lm) or
O 6W (616lm), C 6W (523lm) power LED
Escape route or open area optics
CHARGING:
Maximum 12h; energy-saving electronic impulse charger
AUTONOMY AND BATTERIES:
1h, 2h, 3h or 8h, Ni-MH batteries
INSULATION CLASS:
II
IP RATING:
IP20 or IP65/20
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class of insulation of FZLV version





Dimension of assembly hole Ø 80mm



SELF CONTAINED CONFIGURATION

CODE	POWER [W]			AUTONOMY [h]				MODE		OPTION	
AXPC	1	3	6	1	2	3	8*	SE	SA	AT	RS
AXPO	1	3	6	1	2	3	8*	SE	SA	AT	RS
AXEPC	1	3	6	1	2	3	8*	SE	SA	AT	RS
AXEPO	1	3	6	1	2	3	8*	SE	SA	AT	RS

*AVAILABLE WITH 1W VERSION ONLY

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]			SYSTEM	OPTION		
AXPC	1	3	6	CB	CBS	ADS	ADL
AXPO	1	3	6	CB	CBS	ADS	ADL
AXEPC	1	3	6	CB	CBS	ADS	ADL
AXEPO	1	3	6	CB	CBS	ADS	ADL

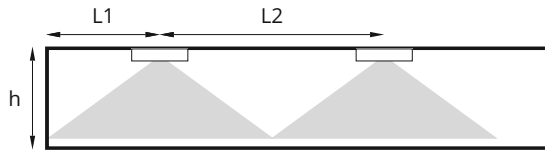
FZLV SYSTEM CONFIGURATION

CODE	POWER [W]			SYSTEM
AXPC	1	3	6	FZLV
AXPO	1	3	6	FZLV
AXEPC	1	3	6	FZLV
AXEPO	1	3	6	FZLV

Legend:
SE – non maintained
SA – maintained
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
AXPO – fixture AXP IP65/20 with optics for open area
AXPC – fixture AXP IP65/20 with optics for escape route
AXEPO – fixture AXP IP20 with optics for open area
AXEPC – fixture AXP IP20 with optics for escape route

EMERGENCY ESCAPE LIGHTING

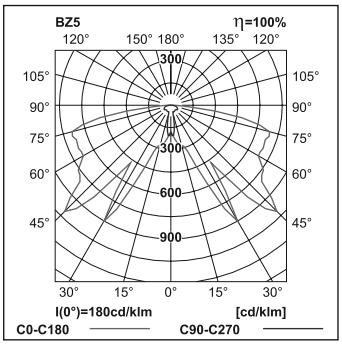
Photometry



L1 – distance from the wall to the first fixture
L2 – distance between fixtures
h – height of the ceiling



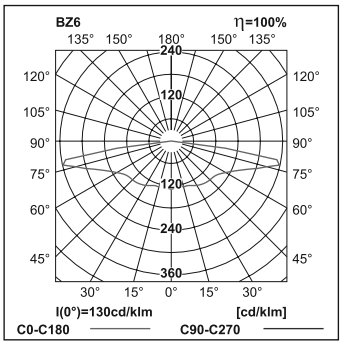
AXPC – LED 1W (109lm) with optics for escape route



AXPC 1W – avg 1lx

h [m]	L1	L2
2,50	6,00	13,00
3,00	6,00	14,50
3,50	6,50	15,00
4,00	6,50	15,00
4,50	6,50	16,00
5,00	6,50	16,00
6,00	5,50	9,00
7,00	5,50	6,00
8,00	5,50	6,00

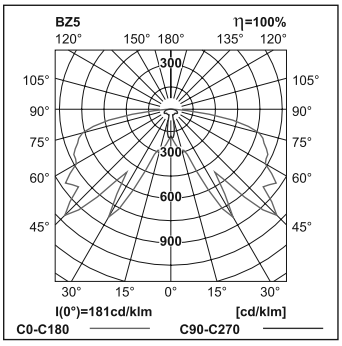
AXPO – LED 1W (118lm) with optics for open area



AXPO 1W – min 0,5lx

h [m]	L1	L2
2,50	4,00	11,00
3,00	3,00	12,00
3,50	3,00	12,00
4,00	3,00	12,00
4,50	3,00	12,00
5,00	3,00	12,00
6,00	3,00	11,50
7,00	2,50	10,00
8,00	2,00	9,00

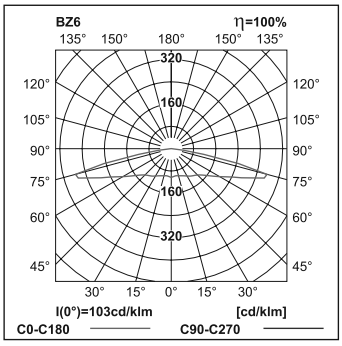
AXPC – LED 3W (265lm) with optics for escape route



AXPC 3W – avg 1lx

h [m]	L1	L2
2,50	8,00	18,00
3,00	8,50	19,00
3,50	9,00	20,00
4,00	9,00	23,00
4,50	9,50	23,00
5,00	9,50	23,00
6,00	9,50	24,00
7,00	10,50	24,00
8,00	10,50	24,00
9,00	9,00	22,00
10,00	8,00	17,00

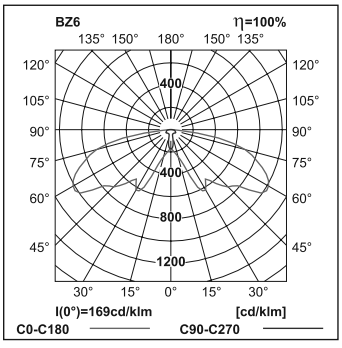
AXPO – LED 3W (285lm) with optics for open area



AXPO 3W – min 0,5lx

h [m]	L1	L2
2,50	8,00	15,50
3,00	7,00	17,00
3,50	6,50	17,00
4,00	6,50	17,50
4,50	6,00	18,50
5,00	6,00	18,00
6,00	6,00	18,00
7,00	5,50	18,00
8,00	5,00	18,00
9,00	4,00	18,00
10,00	3,00	18,00

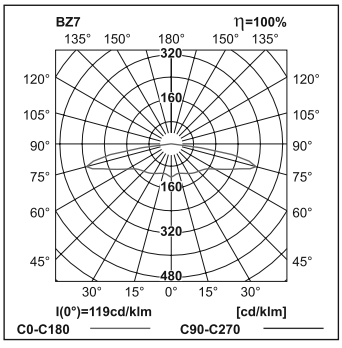
AXPC – LED 6W (523lm) with optics for escape route



AXPC 6W – avg 1lx (SE mode)

h [m]	L1	L2
2,50	10,50	22,00
3,00	10,50	23,00
3,50	12,00	26,00
4,00	12,50	29,00
4,50	13,00	29,00
5,00	13,50	31,00
6,00	14,50	32,00
7,00	15,00	34,00
8,00	15,50	36,00
9,00	15,50	37,00
10,00	15,50	38,00
11,00	13,50	37,00
12,00	12,50	39,00

AXPO – LED 6W (616lm) with optics for open area



AXPO 6W – min 0,5lx (SE mode)

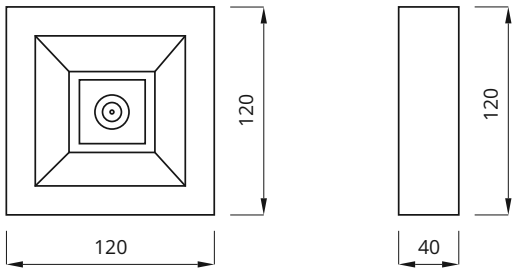
h [m]	L1	L2
2,50	8,00	19,50
3,00	8,50	21,50
3,50	9,00	23,00
4,00	9,00	24,00
4,50	9,00	25,00
5,00	8,00	26,00
6,00	8,00	27,00
7,00	8,00	27,00
8,00	8,00	27,00
9,00	7,00	27,00
10,00	7,00	27,00
11,00	7,00	26,00
12,00	7,00	25,00

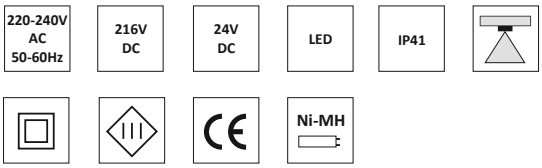
EMERGENCY ESCAPE LIGHTING

LOVATO N



MATERIALS:
White, grey or black polycarbonate body
MOUNTING:
Surface (ceiling)
POWER SUPPLY:
Self contained – 220÷240VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
O 1W (118lm), C 1W (114lm) or
O 3W (249lm), C 3W (238lm) power LED
Escape route or open area optics
CHARGING:
Maximum 12h; energy-saving electronic impulse charger
AUTONOMY AND BATTERIES:
1h, 2h, 3h, Ni-MH batteries
INSULATION CLASS:
II
IP RATING:
IP41
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class of insulation of FZLV version





SELF CONTAINED CONFIGURATION

CODE	POWER [W]		AUTONOMY [h]			MODE		OPTION		COLOR		
LVNC	1	3	1	2	3	SE	SA	AT	RS	WH	GR	BL
LVNO	1	3	1	2	3	SE	SA	AT	RS	WH	GR	BL

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]		SYSTEM	OPTION			COLOR		
LVNC	1	3	CB	CBS	ADS	ADL	WH	GR	BL
LVNO	1	3	CB	CBS	ADS	ADL	WH	GR	BL

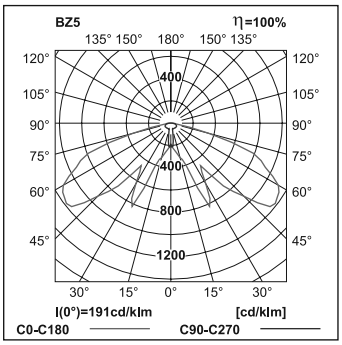
FZLV SYSTEM CONFIGURATION

CODE	POWER [W]		SYSTEM	COLOR		
LVNC	1	3	FZLV	WH	GR	BL
LVNO	1	3	FZLV	WH	GR	BL

Legend:
SE – non maintained
SA – maintained
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
LVNO – fixture Lovato N with optics for open area
LVNC – fixture Lovato N with optics for escape route
WH – fixture in white color
GR – fixture in grey color
BL – fixture in black color

EMERGENCY ESCAPE LIGHTING

LVNC – LED 1W (114lm) with optics for escape route

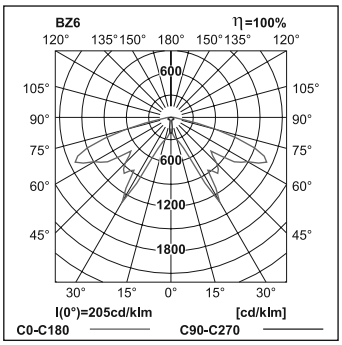


LVNC 1W – avg 1lx

h [m]	L1	L2
2,50	5,00	11,50
3,00	4,00	12,00
3,50	4,00	14,00
4,00	3,00	14.00
4,50	3,00	14,00
5,00	3,00	13,00
6,00	3,50	12,00
7,00	4,00	11,00



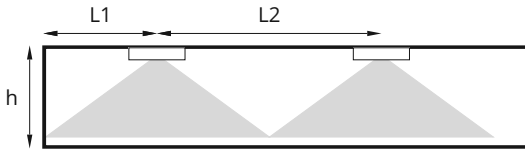
LVNC – LED 3W (238lm) with optics for escape route



LVNC 3W – avg 1lx

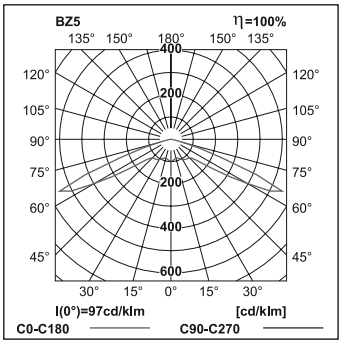
h [m]	L1	L2
2,50	7,50	16,50
3,00	8,50	18,50
3,50	9,00	21,00
4,00	9,00	22,50
4,50	9,50	22,50
5,00	10,00	23,00
6,00	11,00	25,00
7,00	11,00	24,00
8,00	10,00	21,00

Photometry



L1 – distance from the wall to the first fixture
L2 – distance between fixtures
h – height of the ceiling

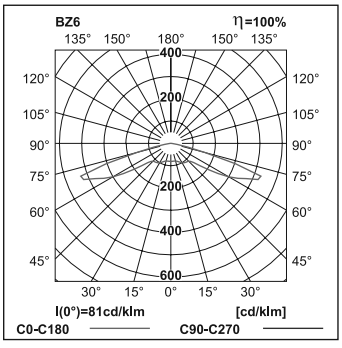
LVNO – LED 1W (118lm) with optics for open area



LVNO 1W – min 0,5lx

h [m]	L1	L2
2,50	4,50	10,00
3,00	4,00	11,00
3,50	3,50	12,00
4,00	3,00	13,00
4,50	2,50	13,00
5,00	2,00	13,00
6,00	2,00	12,00
7,00	2,00	12,00
8,00	2,00	10,00

LVNO – LED 3W (249lm) with optics for open area



LVNO 3W – min 0,5lx

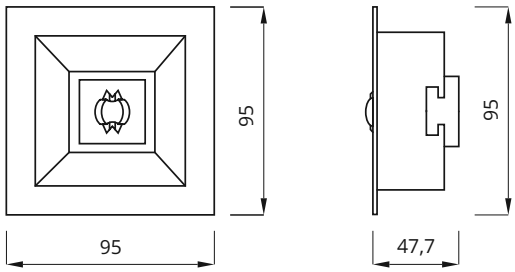
h [m]	L1	L2
2,50	5,00	11,50
3,00	6,00	12,50
3,50	6,50	14,00
4,00	7,50	15,50
4,50	5,50	17,00
5,00	3,50	18,00
6,00	3,00	18,00
7,00	3,00	17,00
8,00	3,00	17,00

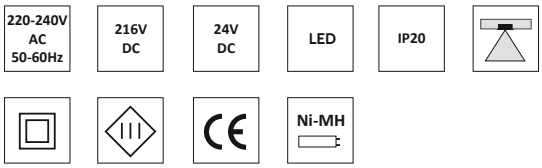
EMERGENCY ESCAPE LIGHTING

LOVATO P

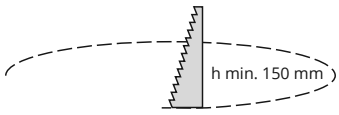


MATERIALS:
White, grey or black polycarbonate body
MOUNTING:
Recessed (ceiling)
POWER SUPPLY:
Self contained – 220÷240VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
O 1W (121lm), C 1W (122lm) or
O 3W (242lm), C 3W (238lm) power LED
Escape route or open area optics
CHARGING:
Maximum 12h; energy-saving electronic impulse charger
AUTONOMY AND BATTERIES:
1h, 2h, 3h, Ni-MH batteries
INSULATION CLASS:
II
IP RATING:
IP20
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class of insulation of FZLV version





Dimension of assembly hole Ø 80mm



SELF CONTAINED CONFIGURATION

CODE	POWER [W]		AUTONOMY [h]			MODE		OPTION		COLOR		
LVPC	1	3	1	2	3	SE	SA	AT	RS	WH	GR	BL
LVPO	1	3	1	2	3	SE	SA	AT	RS	WH	GR	BL

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]		SYSTEM	OPTION			COLOR		
LVPC	1	3	CB	CBS	ADS	ADL	WH	GR	BL
LVPO	1	3	CB	CBS	ADS	ADL	WH	GR	BL

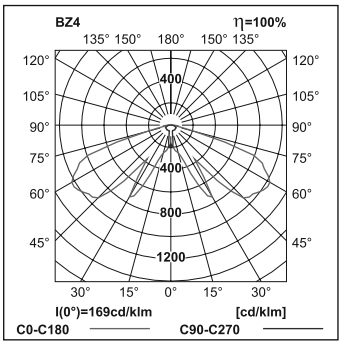
FZLV SYSTEM CONFIGURATION

CODE	POWER [W]		SYSTEM	COLOR		
LVPC	1	3	FZLV	WH	GR	BL
LVPO	1	3	FZLV	WH	GR	BL

Legend:
SE – non maintained
SA – maintained
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
LVPO – fixture Lovato P with optics for open area
LVPC – fixture Lovato P with optics for escape route
WH – fixture in white color
GR – fixture in grey color
BL – fixture in black color

EMERGENCY ESCAPE LIGHTING

LVPC – LED 1W (122lm) with optics for escape route

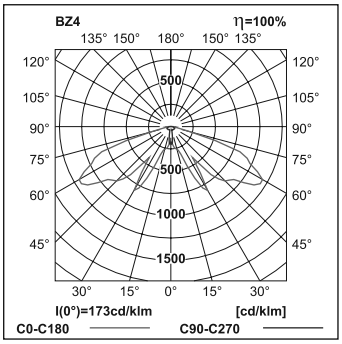


LVPC 1W – avg 1lx

h [m]	L1	L2
2,50	6,50	14,00
3,00	6,50	15,50
3,50	7,00	17,00
4,00	7,00	17,50
4,50	7,50	18,00
5,00	7,00	17,50
6,00	6,00	10,00
7,00	5,00	9,00
8,00	5,00	8,00



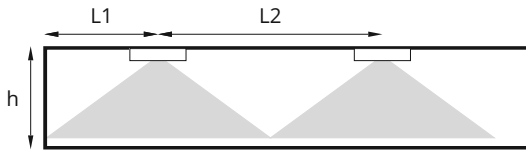
LVPC – LED 3W (238lm) with optics for escape route



LVPC 3W – avg 1lx

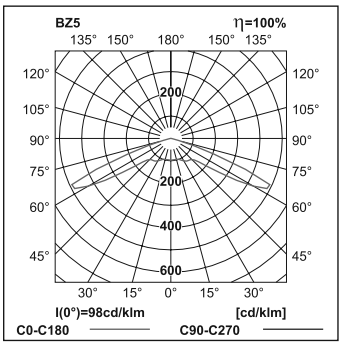
h [m]	L1	L2
2,50	7,50	16,50
3,00	8,50	18,50
3,50	9,00	21,00
4,00	9,00	22,50
4,50	9,50	22,50
5,00	10,00	23,00
6,00	11,00	25,00
7,00	11,00	24,00
8,00	10,00	21,00

Photometry



L1 – distance from the wall to the first fixture
L2 – distance between fixtures
h – height of the ceiling

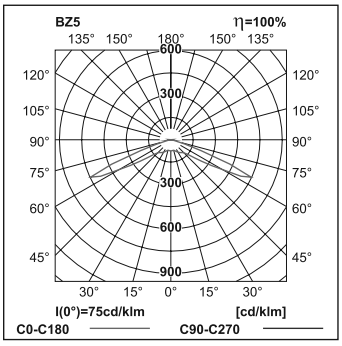
LVPO – LED 1W (121lm) with optics for open area



LVPO 1W – min 0,5lx

h [m]	L1	L2
2,50	4,50	10,00
3,00	4,00	11,00
3,50	3,50	12,00
4,00	3,00	13,00
4,50	2,50	13,00
5,00	2,00	13,00
6,00	2,00	12,00
7,00	2,00	12,00
8,00	2,00	10,00

LVPO – LED 3W (242lm) with optics for open area



LVPO 3W – min 0,5lx

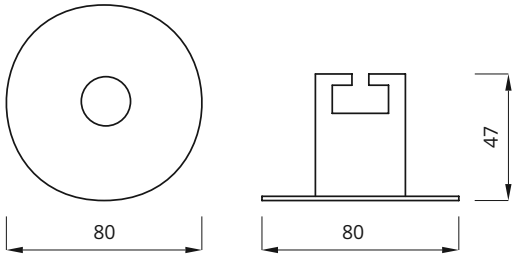
h [m]	L1	L2
2,50	5,00	11,50
3,00	6,00	12,50
3,50	6,50	14,00
4,00	7,50	15,50
4,50	5,50	17,00
5,00	3,50	18,00
6,00	3,00	18,00
7,00	3,00	17,00
8,00	3,00	17,00

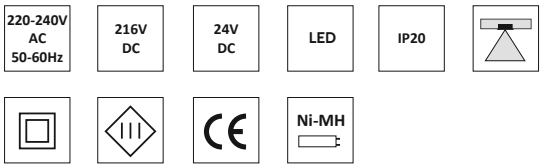
EMERGENCY ESCAPE LIGHTING

EYE LED ROUND

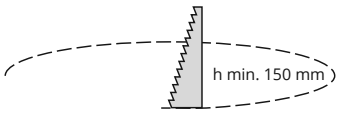


MATERIALS:
Body made of stainless steel or steel painted white,
other colors optionally
MOUNTING:
Recessed (ceiling)
POWER SUPPLY:
Self contained – 220÷240VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
O 1W (117 lm), C 1W (110 lm) or
O 3W (259 lm), C 3W (241 lm) or
3x1W (255 lm) power LED
Escape route or open area optics
CHARGING:
Maximum 12h; energy-saving electronic impulse charger
AUTONOMY AND BATTERIES:
1h, 2h, 3h, Ni-MH batteries
INSULATION CLASS:
II
IP RATING:
IP20
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class of insulation of FZLV version





Dimension of assembly hole Ø 60mm



SELF CONTAINED CONFIGURATION

CODE	POWER [W]		AUTONOMY [h]			MODE		OPTION		COLOR	
EYO	1	3	1	2	3	SE	SA	AT	RS	ST	WH
EYC	1	3	1	2	3	SE	SA	AT	RS	ST	WH
EY	3x1		1	2	3	SE	SA	AT	RS	ST	WH

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]		SYSTEM	OPTION			COLOR	
EYO	1	3	CB	CBS	ADS	ADL	ST	WH
EYC	1	3	CB	CBS	ADS	ADL	ST	WH
EY	3x1		CB	CBS	ADS	ADL	ST	WH

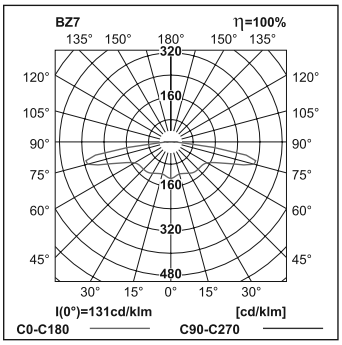
FZLV SYSTEM CONFIGURATION

CODE	POWER [W]		SYSTEM	COLOR	
EYO	1	3	FZLV	ST	WH
EYC	1	3	FZLV	ST	WH
EY	3x1		FZLV	ST	WH

Legend:
SE – non maintained
SA – maintained
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
EYO – fixture Eye led with optics for open area
EYC – fixture Eye led with optics for escape route
EY – fixture Eye led
ST – stainless steel
WH – fixture in white color

EMERGENCY ESCAPE LIGHTING

EYO – LED 1W (117lm) with optics for open area

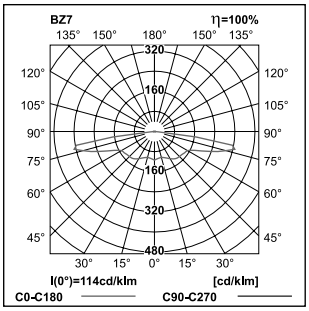


EYO 1W – min 0,5lx

h [m]	L1	L2
2,50	3,00	9,00
3,00	3,00	10,00
3,50	3,00	11,00
4,00	3,00	11,00
4,50	3,00	11,00
5,00	3,00	11,00
6,00	3,00	10,00
7,00	3,00	8,00
8,00	3,00	6,00



EYO – LED 3W (259lm) with optics for open area

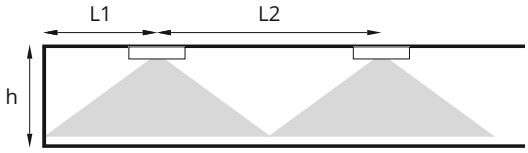


EYO 3W – min 0,5lx

h [m]	L1	L2
2,50	5,00	16,00
3,00	5,00	16,00
3,50	5,00	16,00
4,00	5,00	17,00
4,50	5,00	17,00
5,00	5,00	16,00
6,00	5,00	16,00
7,00	5,00	16,00
8,00	4,00	15,00

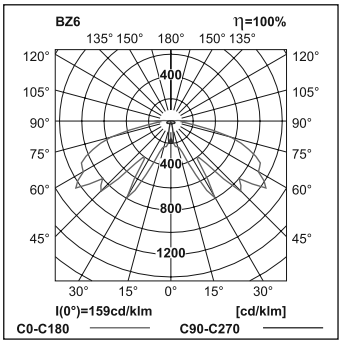


Photometry



L1 – distance from the wall to the first fixture
L2 – distance between fixtures
h – height of the ceiling

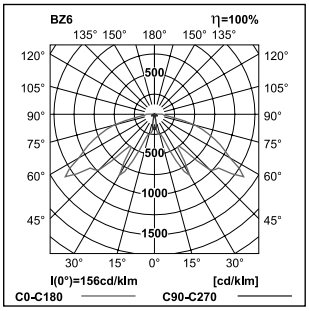
EYC – LED 1W (110lm) with optics for escape route



EYC 1W – avg 1lx

h [m]	L1	L2
2,50	6,00	14,00
3,00	6,00	15,00
3,50	6,00	15,50
4,00	6,00	16,00
4,50	6,00	16,00
5,00	5,00	13,00
6,00	4,00	10,00
7,00	4,00	8,00
8,00	3,00	6,00

EYC – LED 3W (241lm) with optics for escape route



EYC 3W – avg 1lx

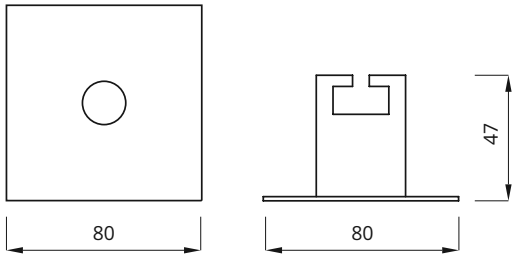
h [m]	L1	L2
2,50	7,00	17,00
3,00	8,00	18,00
3,50	8,50	19,50
4,00	9,00	20,50
4,50	9,50	21,50
5,00	10,00	23,00
6,00	10,50	24,50
7,00	10,00	22,00
8,00	7,00	16,00

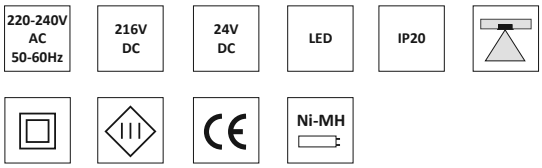
EMERGENCY ESCAPE LIGHTING

EYE LED square

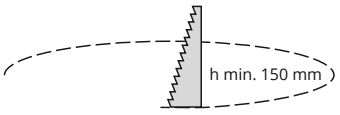


MATERIALS:
Body made of stainless steel or steel painted white
other colors optionally
MOUNTING:
Recessed (ceiling)
POWER SUPPLY:
Self contained – 220÷240VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
O 1W (117 lm), C 1W (110 lm) or
O 3W (259 lm), C 3W (241 lm) or
3x1W (255 lm) power LED
Escape route or open area optics
CHARGING:
Maximum 12h; energy-saving electronic impulse charger
AUTONOMY AND BATTERIES:
1h, 2h, 3h, Ni-MH batteries
INSULATION CLASS:
II
IP RATING:
IP20
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class of insulation of FZLV version





Dimension of assembly hole Ø 60mm



SELF CONTAINED CONFIGURATION

CODE	POWER [W]		AUTONOMY [h]			MODE		OPTION		COLOR	
EYKO	1	3	1	2	3	SE	SA	AT	RS	ST	WH
EYKC	1	3	1	2	3	SE	SA	AT	RS	ST	WH
EYK	3x1		1	2	3	SE	SA	AT	RS	ST	WH

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]		SYSTEM	OPTION			COLOR	
EYKO	1	3	CB	CBS	ADS	ADL	ST	WH
EYKC	1	3	CB	CBS	ADS	ADL	ST	WH
EYK	3x1		CB	CBS	ADS	ADL	ST	WH

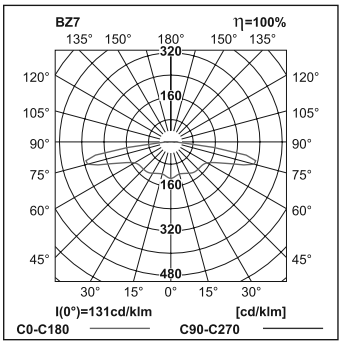
FZLV SYSTEM CONFIGURATION

CODE	POWER [W]		SYSTEM	COLOR	
EYKO	1	3	FZLV	ST	WH
EYKC	1	3	FZLV	ST	WH
EYK	3x1		FZLV	ST	WH

Legend:
SE – non maintained
SA – maintained
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
EYKO – fixture Eye led square with optics for open area
EYKC – fixture Eye led square with optics for escape route
EYK – fixture Eye led square
ST – stainless steel
WH – fixture in white color

EMERGENCY ESCAPE LIGHTING

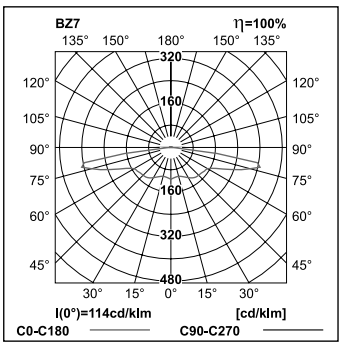
EYKO – LED 1W (117lm) with optics for open area



EYKO 1W – min 0,5lx

h [m]	L1	L2
2,50	3,00	9,00
3,00	3,00	10,00
3,50	3,00	11,00
4,00	3,00	11,00
4,50	3,00	11,00
5,00	3,00	11,00
6,00	3,00	10,00
7,00	3,00	8,00
8,00	3,00	6,00

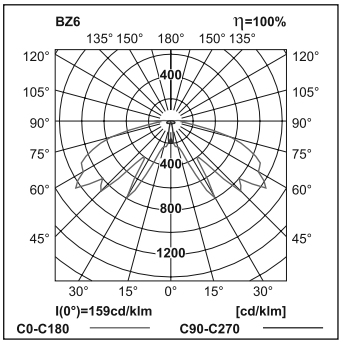
EYKO – LED 3W (259lm) with optics for open area



EYKO 3W – min 0,5lx

h [m]	L1	L2
2,50	5,00	16,00
3,00	5,00	16,00
3,50	5,00	16,00
4,00	5,00	17,00
4,50	5,00	16,00
5,00	5,00	16,00
6,00	5,00	16,00
7,00	5,00	16,00
8,00	4,00	15,00

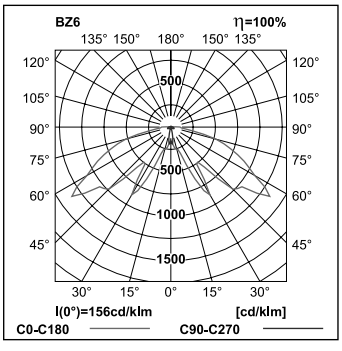
EYKC – LED 1W (110lm) with optics for escape route



EYKC 1W – avg 1lx

h [m]	L1	L2
2,50	6,00	14,00
3,00	6,00	15,00
3,50	6,00	15,50
4,00	6,00	16,00
4,50	6,00	16,00
5,00	5,00	13,00
6,00	4,00	10,00
7,00	4,00	8,00
8,00	3,00	6,00

EYKC – LED 3W (241lm) with optics for escape route



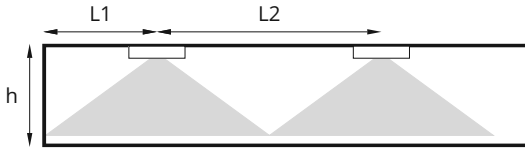
EYKC 3W – avg 1lx

h [m]	L1	L2
2,50	7,00	17,00
3,00	8,00	18,00
3,50	8,50	19,50
4,00	9,00	20,50
4,50	9,50	21,50
5,00	10,00	23,00
6,00	10,50	24,50
7,00	10,00	22,00
8,00	7,00	16,00





Photometry



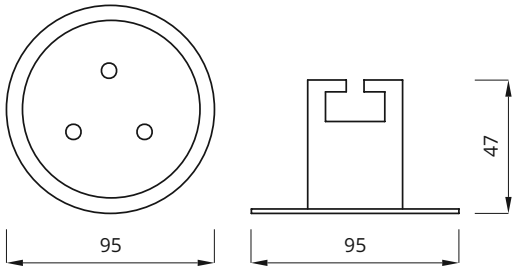
L1 – distance from the wall to the first fixture
L2 – distance between fixtures
h – height of the ceiling

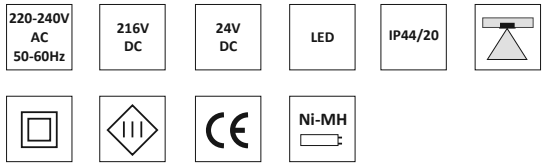
EMERGENCY ESCAPE LIGHTING

EYE



MATERIALS:
Body made of stainless steel or steel painted white, other colors optionally
MOUNTING:
Recessed (ceiling)
POWER SUPPLY:
Self contained – 220÷240VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
3x1W (255 lm) power LED
CHARGING:
Maximum 12h; energy-saving electronic impulse charger
AUTONOMY AND BATTERIES:
1h, 2h, 3h, Ni-MH batteries
INSULATION CLASS:
II
IP RATING:
IP44/20
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class of insulation of FZLV version





SELF CONTAINED CONFIGURATION

CODE	POWER [W]	AUTONOMY [h]			MODE		OPTION		COLOR	
4EY	3x1	1	2	3	SE	SA	AT	RS	ST	WH

CENTRAL BATTERY CONFIGURATION

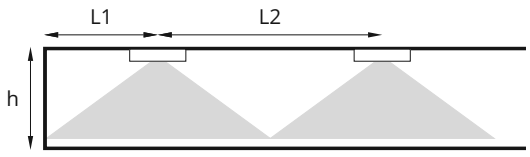
CODE	POWER [W]	SYSTEM	OPTION			COLOR	
4EY	3x1	CB	CBS	ADS	ADL	ST	WH

FZLV SYSTEM CONFIGURATION

CODE	POWER [W]	SYSTEM	COLOR	
4EY	3x1	FZLV	ST	WH

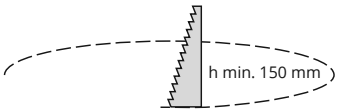
Legend:
SE – non maintained
SA – maintained
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
4EY – fixture Eye
ST – stainless steel
WH – fixture in white color

Photometry

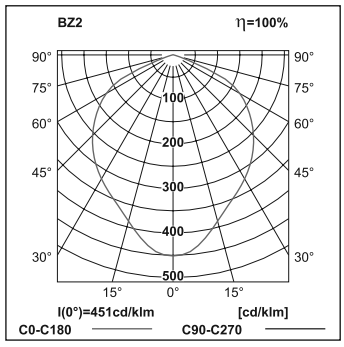


L1 – distance from the wall to the first fixture
L2 – distance between fixtures
h – height of the ceiling

Dimension of assembly hole Ø 60mm



4EY – LED 3x1W (255lm)



4EY – min 0,5lx open area

h [m]	L1	L2
2,50	4,00	8,50
3,00	4,00	9,50
3,50	5,00	10,50
4,00	5,00	11,50
4,50	5,00	12,50
5,00	5,00	13,50
6,00	5,00	14,50
7,00	5,00	16,00
8,00	5,00	17,00

4EY – avg 1lx escape route

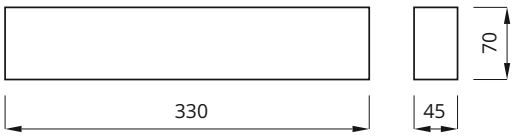
h [m]	L1	L2
2,50	4,50	9,50
3,00	4,50	10,50
3,50	4,50	11,00
4,00	4,50	11,50
4,50	5,00	12,50
5,00	5,50	12,50
6,00	5,50	13,00
7,00	5,00	13,00
8,00	5,00	13,00

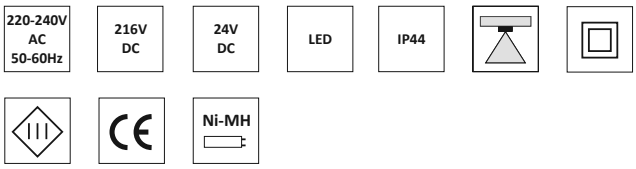
EMERGENCY ESCAPE LIGHTING

INFINITY PO

MATERIALS:
White, grey or black polycarbonate body
MOUNTING:
Surface (ceiling)
POWER SUPPLY:
Self contained – 220÷240VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
3x1W (227 lm) power LED
Open area optics
CHARGING:
Maximum 12h; energy-saving electronic impulse charger
AUTONOMY AND BATTERIES:
1h, 2h, 3h , Ni-MH batteries
INSULATION CLASS:
II
IP RATING:
IP44
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class of insulation of FZLV version







SELF CONTAINED CONFIGURATION

CODE	POWER [W]	AUTONOMY [h]			MODE		OPTION			COLOR		
IFAPO	3x1	1	2	3	SE	SA	PT	AT	RS	WH	GR	BL

CENTRAL BATTERY CONFIGURATION

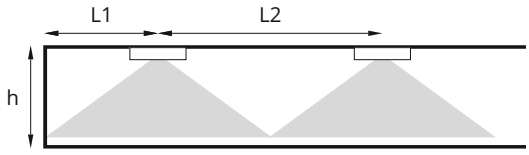
CODE	POWER [W]	SYSTEM	OPTION			COLOR		
IFAPO	3x1	CB	CBS	ADS	ADL	WH	GR	BL

FZLV SYSTEM CONFIGURATION

CODE	POWER [W]	SYSTEM	COLOR		
IFAPO	3x1	FZLV	WH	GR	BL

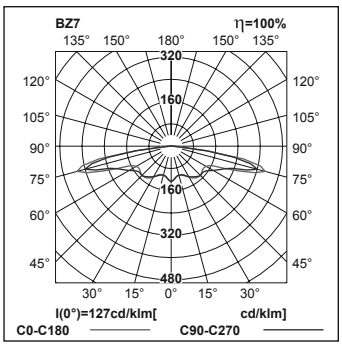
Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
IFAPO – fixture Infinity PO
WH – fixture in white color
GR – fixture in grey color
BL – fixture in black color

Photometry



L1 – distance from the wall to the first fixture
L2 – distance between fixtures
h – height of the ceiling

IFAPO 3x1W (227lm)



IFAPO – avg 1lx escape route

h [m]	L1	L2
2,50	4,00	11,00
3,00	4,00	11,00
3,50	4,00	11,00
4,00	3,50	10,50
4,50	3,50	10,00
5,00	3,00	8,00

IFAPO – min 0,5lx open area

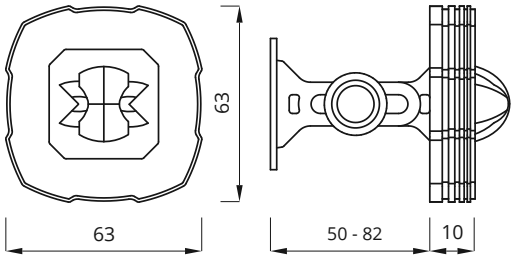
h [m]	L1	L2
2,50	5,00	14,00
3,00	5,00	15,00
3,50	5,00	16,00
4,00	5,00	16,00
4,50	4,00	16,00
5,00	4,00	16,00

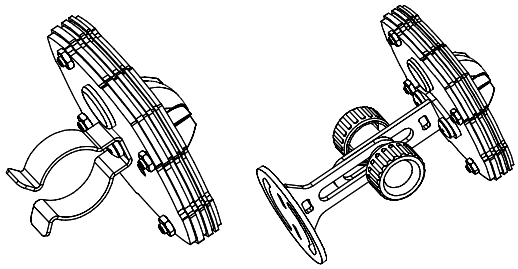
EMERGENCY ESCAPE LIGHTING

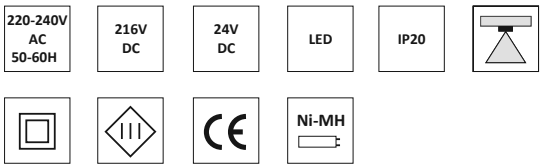
SPY



MATERIALS:
Body made of aluminum or aluminum painted white
MOUNTING:
Inside light fitting
POWER SUPPLY:
Self contained – 220÷240VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
O 1W (117 lm), C 1W (110 lm) or
O 3W (259 lm), C 3W (241 lm)
Escape route or open area optics
CHARGING:
Maximum 12h; energy-saving electronic impulse charger
AUTONOMY AND BATTERIES:
1h, 2h, 3h , Ni-MH batteries
INSULATION CLASS:
II
IP RATING:
IP20
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class of insulation of FZLV version







SELF CONTAINED CONFIGURATION

CODE	POWER [W]		AUTONOMY [h]			MODE		OPTION		COLOR	
SPO	1	3	1	2	3	SE	SA	AT	RS	WH	SR
SPC	1	3	1	2	3	SE	SA	AT	RS	WH	SR

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]		SYSTEM	OPTION			COLOR	
SPO	1	3	CB	CBS	ADS	ADL	WH	SR
SPC	1	3	CB	CBS	ADS	ADL	WH	SR

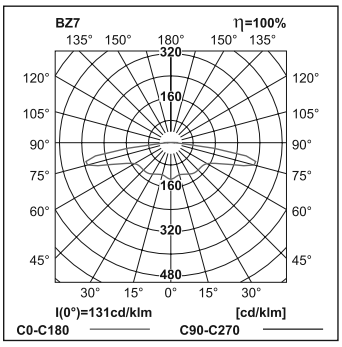
FZLV SYSTEM CONFIGURATION

CODE	POWER [W]		SYSTEM	COLOR	
SPO	1	3	FZLV	WH	SR
SPC	1	3	FZLV	WH	SR

Legend:
SE – non maintained
SA – maintained
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
SPO – fixture SPY with optics for open area
SPC – fixture SPY with optics for escape route
WH – fixture in white color
SR – fixture in silver color

EMERGENCY ESCAPE LIGHTING

SPO – LED 1W (117lm) with optics for open area

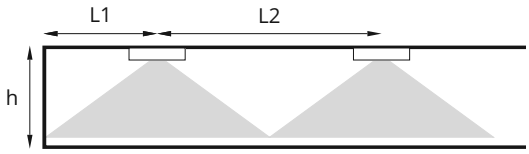


SPO 1W – min 0,5lx

h [m]	L1	L2
2,50	3,00	9,00
3,00	3,00	10,00
3,50	3,00	11,00
4,00	3,00	11,00
4,50	3,00	11,00
5,00	3,00	11,00
6,00	3,00	10,00
7,00	3,00	8,00
8,00	3,00	6,00

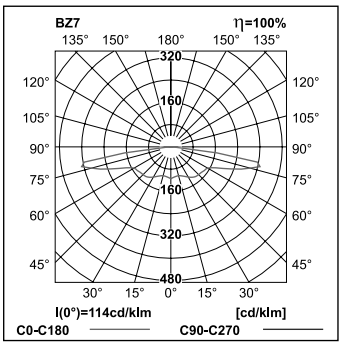


Photometry



L1 – distance from the wall to the first fixture
L2 – distance between fixtures
h – height of the ceiling

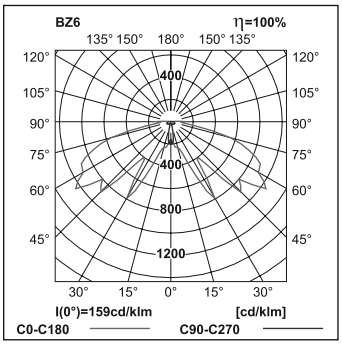
SPO – LED 3W (259lm) with optics for open area



SPO 3W – min 0,5lx

h [m]	L1	L2
2,50	5,00	16,00
3,00	5,00	16,00
3,50	5,00	16,00
4,00	5,00	17,00
4,50	5,00	17,00
5,00	5,00	16,00
6,00	5,00	16,00
7,00	5,00	16,00
8,00	4,00	15,00

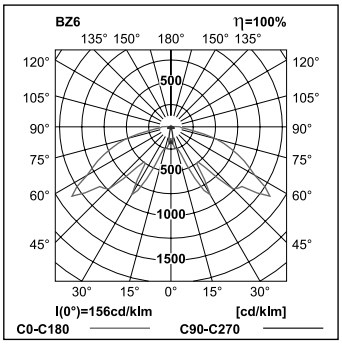
SPC – LED 1W (110lm) with optics for escape route



SPC 1W – avg 1lx

h [m]	L1	L2
2,50	6,00	14,00
3,00	6,00	15,00
3,50	6,00	15,50
4,00	6,00	16,00
4,50	6,00	16,00
5,00	5,00	13,00
6,00	4,00	10,00
7,00	4,00	8,00
8,00	3,00	6,00

SPC – LED 3W (241lm) with optics for escape route

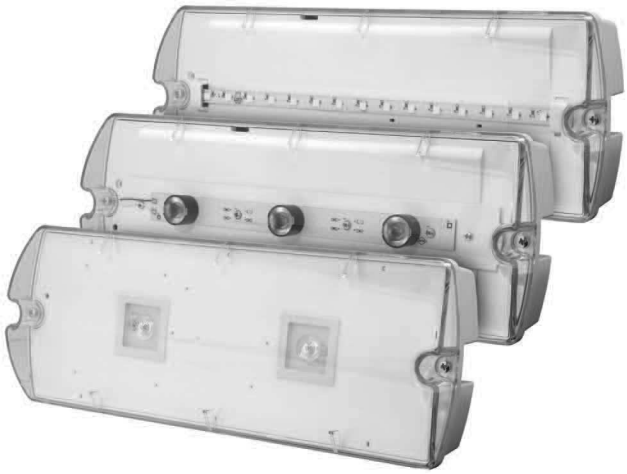


SPC 3W – avg 1lx

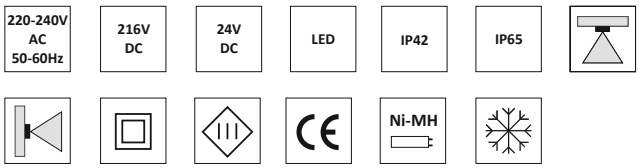
h [m]	L1	L2
2,50	7,00	17,00
3,00	8,00	18,00
3,50	8,50	19,50
4,00	9,00	20,50
4,50	9,50	21,50
5,00	10,00	23,00
6,00	10,50	24,50
7,00	10,00	22,00
8,00	7,00	16,00

EMERGENCY ESCAPE LIGHTING

HELIOS LED







MATERIALS:
White polycarbonate body
Transparent or opal polycarbonate cover
MOUNTING:
Surface (wall, ceiling)
Optional assembly with wall or ceiling bracket
POWER SUPPLY:
Self contained – 220÷240VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
3,2W (257 lm) LED
3x1W (275 lm) or 2x3W (436 lm) power LED
CHARGING:
Maximum 12h; energy-saving electronic impulse charger
AUTONOMY AND BATTERIES:
1h, 2h, 3h , Ni-MH batteries
INSULATION CLASS:
II
IP RATING:
IP42 or IP65
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
Optional adaptation of the fixture for low temperatures up to -25°C
Protection against mechanical impacts – IK08
III class of insulation of FZLV version

SELF CONTAINED CONFIGURATION

CODE		POWER [W]	AUTONOMY [h]			MODE		OPTION			COVER	
HWM	HWEM	3,2	1	2	3	SE	SA	PT	AT	RS	TR	OP
HWD	HWED	3x1	1	2	3	SE	SA	PT	AT	RS	TR	
HSP	HESP	2x3	1	2	3	SE		PT	AT	RS	TR	

CENTRAL BATTERY CONFIGURATION

CODE		POWER [W]	SYSTEM	OPTION			COVER	
HWM	HWEM	3,2	CB	CBS	ADS	ADL	TR	OP
HWD	HWED	3x1	CB	CBS	ADS	ADL	TR	
HSP	HESP	2x3	CB	CBS	ADS	ADL	TR	

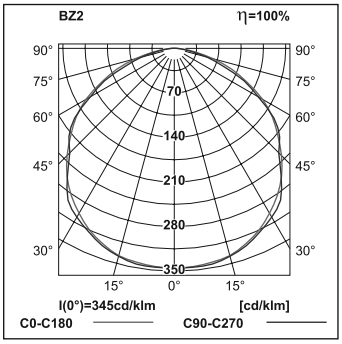
FZLV SYSTEM CONFIGURATION

CODE		POWER [W]	SYSTEM	COVER	
HWM	HWEM	3,2	FZLV	TR	OP
HWD	HWED	3x1	FZLV	TR	
HSP	HESP	2x3	FZLV	TR	

Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
HWM – fixture Helios IP65, assembly altitudes: 2,5 – 10 m
HWD – fixture Helios IP65, assembly altitudes: 8 – 14m
HSP – fixture Helios IP65 2x3W, assembly altitudes: 2,5 – 8m
HWEM – fixture Helios IP42, assembly altitudes: 2,5 – 10 m
HWED – fixture Helios IP42, assembly altitudes: 8 – 14m
HESP – fixture Helios IP42 2x3W, assembly altitudes: 2,5 – 8m
TR – transparent polycarbonate cover
OP – opal polycarbonate cover

EMERGENCY ESCAPE LIGHTING

HWM – LED 3,2W (257lm) for 2,5 to 10 m



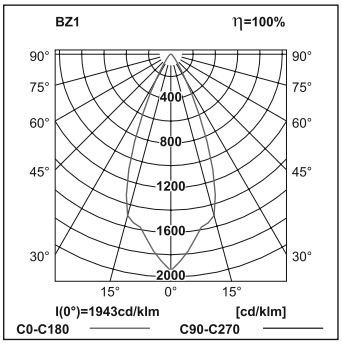
HWM – min 0,5lx open area

h [m]	L1	L2
2,50	5,00	10,00
3,00	5,00	11,00
3,50	6,00	11,50
4,00	6,00	12,50
4,50	7,00	13,00
5,00	7,00	14,00
5,50	7,00	15,00
6,00	7,00	15,00
6,50	7,00	15,50
7,00	7,00	16,00
7,50	7,00	17,00
8,00	7,00	17,00
9,00	7,00	17,50
10,00	7,00	18,00

HWM – avg 1lx escape route

h [m]	L1	L2
2,50	5,50	10,00
3,00	5,50	11,00
3,50	6,00	11,50
4,00	6,00	12,00
4,50	6,00	12,50
5,00	6,00	13,00
5,50	6,00	13,00
6,00	6,00	13,00
6,50	5,60	13,00
7,00	5,50	13,00
7,50	5,00	12,50
8,00	3,00	12,50
9,00	2,50	12,00
10,00	2,50	12,00

HWD – 3x1W (275lm) power LED for 8 to 14m



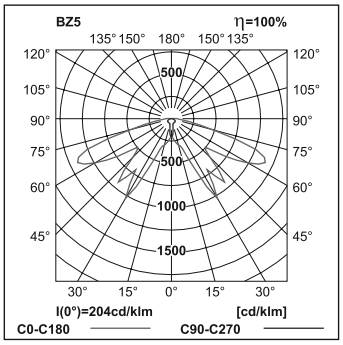
HWD – min 0,5lx open area

h [m]	L1	L2
8,00	5,00	9,00
8,50	5,00	9,00
9,00	5,00	9,00
9,50	6,00	9,50
10,00	6,00	10,00
10,50	6,00	10,50
11,00	6,00	10,50
11,50	7,00	11,00
12,00	7,00	11,00
13,00	7,00	12,00
14,00	7,00	12,00

HWD – avg 1lx escape route

h [m]	L1	L2
8,00	5,00	9,00
8,50	5,50	10,00
9,00	6,00	10,00
9,50	6,00	10,00
10,00	6,00	10,50
10,50	6,00	11,00
11,00	6,00	11,00
11,50	6,00	11,50
12,00	6,00	12,00
13,00	6,00	12,00
14,00	6,00	11,00

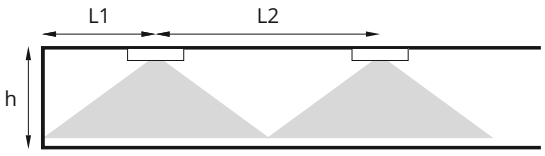
HSP – 2x3W (436lm) power LED for 2,5 to 8m



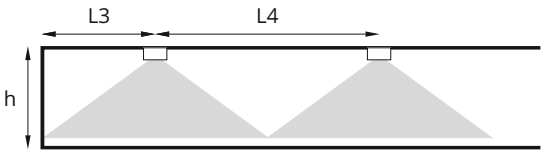
HSP – avg 1lx,open area

h [m]	L1	L2	L3	L4
2,50	2,00	5,00	8,00	18,00
3,00	3,00	6,00	8,00	18,00
3,50	3,00	7,00	8,00	18,00
4,00	3,00	7,00	8,00	18,00
4,50	3,00	8,00	8,00	18,00
5,00	3,00	7,00	8,00	18,00
6,00	3,00	7,00	8,00	18,00
7,00	3,00	7,00	8,00	18,00
8,00	3,00	5,00	8,00	18,00

Photometry



L1 – distance from the wall to the first fixture
L2 – distance between fixtures
h – height of the ceiling



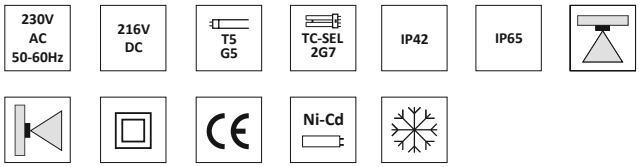
L3 – distance from the wall to the first fixture
L4 – distance between fixtures
h – height of the ceiling

EMERGENCY ESCAPE LIGHTING

HELIOS







MATERIALS:
White polycarbonate body
Transparent polycarbonate cover with Fresnel optics
MOUNTING:
Surface (wall, ceiling)
Optional assembly with wall or ceiling bracket
POWER SUPPLY:
Self contained – 230VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
LIGHT SOURCE:
8W, 11W, 18W fluorescent lamp
CHARGING:
Maximum 24h
AUTONOMY AND BATTERIES:
1h, 2h, 3h , Ni-Cd batteries
INSULATION CLASS:
II
IP RATING:
IP42 or IP65
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
Optional adaptation of the fixture for low temperatures up to -25°C
Protection against mechanical impacts – IK08

SELF CONTAINED CONFIGURATION

CODE	POWER [W]			AUTONOMY [h]			MODE		OPTION		
HE	8	11	18	1	2	3	SE	SA	PT	AT	RS
H	8	11	18*	1	2	3	SE	SA	PT	AT	RS

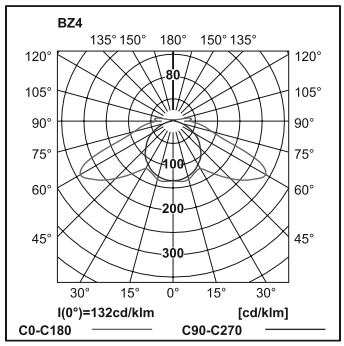
* AVAILABLE ONLY IN NON-MAINTAINED VERSION

CENTRAL BATTERY CONFIGURATION

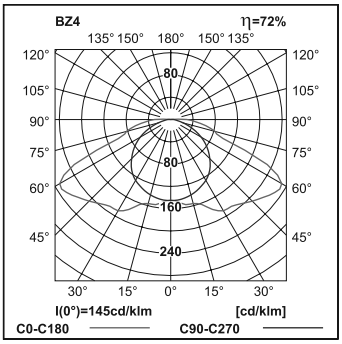
CODE	POWER [W]			SYSTEM	OPTION		
HE	8	11	18	CB	CBS	ADS	ADL
H	8	11	18	CB	CBS	ADS	ADL

Photometry

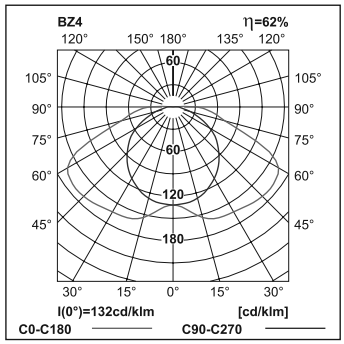
Helios 8W



Helios 11W



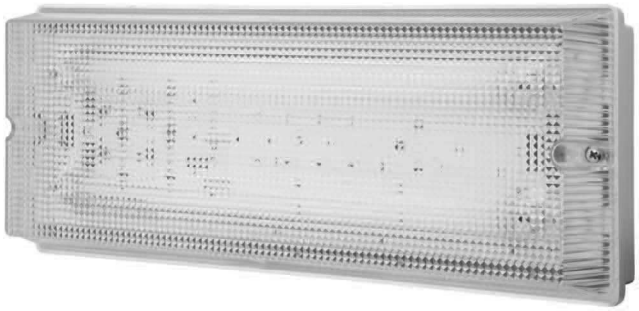
Helios 18W

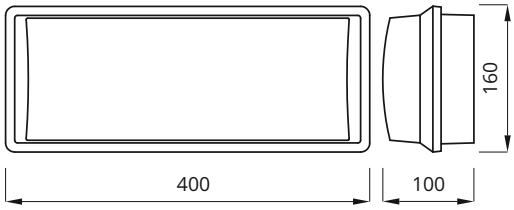


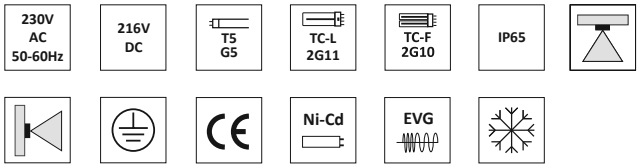
Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
H – fixture Helios IP 65
HE – fixture Helios IP 42

EMERGENCY ESCAPE LIGHTING

EMX







MATERIALS:
White polycarbonate body
Transparent polycarbonate cover
MOUNTING:
Surface (wall, ceiling)
POWER SUPPLY:
Self contained – 230VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
LIGHT SOURCE:
2x8W, 18W, 24W, 36W fluorescent lamp
CHARGING:
Maximum 24h
AUTONOMY & BATTERIES:
1h, 2h or 3h, Ni-Cd batteries
INSULATION CLASS:
I
IP RATING:
IP65
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – RUBIC central monitoring
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
Optional adaptation of the fixture for low temperatures up to -25°C

SELF CONTAINED CONFIGURATION

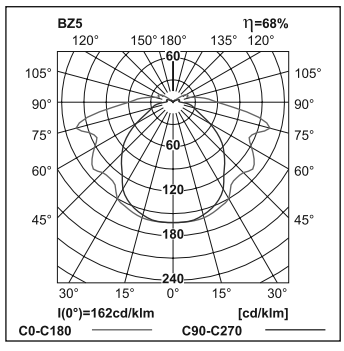
CODE	POWER [W]				AUTONOMY [h]			MODE		OPTION		
EM	2x8	18	24	36	1	2	3	SE	SA	PT	AT	RS

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]				SYSTEM	OPTION		
EM	2x8	18	24	36	CB	CBS	ADS	ADL

Photometry

EM - 2x8W

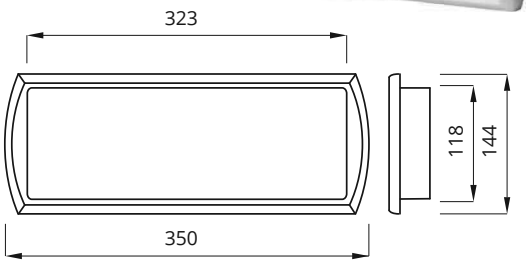


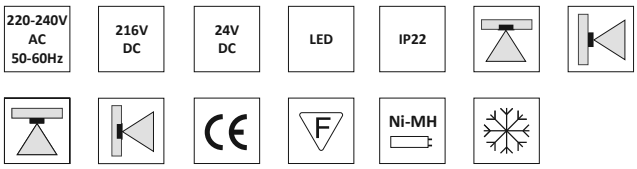
Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – RUBIC central monitoring
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
EM – fixture EMX

EMERGENCY ESCAPE LIGHTING

TIGER LED







MATERIALS:
White polycarbonate body
Transparent or opal polycarbonate cover
MOUNTING:
Surface (wall, ceiling)
Optional assembly in dry-wall or under plastering
POWER SUPPLY:
Self contained – 220÷240VAC/50÷60Hz
Central battery –220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
3,2W LED (270 lm)
CHARGING:
Maximum 12h; energy-saving electronic impulse charger
AUTONOMY AND BATTERIES:
1h, 2h, 3h , Ni-MH batteries
INSULATION CLASS:
II
IP RATING:
IP22
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
Optional adaptation of the fixture for low temperatures up to -25°C
III class of insulation of FZLV version

SELF CONTAINED CONFIGURATION

CODE	POWER [W]	AUTONOMY [h]			MODE		OPTION			COLOR	
TL	3,2	1	2	3	SE	SA	PT	AT	RS	TR	OP

CENTRAL BATTERY CONFIGURATION

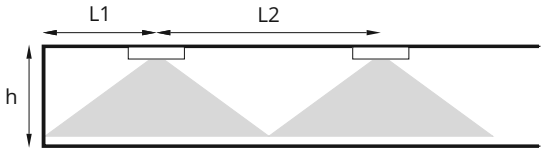
CODE	POWER [W]	SYSTEM	OPTION			COLOR	
TL	3,2	CB	CBS	ADS	ADL	TR	OP

FZLV SYSTEM CONFIGURATION

CODE	POWER [W]	SYSTEM	COLOR	
TL	3,2	FZLV	TR	OP

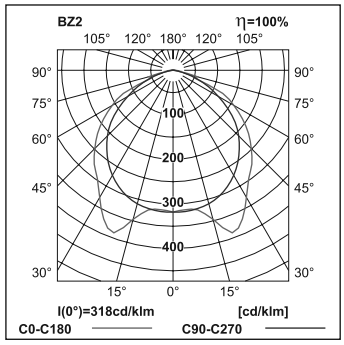
Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
TL – fixture Tiger LED
TR – transparent polycarbonate cover
OP – opal polycarbonate cover

Photometry



L1 – distance from the wall to the first fixture
L2 – distance between fixtures
h – height of the ceiling

TL – 3,2W (270lm)



TL 3,2W – avg 1lx escape route transparent cover

h [m]	L1	L2
2,50	4,00	10,00
3,00	4,00	10,50
3,50	4,00	11,00
4,00	4,00	11,00
4,50	4,50	11,50
5,00	4,50	12,00
6,00	4,50	13,00
7,00	4,50	13,50
8,00	4,50	13,50

TL 3,2W – min 0,5lx open area transparent cover

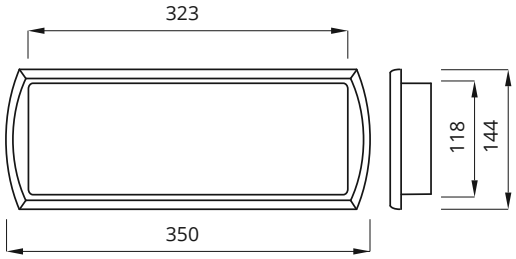
h [m]	L1	L2
2,50	4,00	10,00
3,00	4,50	11,00
3,50	5,00	11,50
4,00	5,00	12,50
4,50	5,50	13,50
5,00	5,50	14,00
6,00	6,00	15,00
7,00	6,00	16,50
8,00	6,00	17,50

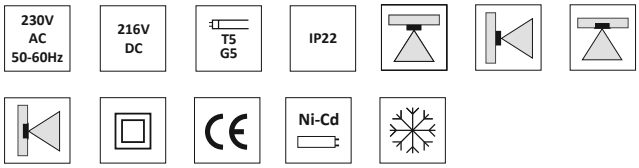
EMERGENCY ESCAPE LIGHTING

TIGER



MATERIALS:
White polycarbonate body
Transparent polycarbonate cover
MOUNTING:
Surface (wall, ceiling)
Optional assembly in dry-wall or under plastering
POWER SUPPLY:
Self contained – 230VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
LIGHT SOURCE:
8W fluorescent lamp
CHARGING:
Maximum 24h
AUTONOMY AND BATTERIES:
1h, 2h, 3h , Ni-Cd batteries
INSULATION CLASS:
II
IP RATING:
IP22
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
Optional adaptation of the fixture for low temperatures up to -25°C
III class of insulation of FZLV version





SELF CONTAINED CONFIGURATION

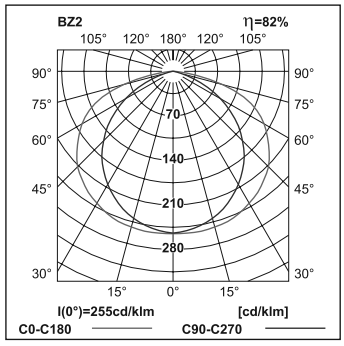
CODE	POWER [W]	AUTONOMY [h]			MODE		OPTION		
TG	8	1	2	3	SE	SA	PT	AT	RS

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]	SYSTEM	OPTION		
TG	8	CB	CBS	ADS	ADL

Photometry

TG – 8W



Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
TG – fixture Tiger

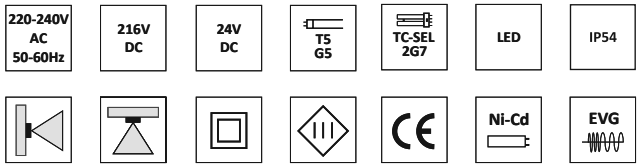
EMERGENCY ESCAPE LIGHTING

PANORAMA & PANORAMA LED



MATERIALS:
White plastic body
Opal plastic cover
MOUNTING:
Surface (wall, ceiling)
POWER SUPPLY:
Self contained – 230VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24 VDC
LIGHT SOURCE:
8W, 11W fluorescent lamp
3,2W LED
CHARGING:
Maximum 24h
AUTONOMY & BATTERIES:
1h, 2h or 3h, Ni-Cd batteries
INSULATION CLASS:
II
IP RATING:
IP54
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – RUBIC central monitoring
FZLV – central battery FZLV
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class of insulation of FZLV version





SELF CONTAINED CONFIGURATION

CODE	POWER [W]		AUTONOMY [h]			MODE		OPTION		
P	8	11	1	2	3	SE	SA	PT	AT	RS
PML	3,2		1	2	3	SE	SA	PT	AT	RS

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]		SYSTEM	OPTION		
P	8	11	CB	CBS	ADS	ADL
PML	3,2		CB	CBS	ADS	ADL

FZLV SYSTEM CONFIGURATION

CODE	POWER [W]	SYSTEM
PML	3,2	FZLV

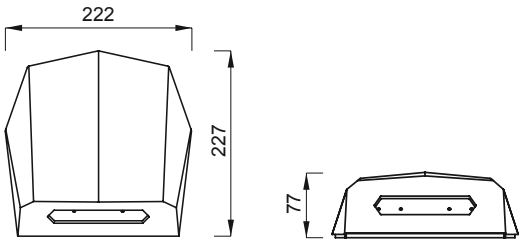
Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – RUBIC central monitoring
FZLV – central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
P – fixture Panorama
PML – fixture Panorama LED

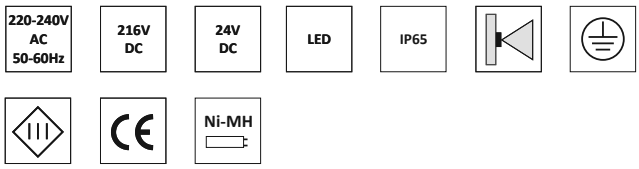
EMERGENCY ESCAPE LIGHTING

OUTDOOR LED

MATERIALS:
Stainless steel painted white
MOUNTING:
Surface (wall)
POWER SUPPLY:
Self contained – 220÷240VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24 VDC
LIGHT SOURCE:
3x1W (256lm) power LED
CHARGING:
Maximum 12h; energy-saving electronic impulse charger
AUTONOMY & BATTERIES:
1h, 2h, or 3h, Ni-MH batteries
INSULATION CLASS:
I
IP RATING:
IP 65
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
AT – autotest
RS – RUBIC central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class of insulation of FZLV version







SELF CONTAINED CONFIGURATION

CODE	POWER [W]	AUTONOMY [h]			MODE		OPTION		
ODB	3x1	1	2	3	SE	SA	PT	AT	RS

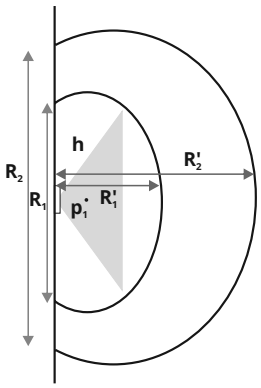
CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]	SYSTEM	OPTION		
ODB	3x1	CB	CBS	ADS	ADL

FZLV SYSTEM CONFIGURATION

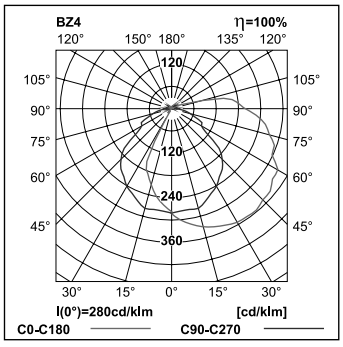
CODE	POWER [W]	SYSTEM
ODB	3x1	FZLV

Legend:
SE – non maintained
SA – maintained
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
ODB – fixture Outdoor LED



R_1 – radius of the illumination for avg. 5lx
R_1' – distance from the wall for avg. 5lx
R_2 – radius of the illumination for avg. 1lx
R_2' – distance from the wall for avg. 1lx
h – assembly height of the fitting
p_1 – max light intensity under the luminaire

Photometry



ODB 3x1W (256lm)

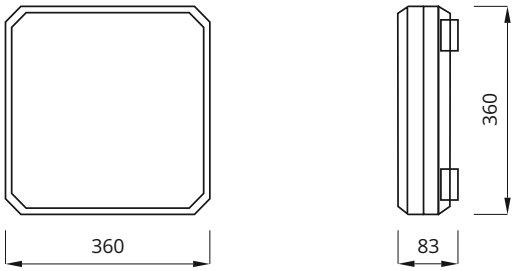
h [m] - assembly height of the fitting	p1 [lx] - max under the fitting	R1 [m] for avg. 5lx	R1' [m] for avg. 5lx	R2 [m] for avg. 1lx	R2' [m] for avg. 1lx
2	22	3,7	2,6	6,2	4,9
2,2	18	3,7	2,6	6,4	5
2,4	15	3,6	2,6	6,6	5,1
2,6	12	3,5	2,6	6,9	5,2
2,8	11	3,4	2,5	7,2	5,4
3	9,3	3,2	2,4	7,4	5,5
3,2	8,1	2,9	2,3	7,7	5,8
3,4	7,1	2,5	2,1	7,9	5,7
3,6	6,3	2,1	1,9	8,1	5,7

EMERGENCY ESCAPE LIGHTING

SQUARE



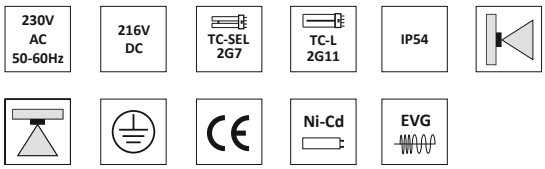
MATERIALS:
White plastic body
Opal plastic cover
MOUNTING:
Surface (wall, ceiling)
POWER SUPPLY:
Self contained – 230VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
LIGHT SOURCE:
1x 11W, 18W fluorescent lamp
2x 11W, 18W fluorescent lamp
CHARGING:
Maximum 24h
AUTONOMY & BATTERIES:
1h, 2h or 3h, Ni-Cd batteries
INSULATION CLASS:
I
IP RATING:
IP54
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – RUBIC central monitoring
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection



SELF CONTAINED CONFIGURATION

CODE	POWER [W]				AUTONOMY [h]			MODE		OPTION		
SD	11	2x11	18	2x18*	1	2	3	SE	SA	PT	AT	RS

* AVAILABLE ONLY IN NON-MAINTAINED VERSION

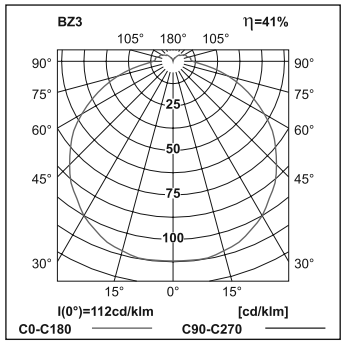


CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]				SYSTEM	OPTION		
SD	11	2x11	18	2x18	CB	CBS	ADS	ADL

Photometry

SD – 18W



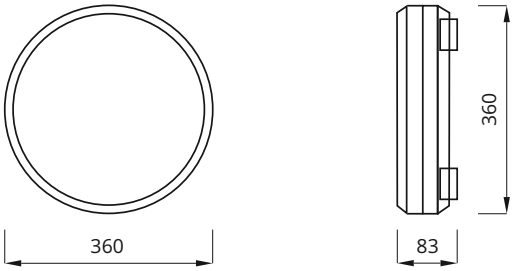
Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – RUBIC central monitoring
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
SD – fixture Square

EMERGENCY ESCAPE LIGHTING

TWISTER



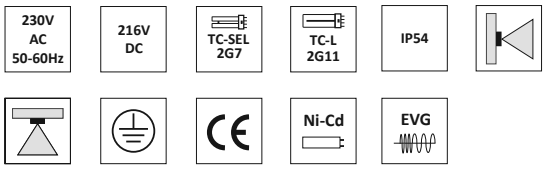
MATERIALS:
White plastic body
Opal plastic cover
MOUNTING:
Surface (wall, ceiling)
POWER SUPPLY:
Self contained – 230VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
LIGHT SOURCE:
1x 11W, 18W fluorescent lamp
2x 11W, 18W fluorescent lamp
CHARGING:
Maximum 24h
AUTONOMY & BATTERIES:
1h, 2h or 3h, Ni-Cd batteries
INSULATION CLASS:
I
IP RATING:
IP54
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – RUBIC central monitoring
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deepdischargeprotection



SELF CONTAINED CONFIGURATION

CODE	POWER [W]				AUTONOMY [h]			MODE		OPTION		
TD	11	2x11	18	2x18*	1	2	3	SE	SA	PT	AT	RS

* AVAILABLE ONLY IN NON-MAINTAINED VERSION

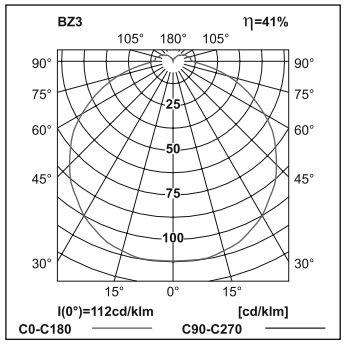


CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]				SYSTEM	OPTION		
TD	11	2x11	18	2x18	CB	CBS	ADS	ADL

Photometry

TD – 18W



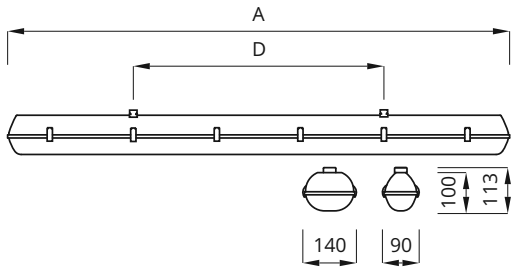
Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – RUBIC central monitoring
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
TD – fixture Twister

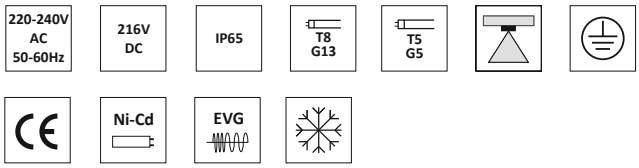
EMERGENCY ESCAPE LIGHTING

HERMETICA



MATERIALS:
Grey polycarbonate body
Transparent polycarbonate cover
MOUNTING:
Surface (ceiling)
POWER SUPPLY:
Self contained – 220÷240VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
LIGHT SOURCE:
1x 14, 18, 24, 28, 35, 36, 49, 54, 58, 80W fluorescent lamp
2x 14, 18, 24, 28, 35, 36, 49, 54, 58, 80W fluorescent lamp
CHARGING:
Maximum 12h
AUTHONOMY AND BATTERIES:
1h, 2h or 3h, Ni-Cd batteries
INSULATION CLASS:
I
IP RATING:
IP65
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – RUBIC central monitoring
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
Optional adaptation of the fixture for low temperatures up to –25 °C
Protection against mechanical impacts – IK08





Dimensions [mm]

POWER [W]	AxD
1x14/18/24	670x350
2x14/18/24	670x350
1x28/36/54	1270x700
2x28/36/54	1270x700
1x35/49/58/80	1570x940
2x35/49/58/80	1570x940

SELF CONTAINED CONFIGURATION

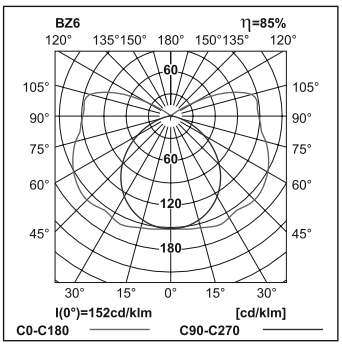
CODE	POWER [W]		AUTONOMY [h]			MODE		OPTION		
HR	14	2x14	1	2	3	SE	SA	PT	AT	RS
HR	18	2x18	1	2	3	SE	SA	PT	AT	RS
HR	24	2x24	1	2	3	SE	SA	PT	AT	RS
HR	28	2x28	1	2	3	SE	SA	PT	AT	RS
HR	35	2x35	1	2	3	SE	SA	PT	AT	RS
HR	36	2x36	1	2	3	SE	SA	PT	AT	RS
HR	49	2x49	1	2	3	SE	SA	PT	AT	RS
HR	54	2x54	1	2	3	SE	SA	PT	AT	RS
HR	58	2x58	1	2	3	SE	SA	PT	AT	RS
HR	80	2x80	1	2	3	SE	SA	PT	AT	RS

CENTRAL BATTERY CONFIGURATION

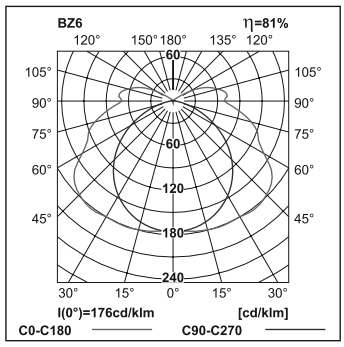
CODE	POWER [W]		SYSTEM	OPTION		
HR	14	2x14	CB	CBS	ADS	ADL
HR	18	2x18	CB	CBS	ADS	ADL
HR	24	2x24	CB	CBS	ADS	ADL
HR	28	2x28	CB	CBS	ADS	ADL
HR	35	2x35	CB	CBS	ADS	ADL
HR	36	2x36	CB	CBS	ADS	ADL
HR	49	2x49	CB	CBS	ADS	ADL
HR	54	2x54	CB	CBS	ADS	ADL
HR	58	2x58	CB	CBS	ADS	ADL
HR	80	2x80	CB	CBS	ADS	ADL

Photometry

HR – 1x18W



HR – 2x18W



Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – RUBIC central monitoring
CB – central battery
CBS – central battery (circuit monitoring)
ADS – fixture to the central battery with address module ADS 20
ADL – fixture to the central battery with address module ADL
HR – fixture Hermetica

EMERGENCY ESCAPE LIGHTING

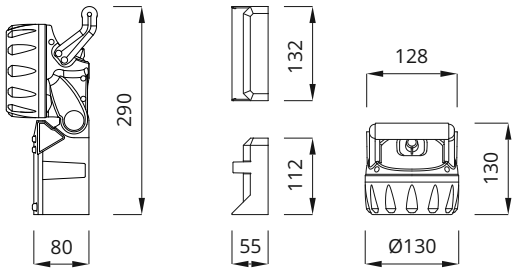
JOBLED

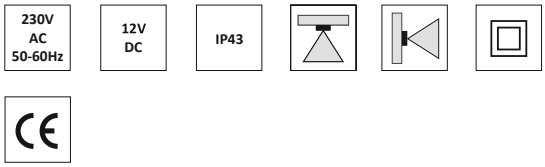
MATERIALS:
Black, hit resistant polycarbonate
POWER SUPPLY:
230 VAC/50Hz optionally – 12 VDC
LIGHT SOURCE:
3W (120 lm) highpower LED
CHARGING:
Maximum 24h
AUTONOMY & BATTERIES:
8,5h 6V / 4,0 Ah batteries
INSULATION CLASS:
II
IP RATING:
IP43
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Charging through wall mounted adapter or directly from mains 230V



SELF CONTAINED CONFIGURATION

CODE	POWER [W]	AUTONOMY [h]
JOBLED	3	8,5







EMERGENCY EXIT SIGNS

SK-8	36
INFINITY B	37
INFINITY AC & INFINITY AS	38
INFINITY AD & INFINITY AR	39
TWINS	40
PLEXI LED	41
ESCAPE & ESCAPE LED	42
HELIOS & HELIOS LED	43
HELIOS DS & HELIOS DS LED	44
HELIOS P & HELIOS P LED	45
TIGER & TIGER LED	46
TIGER DS & TIGER DS LED	47
TIGER P & TIGER P LED	48
PANORAMA & PANORAMA LED	49
SCREEN	50
SCREEN DS	51
EMX	52
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SK-8


INFINITY B


INFINITY AC & INFINITY AS



INFINITY AD & INFINITY AR



TWINS


PLEXI LED


ESCAPE & ESCAPE LED


HELIOS & HELIOS LED


HELIOS DS & HELIOS DS LED


HELIOS P & HELIOS P LED


TIGER & TIGER LED


TIGER DS & TIGER DS LED


TIGER P & TIGER P LED



PANORAMA & PANORAMA LED


SCREEN


SCREEN DS



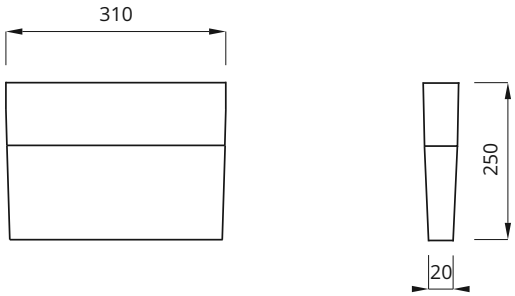
EMX

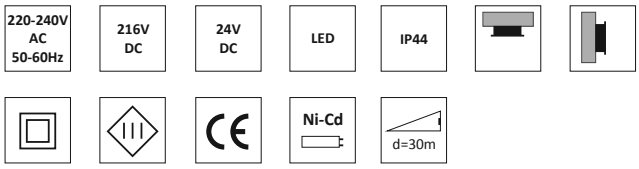

QUADRO

TWO-SIDED EMERGENCY EXIT SIGNS

SK-8







MATERIALS:
White polycarbonate body
Opal or transparent polycarbonate cover
MOUNTING:
Surface (ceiling, wall)
POWER SUPPLY:
Self contained – 220÷240VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
1,2W or 3,2W LED
CHARGING:
Maximum 24h
AUTONOMY AND BATTERIES:
1h, 2h, 3h, Ni-Cd batteries
INSULATION CLASS:
II
IP RATING:
IP44
VIEWING DISTANCE:
30m
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class of insulation of FZLV version



*see pictogram

SELF CONTAINED CONFIGURATION

CODE	POWER [W]		AUTONOMY [h]			MODE		OPTION			COLOR/COVER			
SK8	1,2	3,2	1	2	3	SE	SA	PT	AT	RS	WT	WL	GT	GL

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]		SYSTEM	OPTION			COLOR/COVER			
SK8	1,2	3,2	CB	CBS	ADS	ADL	WT	WL	GT	GL

FZLV SYSTEM CONFIGURATION

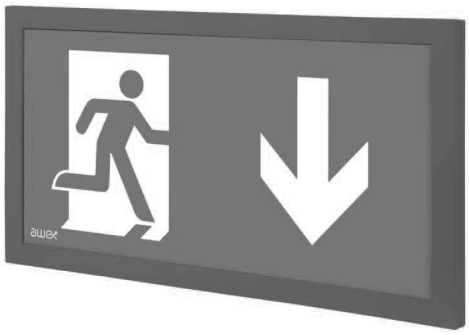
CODE	POWER [W]		SYSTEM	COLOR/COVER			
SK8	1,2	3,2	FZLV	WT	WL	GT	GL

Legend:
SE – non maintained
SA – maintained
PT - manual test button
AT - autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
SK8 - fixture SK-8
WT - white body and transparent cover
WL - white body and opal cover
GT - grey body and transparent cover
GL - grey body and opal cover

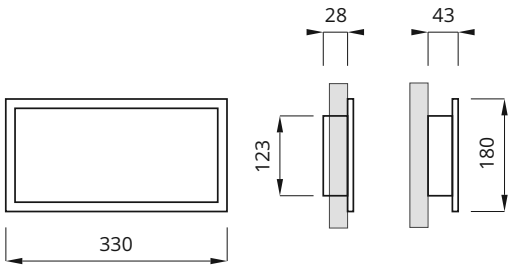
*Emergency exit sign fixtures do not include any pictogram in the set. Pictograms have to be chosen and ordered as a separate item.

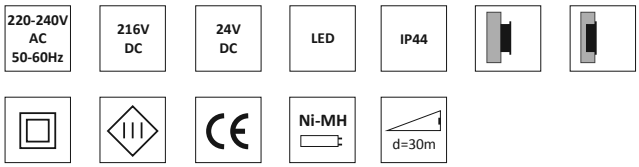
ONE-SIDED EMERGENCY EXIT SIGNS

INFINITY B



MATERIALS:
White, grey or black polycarbonate body
Plexi glass
MOUNTING:
Recessed (wall)
Surface (wall)
POWER SUPPLY:
Self contained – 220÷240VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
3,2W LED
CHARGING:
Maximum 12h; energy-saving electronic impulse charger
AUTONOMY AND BATTERIES:
1h, 2h, 3h, Ni-MH batteries
INSULATION CLASS:
II
IP RATING:
IP44
VIEWING DISTANCE:
30m
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class of insulation of FZLV version





SELF CONTAINED CONFIGURATION

CODE	POWER [W]	AUTONOMY [h]			MODE		OPTION			COLOR		
IFB	3,2	1	2	3	SE	SA	PT	AT	RS	WH	GR	BL

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]	SYSTEM	OPTION			COLOR		
IFB	3,2	CB	CBS	ADS	ADL	WH	GR	BL

FZLV SYSTEM CONFIGURATION

CODE	POWER [W]	SYSTEM	COLOR		
IFB	3,2	FZLV	WH	GR	BL



*see pictogram

Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
IFB – fixture Infinity B
WH – fixture in white color
GR – fixture in grey color
BL – fixture in black color

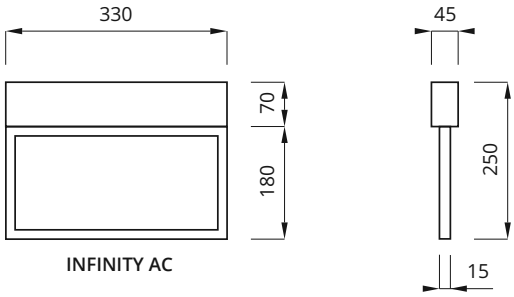
*Emergency exit sign fixtures do not include any pictogram in the set. Pictograms have to be chosen and ordered as a separate item.

TWO-SIDED EMERGENCY EXIT SIGNS

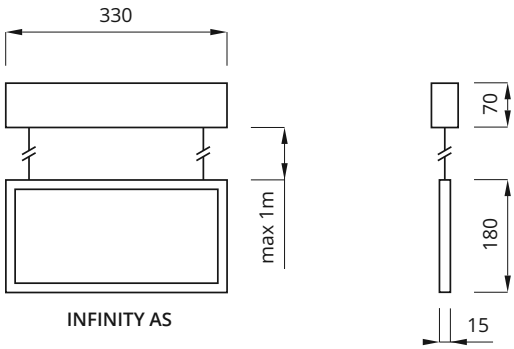
INFINITY AC & INFINITY AS



MATERIALS:
White, grey or black polycarbonate body
Plexi glass
MOUNTING:
Surface (ceiling, rope sling)
Optional wall assembly using the bracket
POWER SUPPLY:
Self contained – 220÷240VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
3,2W LED
CHARGING:
Maximum 12h; energy-saving electronic impulse charger
AUTONOMY AND BATTERIES:
1h, 2h, 3h, Ni-MH batteries
INSULATION CLASS:
II
IP RATING:
IP44
VIEWING DISTANCE:
30m
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator mains power supply and battery charge
Deep discharge protection
III class of insulation of FZLV version



INFINITY AC



INFINITY AS

SELF CONTAINED CONFIGURATION

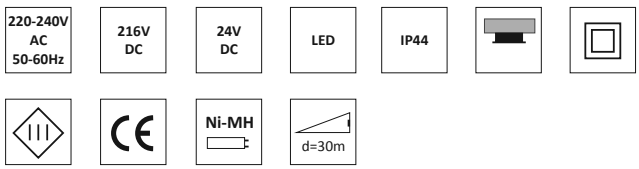
CODE	POWER [W]	AUTONOMY [h]			MODE		OPTION			COLOR		
IFAC	3,2	1	2	3	SE	SA	PT	AT	RS	WH	GR	BL
IFAS	3,2	1	2	3	SE	SA	PT	AT	RS	WH	GR	BL

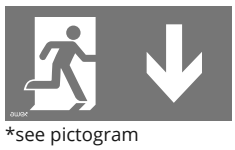
CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]	SYSTEM	OPTION			COLOR		
IFAC	3,2	CB	CBS	ADS	ADL	WH	GR	BL
IFAS	3,2	CB	CBS	ADS	ADL	WH	GR	BL

FZLV SYSTEM CONFIGURATION

CODE	POWER [W]	SYSTEM	COLOR		
IFAC	3,2	FZLV	WH	GR	BL
IFAS	3,2	FZLV	WH	GR	BL




*see pictogram

Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
IFAC – fixture Infinity AC
IFAS – fixture Infinity AS
WH – fixture in white color
GR – fixture in grey color
BL – fixture in black color

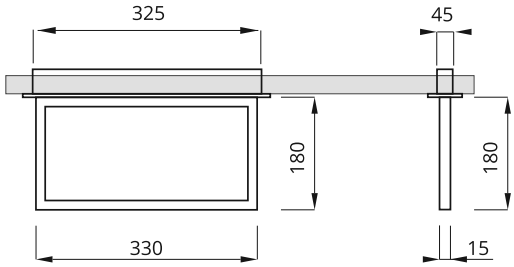
*Emergency exit sign fixtures do not include any pictogram in the set. Pictograms have to be chosen and ordered as a separate item.

TWO-SIDED EMERGENCY EXIT SIGNS

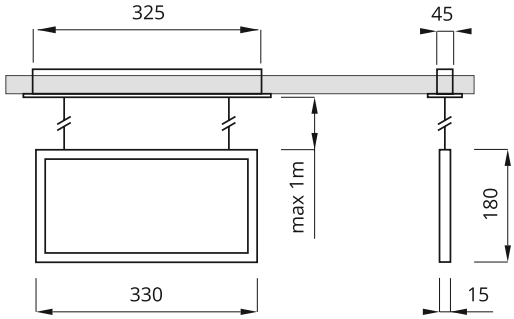
INFINITY AD & INFINITY AR



MATERIALS:
Steel body in gray, black or white color
Plexi glass in grey, black or white polycarbonate frame
MOUNTING:
Recessed (ceiling, rope sling)
POWER SUPPLY:
Self contained – 220÷240VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
3,2W LED
CHARGING:
Maximum 12h; energy-saving electronic impulse charger
AUTONOMY AND BATTERIES:
1h, 2h, 3h, Ni-MH batteries
INSULATION CLASS:
II
IP RATING:
IP44
VIEWING DISTANCE:
30m
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class of insulation of FZLV version



INFINITY AD



INFINITY AR

SELF CONTAINED CONFIGURATION

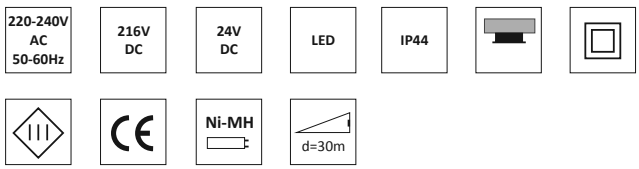
CODE	POWER [W]	AUTONOMY [h]			MODE		OPTION			COLOR		
IFAD	3,2	1	2	3	SE	SA	PT	AT	RS	WH	GR	BL
IFAR	3,2	1	2	3	SE	SA	PT	AT	RS	WH	GR	BL

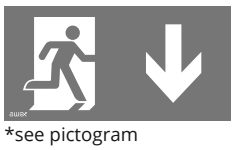
CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]	SYSTEM	OPTION			COLOR		
IFAD	3,2	CB	CBS	ADS	ADL	WH	GR	BL
IFAR	3,2	CB	CBS	ADS	ADL	WH	GR	BL

FZLV SYSTEM CONFIGURATION

CODE	POWER [W]	SYSTEM	COLOR		
IFAD	3,2	FZLV	WH	GR	BL
IFAR	3,2	FZLV	WH	GR	BL




*see pictogram

Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
IFAD – fixture Infinity AD
IFAR – fixture infinity AR
WH – fixture in white color
GR – fixture in grey color
BL – fixture in black color

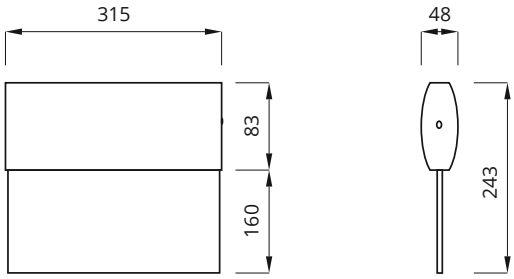
*Emergency exit sign fixtures do not include any pictogram in the set. Pictograms have to be chosen and ordered as a separate item.

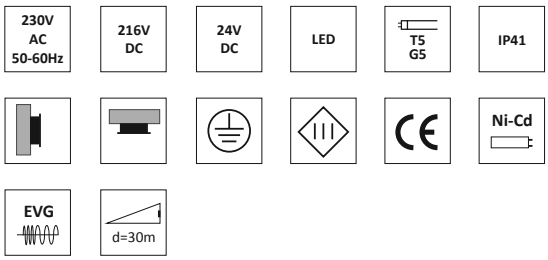
TWO-SIDED EMERGENCY EXIT SIGNS

TWINS



MATERIALS:
Silver or black aluminium body
Plexi glass
MOUNTING:
Surface (ceiling, wall)
Assembly on rope slings or wall mounting bracket as an option
POWER SUPPLY:
Self contained – 230VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
1,2W LED
8W fluorescent lamp
CHARGING:
Maximum 24h
AUTONOMY AND BATTERIES:
1h, 2h, 3h, Ni-Cd batteries
INSULATION CLASS:
I
IP RATING:
IP41
VIEWING DISTANCE:
30m
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class of insulation of FZLV version







*see pictogram

SELF CONTAINED CONFIGURATION

CODE	POWER [W]		AUTONOMY [h]			MODE		OPTION		
TW	1,2	8	1	2	3	SE	SA	PT	AT	RS
TWB	1,2	8	1	2	3	SE	SA	PT	AT	RS

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]		SYSTEM	OPTION		
TW	1,2	8	CB	CBS	ADS	ADL
TWB	1,2	8	CB	CBS	ADS	ADL

FZLV SYSTEM CONFIGURATION

CODE	POWER [W]	SYSTEM
TW	1,2	FZLV
TWB	1,2	FZLV

Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
TW – fixture Twins
TWB – fixture Twins black

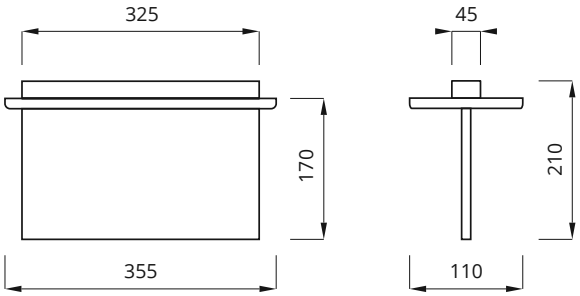
*Emergency exit sign fixtures do not include any pictogram in the set. Pictograms have to be chosen and ordered as a separate item.

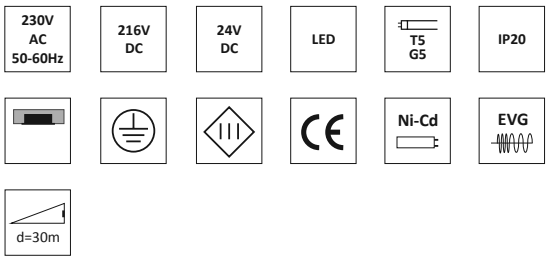
TWO-SIDED EMERGENCY EXIT SIGNS

PLEXI LED



MATERIALS:
Steel body in grey or white color
Plexi glass
MOUNTING:
Recessed (ceiling)
POWER SUPPLY:
Self contained – 230VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
1,2W LED
8W fluorescent lamp
CHARGING:
Maximum 24h
AUTONOMY AND BATTERIES:
1h, 2h, 3h, Ni-Cd batteries
INSULATION CLASS:
I
IP RATING:
IP20
VIEWING DISTANCE:
30m
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class of insulation of FZLV version





SELF CONTAINED CONFIGURATION

CODE	POWER [W]	AUTONOMY [h]			MODE		OPTION			COLOR	
PL	1,2	1	2	3	SE	SA	PT	AT	RS	GR	WH
PL	8	1	2	3	SE	SA	PT	AT	RS	GR	WH

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]	SYSTEM	OPTION			COLOR	
PL	1,2	CB	CBS	ADS	ADL	GR	WH
PL	8	CB	CBS	ADS	ADL	GR	WH

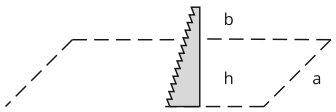
FZLV SYSTEM CONFIGURATION

CODE	POWER [W]	SYSTEM
PL	1,2	FZLV



*see pictogram

Dimensions of assembly hole [a x b x h] 65 x 330 x 110mm



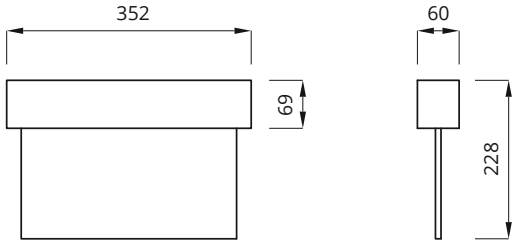
Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
PL – fixture Plexi led
GR – fixture in grey color
WH – fixture in white color

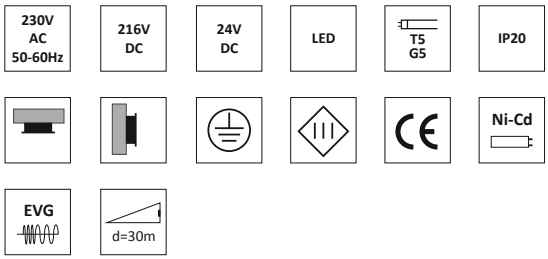
*Emergency exit sign fixtures do not include any pictogram in the set. Pictograms have to be chosen and ordered as a separate item.

TWO-SIDED EMERGENCY EXIT SIGNS

ESCAPE & ESCAPE LED









*see pictogram

MATERIALS:
Steel body in white color
Plexi glass
MOUNTING:
Surface (ceiling)
Optional wall assembly using the bracket
POWER SUPPLY:
Self contained – 230VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
1,2W LED
8W fluorescent lamp
CHARGING:
Maximum 24h
AUTONOMY AND BATTERIES:
1h, 2h, 3h, Ni-Cd batteries
INSULATION CLASS:
I
IP RATING:
IP20
VIEWING DISTANCE:
30m
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class of insulation of FZLV version

SELF CONTAINED CONFIGURATION

CODE	POWER [W]	AUTONOMY [h]			MODE		OPTION		
E	8	1	2	3	SE	SA	PT	AT	RS
EL	1,2	1	2	3	SE	SA	PT	AT	RS

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]	SYSTEM	OPTION		
E	8	CB	CBS	ADS	ADL
EL	1,2	CB	CBS	ADS	ADL

FZLV SYSTEM CONFIGURATION

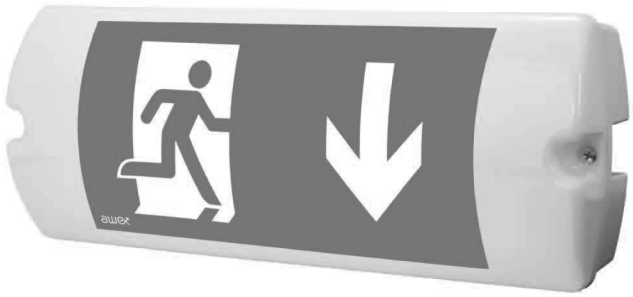
CODE	POWER [W]	SYSTEM
EL	1,2	FZLV

Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
E – fixture Escape
EL – fixture Escape LED

*Emergency exit sign fixtures do not include any pictogram in the set. Pictograms have to be chosen and ordered as a separate item.

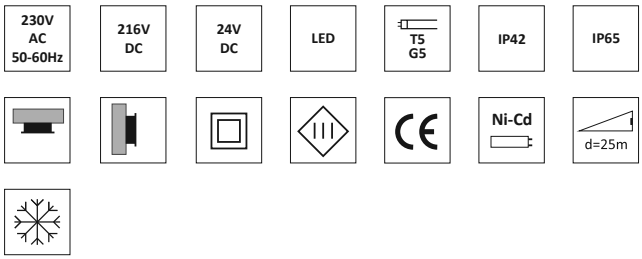
ONE-SIDED EMERGENCY EXIT SIGNS

HELIOS & HELIOS LED



MATERIALS:
White polycarbonate body
Transparent cover with Fresnel optics or opal polycarbonate cover
MOUNTING:
Surface (wall)
Optional assembly with wall or ceiling bracket
POWER SUPPLY:
Self contained – 230VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
1,2W LED
8W fluorescent lamp
CHARGING:
Maximum 24h
AUTONOMY AND BATTERIES:
1h, 2h, 3h, Ni-Cd batteries
INSULATION CLASS:
II
IP RATING:
IP42 or IP65
VIEWING DISTANCE:
25m
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
Optional adaptation of the fixture for low temperatures up to -25°C
Protection against mechanical impacts – IK08
III class of insulation of FZLV version





SELF CONTAINED CONFIGURATION

CODE	POWER [W]	AUTONOMY [h]			MODE		OPTION			COVER
H	8	1	2	3	SE	SA	PT	AT	RS	TF
HE	8	1	2	3	SE	SA	PT	AT	RS	TF
HL	1,2	1	2	3	SE	SA	PT	AT	RS	OP
HEL	1,2	1	2	3	SE	SA	PT	AT	RS	OP



*see pictogram

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]	SYSTEM	OPTION			COVER
H	8	CB	CBS	ADS	ADL	TF
HE	8	CB	CBS	ADS	ADL	TF
HL	1,2	CB	CBS	ADS	ADL	OP
HEL	1,2	CB	CBS	ADS	ADL	OP

FZLV SYSTEM CONFIGURATION

CODE	POWER [W]	SYSTEM	COVER
HL	1,2	FZLV	OP
HEL	1,2	FZLV	OP

Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
HE – fixture Helios IP42
H – fixture Helios IP65
HEL – fixture Helios led IP42
HL – fixture Helios led IP65
TF – transparent cover with Fresnel optics
OP – opal polycarbonate cover

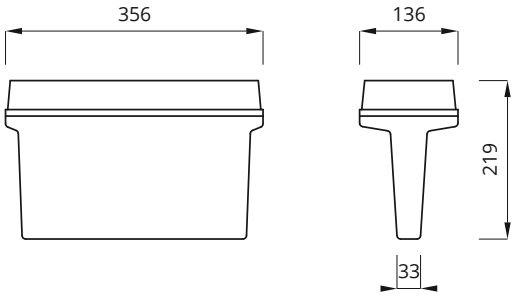
*Emergency exit sign fixtures do not include any pictogram in the set. Pictograms have to be chosen and ordered as a separate item.

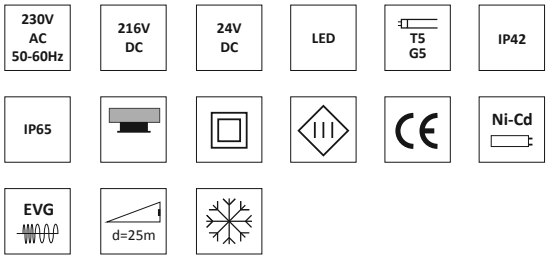
TWO-SIDED EMERGENCY EXIT SIGNS

HELIOS DS & HELIOS DS LED



MATERIALS:
White polycarbonate body
Opal polycarbonate cover
MOUNTING:
Surface (ceiling)
POWER SUPPLY:
Self contained – 230VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
1,2W LED
8W fluorescent lamp
CHARGING:
Maximum 24h
AUTONOMY AND BATTERIES:
1h, 2h, 3h, Ni-Cd batteries
INSULATION CLASS:
II
IP RATING:
IP42 or IP65
VIEWING DISTANCE:
25m
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
Optional adaptation of the fixture for low temperatures up to -25°C
Protection against mechanical impacts – IK08
III class of insulation of FZLV version







*see pictogram

SELF CONTAINED CONFIGURATION

CODE	POWER [W]	AUTONOMY [h]			MODE		OPTION		
HD	8	1	2	3	SE	SA	PT	AT	RS
HDE	8	1	2	3	SE	SA	PT	AT	RS
HDL	1,2	1	2	3	SE	SA	PT	AT	RS
HDEL	1,2	1	2	3	SE	SA	PT	AT	RS

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]	SYSTEM	OPTION		
HD	8	CB	CBS	ADS	ADL
HDE	8	CB	CBS	ADS	ADL
HDL	1,2	CB	CBS	ADS	ADL
HDEL	1,2	CB	CBS	ADS	ADL

FZLV SYSTEM CONFIGURATION

CODE	POWER [W]	SYSTEM
HDL	1,2	FZLV
HDEL	1,2	FZLV

Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
HDE – fixture Helios DS IP42
HD – fixture Helios DS IP65
HDEL – fixture Helios DS LED IP42
HDL – fixture Helios DS LED IP65

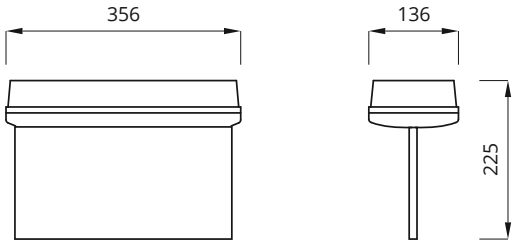
*Emergency exit sign fixtures do not include any pictogram in the set. Pictograms have to be chosen and ordered as a separate item.

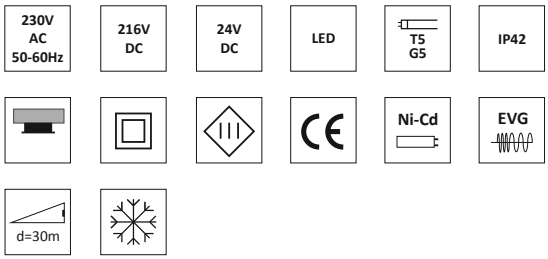
TWO-SIDED EMERGENCY EXIT SIGNS

HELIOS P & HELIOS P LED



MATERIALS:
White polycarbonate body
Transparent cover with Fresnel optics
Plexi glass
MOUNTING:
Surface (ceiling)
POWER SUPPLY:
Self contained – 230VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
1,2W LED
8W fluorescent lamp
CHARGING:
Maximum 24h
AUTONOMY AND BATTERIES:
1h, 2h, 3h, Ni-Cd batteries
INSULATION CLASS:
II
IP RATING:
IP42
VIEWING DISTANCE:
30m
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
Optional adaptation of the fixture for low temperatures up to -25°C
Protection against mechanical impacts – Ik07
III class of insulation of FZLV version





SELF CONTAINED CONFIGURATION

CODE	POWER [W]	AUTONOMY [h]			MODE		OPTION		
HP	8	1	2	3	SE	SA	PT	AT	RS
HPL	1,2	1	2	3	SE	SA	PT	AT	RS



*see pictogram

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]	SYSTEM	OPTION		
HP	8	CB	CBS	ADS	ADL
HPL	1,2	CB	CBS	ADS	ADL

FZLV SYSTEM CONFIGURATION

CODE	POWER [W]	SYSTEM
HPL	1,2	FZLV

Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
HP – fixture Helios P
HPL – fixture Helios P LED

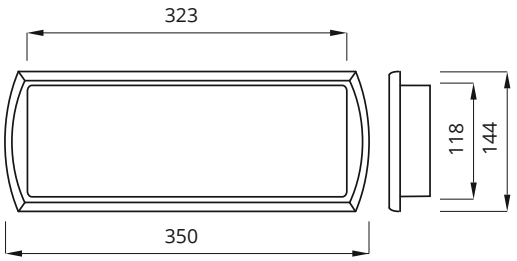
*Emergency exit sign fixtures do not include any pictogram in the set. Pictograms have to be chosen and ordered as a separate item.

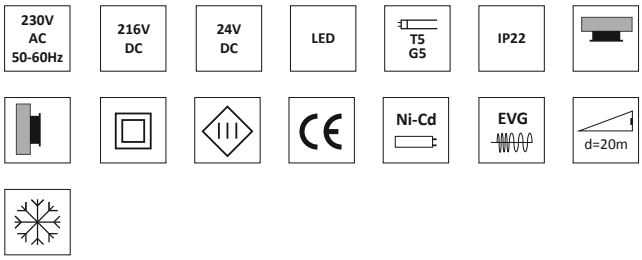
ONE-SIDED EMERGENCY EXIT SIGNS

TIGER & TIGER LED



MATERIALS:
White polycarbonate body
Transparent or opal polycarbonate cover
MOUNTING:
Surface (wall)
Optional assembly in dry-wall or ceiling bracket
POWER SUPPLY:
Self contained – 230VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
1,2W LED
8W fluorescent lamp
CHARGING:
Maximum 24h
AUTONOMY AND BATTERIES:
1h, 2h, 3h, Ni-Cd batteries
INSULATION CLASS:
II
IP RATING:
IP22
VIEWING DISTANCE:
20m
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
Optional adaptation of the fixture for low temperatures up to -25°C
III class of insulation of FZLV version





SELF CONTAINED CONFIGURATION

CODE	POWER [W]	AUTONOMY [h]			MODE		OPTION			COVER
TG	8	1	2	3	SE	SA	PT	AT	RS	TR
TL	1,2	1	2	3	SE	SA	PT	AT	RS	OP



*see pictogram

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]	SYSTEM	OPTION			COVER
TG	8	CB	CBS	ADS	ADL	TR
TL	1,2	CB	CBS	ADS	ADL	OP

FZLV SYSTEM CONFIGURATION

CODE	POWER [W]	SYSTEM	COVER	
TL	1,2	FZLV	TR	OP

Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
TG – fixture Tiger
TL – fixture Tiger LED
TR – transparent polycarbonate cover
OP – opal polycarbonate cover

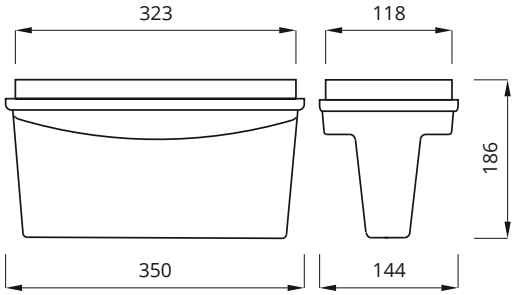
*Emergency exit sign fixtures do not include any pictogram in the set. Pictograms have to be chosen and ordered as a separate item.

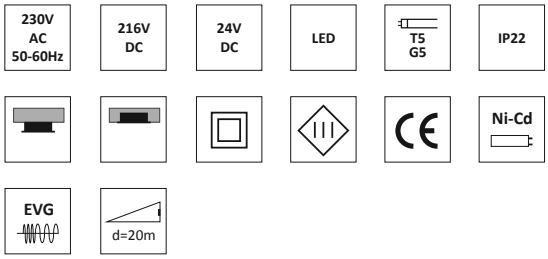
TWO-SIDED EMERGENCY EXIT SIGNS

TIGER DS & TIGER DS LED



MATERIALS:
White polycarbonate body
Opal polycarbonate cover
MOUNTING:
Surface (ceiling)
Optional assembly in dry-wall or ceiling bracket
POWER SUPPLY:
Self contained – 230VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
1,2W LED
8W fluorescent lamp
CHARGING:
Maximum 24h
AUTONOMY AND BATTERIES:
1h, 2h, 3h , Ni-Cd batteries
INSULATION CLASS:
II
IP RATING:
IP22
VIEWING DISTANCE:
20m
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class of insulation of FZLV version





SELF CONTAINED CONFIGURATION

CODE	POWER [W]	AUTONOMY [h]			MODE		OPTION		
TGS	8	1	2	3	SE	SA	PT	AT	RS
TSL	1,2	1	2	3	SE	SA	PT	AT	RS



*see pictogram

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]	SYSTEM	OPTION		
TGS	8	CB	CBS	ADS	ADL
TSL	1,2	CB	CBS	ADS	ADL

FZLV SYSTEM CONFIGURATION

CODE	POWER [W]	SYSTEM
TSL	1,2	FZLV

Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
TGS – fixture Tiger DS
TSL – fixture Tiger DS LED

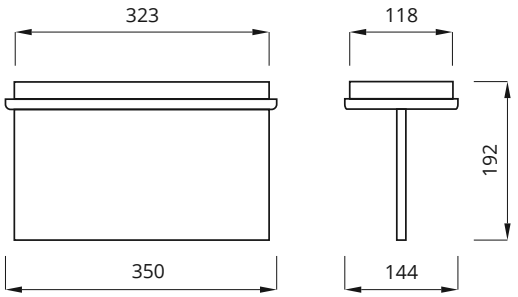
*Emergency exit sign fixtures do not include any pictogram in the set. Pictograms have to be chosen and ordered as a separate item.

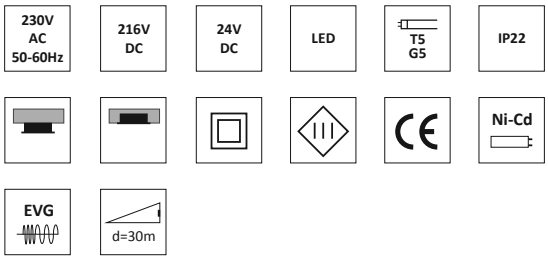
TWO-SIDED EMERGENCY EXIT SIGNS

TIGER P & TIGER P LED



MATERIALS:
White polycarbonate body
Transparent polycarbonate cover
Plexi glass
MOUNTING:
Surface (ceiling)
Optional assembly in dry-wall or ceiling bracket
POWER SUPPLY:
Self contained – 230VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
8W fluorescent lamp
1,2W LED
CHARGING:
Maximum 24h
AUTONOMY AND BATTERIES:
1h, 2h, 3h , Ni-Cd batteries
INSULATION CLASS:
II
IP RATING:
IP22
VIEWING DISTANCE:
30m
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class of insulation of FZLV version







*see pictogram

SELF CONTAINED CONFIGURATION

CODE	POWER [W]	AUTONOMY [h]			MODE		OPTION		
TP	8	1	2	3	SE	SA	PT	AT	RS
TPL	1,2	1	2	3	SE	SA	PT	AT	RS

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]	SYSTEM	OPTION		
TP	8	CB	CBS	ADS	ADL
TPL	1,2	CB	CBS	ADS	ADL

FZLV SYSTEM CONFIGURATION

CODE	POWER [W]	SYSTEM
TPL	1,2	FZLV

Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
TP – fixture Tiger P
TPL – fixture Tiger P LED

*Emergency exit sign fixtures do not include any pictogram in the set. Pictograms have to be chosen and ordered as a separate item.

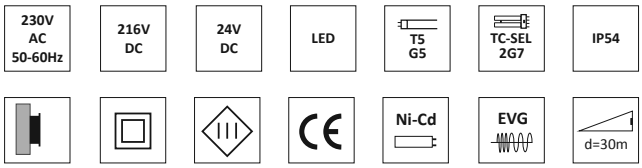
ONE-SIDED EMERGENCY EXIT SIGNS

PANORAMA & PANORAMA LED



MATERIALS:
White plastic body
Opal plastic cover
MOUNTING:
Surface (wall)
POWER SUPPLY:
Self contained – 230VAC/50÷60Hz
Central battery–220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
8W fluorescent lamp
1,2W LED
CHARGING:
Maximum 24h
AUTONOMY AND BATTERIES:
1h, 2h, 3h , Ni-Cd batteries
INSULATION CLASS:
II
IP RATING:
IP54
VIEWING DISTANCE:
30m
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class of insulation of FZLV version





SELF CONTAINED CONFIGURATION

CODE	POWER [W]	AUTONOMY [h]			MODE		OPTION		
P	8	1	2	3	SE	SA	PT	AT	RS
PML	1,2	1	2	3	SE	SA	PT	AT	RS



*see pictogram

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]	SYSTEM	OPTION	
P	8	CB	CBS	ADS
PML	1,2	CB	CBS	ADS

FZLV SYSTEM CONFIGURATION

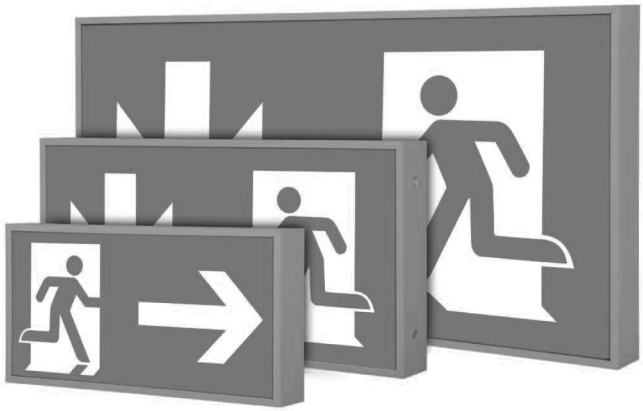
CODE	POWER [W]	SYSTEM
PML	1,2	FZLV

Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
P – fixture Panorama
PML – fixture Panorama LED

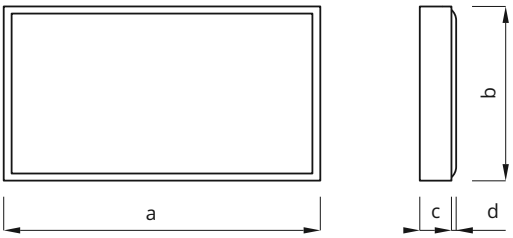
*Emergency exit sign fixtures do not include any pictogram in the set. Pictograms have to be chosen and ordered as a separate item.

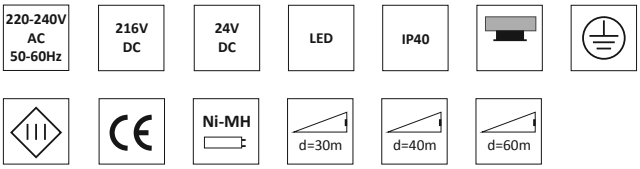
ONE-SIDED EMERGENCY EXIT SIGNS

SCREEN



MATERIALS:
Aluminium body
Plexi glass
MOUNTING:
Surface (wall)
POWER SUPPLY:
Self contained – 220-240VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
SC30 3x1W; SC40 3,2W; SC60 2x3,2W LED
CHARGING:
Maximum 12h; energy-saving electronic impulse charger
AUTONOMY AND BATTERIES:
1h, 2h, 3h , Ni-MH batteries
INSULATION CLASS:
I
IP RATING:
IP40
VIEWING DISTANCE:
30, 40 or 60m (depends on version)
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class of insulation of FZLV version







*see pictogram

SELF CONTAINED CONFIGURATION

CODE	POWER [W]	AUTONOMY [h]			MODE		OPTION		
SC30	3x1	1	2	3	SE	SA	PT	AT	RS
SC40	3,2	1	2	3	SE	SA	PT	AT	RS
SC60	2x3,2	1	2	3	SE	SA	PT	AT	RS

Dimensions [mm]

TYPE	a[mm]	b[mm]	c[mm]	d[mm]
SCS30	315	165	50	8
SCS40	415	215	50	8
SCS60	615	315	50	8

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]	SYSTEM	OPTION		
SC30	3x1	CB	CBS	ADS	ADL
SC40	3,2	CB	CBS	ADS	ADL
SC60	2x3,2	CB	CBS	ADS	ADL

FZLV SYSTEM CONFIGURATION

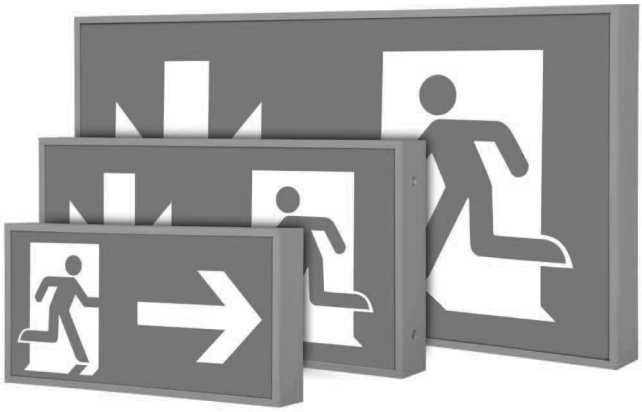
CODE	POWER [W]	SYSTEM
SC30	3x1	FZLV
SC40	3,2	FZLV
SC60	2x3,2	FZLV

Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
SC30 – fixture Screen viewing distance 30m
SC40 – fixture Screen viewing distance 40m
SC60 – fixture Screen viewing distance 60m

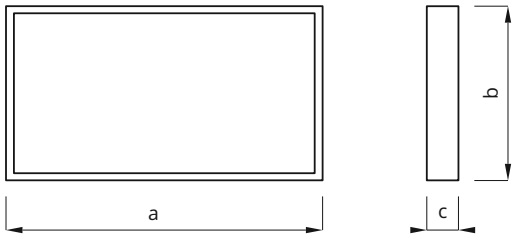
*Emergency exit sign fixtures do not include any pictogram in the set. Pictograms have to be chosen and ordered as a separate item.

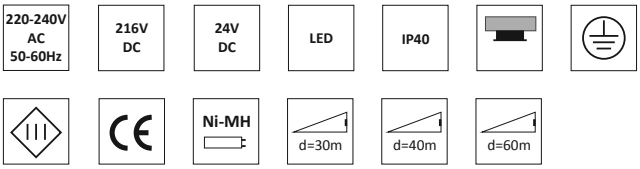
TWO-SIDED EMERGENCY EXIT SIGNS

SCREEN DS



MATERIALS:
Aluminium body
Plexi glass
MOUNTING:
Surface (ceiling) or mounting on a rope sling
POWER SUPPLY:
Self contained – 220-240VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
SCS30 3x1W; SCS40 3,2W; SCS60 2x3,2W LED
CHARGING:
Maximum 12h; energy-saving electronic impulse charger
AUTONOMY AND BATTERIES:
1h, 2h, 3h , Ni-MH batteries
INSULATION CLASS:
I
IP RATING:
IP40
VIEWING DISTANCE:
30, 40 or 60m (depends on version)
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class of insulation of FZLV version







*see pictogram

SELF CONTAINED CONFIGURATION

CODE	POWER [W]	AUTONOMY [h]			MODE		OPTION		
SCS30	3x1	1	2	3	SE	SA	PT	AT	RS
SCS40	3,2	1	2	3	SE	SA	PT	AT	RS
SCS60	2x3,2	1	2	3	SE	SA	PT	AT	RS

Dimensions [mm]

TYPE	a[mm]	b[mm]	c[mm]
SC30	315	165	50
SC40	415	215	50
SC60	615	315	50

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]	SYSTEM	OPTION		
SCS30	3x1	CB	CBS	ADS	ADL
SCS40	3,2	CB	CBS	ADS	ADL
SCS60	2x3,2	CB	CBS	ADS	ADL

FZLV SYSTEM CONFIGURATION

CODE	POWER [W]	SYSTEM
SCS30	3x1	FZLV
SCS40	3,2	FZLV
SCS60	2x3,2	FZLV

Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – fixture for central battery FZLV 24 VDC
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
SCS30 – fixture Screen DS viewing distance 30m
SCS40 – fixture Screen DS viewing distance 40m
SCS60 – fixture Screen DS viewing distance 60m

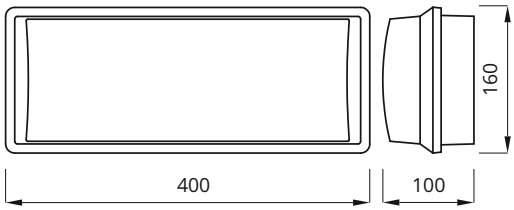
*Emergency exit sign fixtures do not include any pictogram in the set. Pictograms have to be chosen and ordered as a separate item.

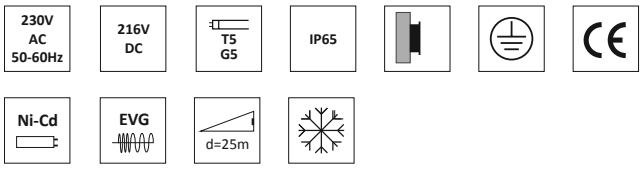
ONE-SIDED EMERGENCY EXIT SIGNS

EMX



MATERIALS:
White polycarbonate body
Transparent polycarbonate cover
MOUNTING:
Surface (wall)
POWER SUPPLY:
Self contained – 230VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
LIGHT SOURCE:
2x8W fluorescent lamp
CHARGING:
Maximum 24h
AUTONOMY AND BATTERIES:
1h, 2h, 3h , Ni-Cd batteries
INSULATION CLASS:
I
IP RATING:
IP65
VIEWING DISTANCE:
25m
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
Optional adaptation of the fixture for low temperatures up to -25°C





SELF CONTAINED CONFIGURATION

CODE	POWER [W]	AUTONOMY [h]			MODE		OPTION		
EM	2x8	1	2	3	SE	SA	PT	AT	RS



*see pictogram

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]	SYSTEM	OPTION		
EM	2x8	CB	CBS	ADS	ADL

Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
EM – fixture EMX

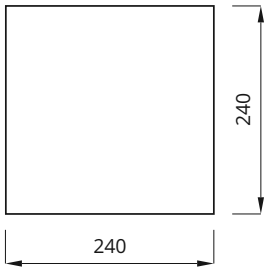
*Emergency exit sign fixtures do not include any pictogram in the set. Pictograms have to be chosen and ordered as a separate item.

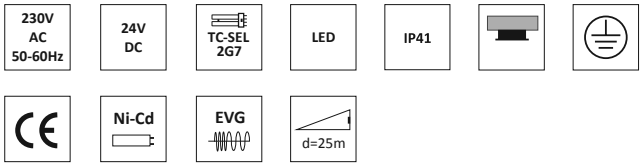
FOUR-SIDED EMERGENCY EXIT SIGNS

QUADRO



MATERIALS:
Opal plexi glass body
MOUNTING:
Surface (ceiling)
POWER SUPPLY:
Self contained – 230VAC/50÷60Hz
Central battery – 220÷240VAC/50÷60Hz; 216VDC
Central battery FZLV – 24VDC
LIGHT SOURCE:
3x1W LED
11W fluorescent lamp
CHARGING:
Maximum 24h
AUTONOMY AND BATTERIES:
1h, 2h, 3h , Ni-Cd batteries
INSULATION CLASS:
I
IP RATING:
IP41
VIEWING DISTANCE:
25m
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class of insulation of FZLV version





SELF CONTAINED CONFIGURATION

CODE	POWER [W]		AUTONOMY [h]			MODE		OPTION		
Q	11	3x1	1	2	3	SE	SA	PT	AT	RS



*see pictogram

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]		SYSTEM	OPTION		
Q	11	3x1	CB	CBS	ADS	ADL

FZLV SYSTEM CONFIGURATION

CODE	POWER [W]	SYSTEM
Q	3x1	FZLV

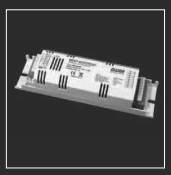
Legend:
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
CB – central battery
CBS – central battery (circuit monitoring)
ADS – central battery with address module ADS 20
ADL – central battery with address module ADL
Q – fixture Quadro

*Emergency exit sign fixtures do not include any pictogram in the set. Pictograms have to be chosen and ordered as a separate item.



EMERGENCY CONVERSION KITS

NEXT & NEXT AUTOTEST	56
NEXT PLUS & NEXT PLUS AUTOTEST	57
LIDER EVG	58
LIDER PLUS & LIDER PLUS AUTOTEST	59
LIN	60
LINEX & LINEX AUTOTEST	61
UNILED BM	62
UNILED GU10	63
UNILED UM	64



NEXT & NEXT AUTOTEST



NEXT PLUS & NEXT PLUS AUTOTEST



LIDER EVG



LIDER PLUS & LIDER PLUS AUTOTEST



LIN



LINEX & LINEX AUTOTEST



UNILED BM



UNILED GU10



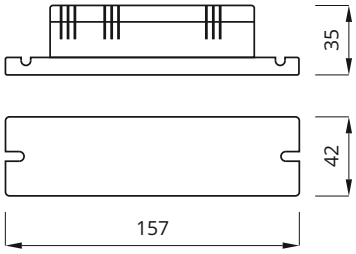
UNILED UM

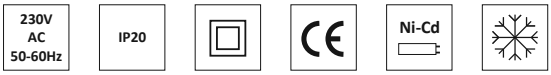
EMERGENCY CONVERSION KITS

NEXT & NEXT AUTOTEST



MATERIALS:
Polycarbonate body
MOUNTING:
In the fixture
POWER SUPPLY:
230 VAC/50-60 Hz
LIGHT SOURCE:
Linear and compact fluorescent lamps
CHARGING:
Maximum 24h
AUTONOMY & BATTERIES:
1h, 2h or 3h; Ni-Cd battery
INSULATION CLASS:
II
IP RATING:
IP20
AMBIENT TEMPERATURE:
t_a: 0°C÷55°C
OPTIONS:
PT – manual test button
AT – autotest
ADDITIONAL INFORMATION:
A new generation of conversion kits which replaces conversion kits series LIDER
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
Cooperation with magnetic and electronic ballasts
Optional adaptation of conversion kit for low temperatures up to -25°C





NEXT - ORDER CODES

CODE	POWER [W]	AUTONOMY [h]	OPTION	BATTERY
NX/36/1	6 – 36	1	PT	Ni-Cd 3,6V 1,5Ah
NX/36/2	6 – 36	2	PT	Ni-Cd 3,6V 2,5Ah
NX/36/3	6 – 36	3	PT	Ni-Cd 3,6V 4,0Ah
NX/58/1	6 – 58	1	PT	Ni-Cd 4,8V 1,5Ah
NX/58/2	6 – 58	2	PT	Ni-Cd 4,8V 2,5Ah
NX/58/3	6 – 58	3	PT	Ni-Cd 4,8V 4,0Ah
NX/80/1	6 – 80	1	PT	Ni-Cd 6,0V 1,5Ah
NX/80/2	6 – 80	2	PT	Ni-Cd 6,0V 2,5Ah
NX/80/3	6 – 80	3	PT	Ni-Cd 6,0V 4,0Ah

NEXT AUTOTEST - ORDER CODES

CODE	POWER [W]	AUTONOMY [h]	BATTERY
NX/36/1/AT	6 – 36	1	Ni-Cd 3,6V 2,0Ah
NX/36/3/AT	6 – 36	3	Ni-Cd 3,6V 4,5Ah
NX/58/1/AT	6 – 58	1	Ni-Cd 4,8V 2,0Ah
NX/58/3/AT	6 – 58	3	Ni-Cd 4,8V 4,5Ah
NX/80/1/AT	6 – 80	1	Ni-Cd 6,0V 2,0Ah
NX/80/3/AT	6 – 80	3	Ni-Cd 6,0V 4,5Ah

LED indicator

LED color	Signal	Symbolizing
●	no signal	emergency mode / running test
	shining	defective battery
	flashing	defective lamp
●	no signal	emergency mode / running test
	shining	normal mode
	flashing	normal mode, battery charging

Test types (version AT):

Test A is run automatically every 28 days
During test A a conversion kit is switched to emergency mode for 1 minute and the following parameters are checked:
- control of battery power discharge
- control of battery voltage

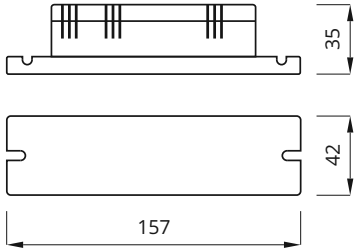
Test B is run automatically every 364 days
During test B a conversion kit is switched to emergency mode for all duration time (1, 2, 3 hours) and the following parameters are checked:
- control of battery power discharge
- control of minimum battery voltage

EMERGENCY CONVERSION KITS

NEXT PLUS & NEXT PLUS AUTOTEST



MATERIALS:
Polycarbonate body
MOUNTING:
In the fixture
POWER SUPPLY:
220÷240 VAC/50-60 Hz
LIGHT SOURCE:
Linear and compact fluorescent lamps
CHARGING:
Maximum 12h; electronic energy-saving impulse charger
AUTONOMY & BATTERIES:
1h, 2h or 3h; Ni-Cd or Ni-MH battery
INSULATION CLASS:
II
IP RATING:
IP20
AMBIENT TEMPERATURE:
t_a: 0°C÷55°C
OPTIONS:
PT – manual test button
AT – autotest
ADDITIONAL INFORMATION:
A new generation of conversion kits which replaces conversion kits series LIDER
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
Cooperation with magnetic and electronic ballasts
Optional adaptation of conversion kit for low temperatures up to -25°C





NEXT PLUS - ORDER CODES

CODE	POWER [W]	AUTONOMY [h]	OPTION	BATTERY
NXP/36/1	6 – 36	1	PT	Ni-Cd 3,6V 1,5Ah
NXP/36/2	6 – 36	2	PT	Ni-Cd 3,6V 2,5Ah
NXP/36/3	6 – 36	3	PT	Ni-Cd 3,6V 4,0Ah
NXP/58/1	6 – 58	1	PT	Ni-Cd 4,8V 1,5Ah
NXP/58/2	6 – 58	2	PT	Ni-Cd 4,8V 2,5Ah
NXP/58/3	6 – 58	3	PT	Ni-Cd 4,8V 4,0Ah
NXP/80/1	6 – 80	1	PT	Ni-Cd 6,0V 1,5Ah
NXP/80/2	6 – 80	2	PT	Ni-Cd 6,0V 2,5Ah
NXP/80/3	6 – 80	3	PT	Ni-Cd 6,0V 4,0Ah

NEXT PLUS NIMH - ORDER CODES

CODE	POWER [W]	AUTONOMY [h]	OPTION	BATTERY
NXH/36/1	6 – 36	1	PT	Ni-MH 3,6V 1,5Ah
NXH/36/2	6 – 36	2	PT	Ni-MH 3,6V 2,5Ah
NXH/36/3	6 – 36	3	PT	Ni-MH 3,6V 4,0Ah
NXH/58/1	6 – 58	1	PT	Ni-MH 4,8V 1,5Ah
NXH/58/2	6 – 58	2	PT	Ni-MH 4,8V 2,5Ah
NXH/58/3	6 – 58	3	PT	Ni-MH 4,8V 4,0Ah
NXH/80/1	6 – 80	1	PT	Ni-MH 6,0V 1,5Ah
NXH/80/2	6 – 80	2	PT	Ni-MH 6,0V 2,5Ah
NXH/80/3	6 – 80	3	PT	Ni-MH 6,0V 4,0Ah

NEXT PLUS AUTOTEST - ORDER CODES

CODE	POWER [W]	AUTONOMY [h]	BATTERY
NXP/36/1/AT	6 – 36	1	Ni-Cd 3,6V 2,0Ah
NXP/36/3/AT	6 – 36	3	Ni-Cd 3,6V 4,5Ah
NXP/58/1/AT	6 – 58	1	Ni-Cd 4,8V 2,0Ah
NXP/58/3/AT	6 – 58	3	Ni-Cd 4,8V 4,5Ah
NXP/80/1/AT	6 – 80	1	Ni-Cd 6,0V 2,0Ah
NXP/80/3/AT	6 – 80	3	Ni-Cd 6,0V 4,5Ah

NEXT PLUS AUTOTEST NIMH - ORDER CODES

CODE	POWER [W]	AUTONOMY [h]	BATTERY
NXH/36/1/AT	6 – 36	1	Ni-MH 3,6V 2,0Ah
NXH/36/3/AT	6 – 36	3	Ni-MH 3,6V 4,5Ah
NXH/58/1/AT	6 – 58	1	Ni-MH 4,8V 2,0Ah
NXH/58/3/AT	6 – 58	3	Ni-MH 4,8V 4,5Ah
NXH/80/1/AT	6 – 80	1	Ni-MH 6,0V 2,0Ah
NXH/80/3/AT	6 – 80	3	Ni-MH 6,0V 4,5Ah

LED indicator

LED color	Signal	Symbolizing
●	no signal	emergency mode / running test
	shining	defective battery
	flashing	defective lamp
●	no signal	emergency mode / running test
	shining	normal mode
	flashing	normal mode, battery charging

Test types (version AT):

Test A is run automatically every 28 days
During test A a conversion kit is switched to emergency mode for 1 minute and the following parameters are checked:
• control of battery power discharge
• control of battery voltage

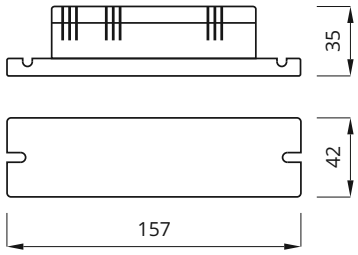
Test B is run automatically every 364 days
During test B a conversion kit is switched to emergency mode for all duration time (1, 2, 3 hours) and the following parameters are checked:
• control of battery power discharge
• control of minimum battery voltage

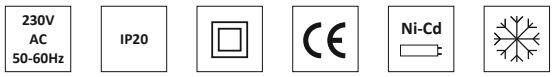
EMERGENCY CONVERSION KITS

LIDER EVG



MATERIALS:
Polycarbonate body
MOUNTING:
In the fixture
POWER SUPPLY:
230 VAC/50-60 Hz
LIGHT SOURCE:
Linear and compact fluorescent lamps
CHARGING:
Maximum 24h
AUTONOMY & BATTERIES:
1h, 2h or 3h; Ni-Cd battery
INSULATION CLASS:
II
IP RATING:
IP20
AMBIENT TEMPERATURE:
t_a: 0°C÷55°C
OPTIONS:
PT – manual test button
AT – autotest
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
Cooperation with magnetic and electronic ballasts
Optional adaptation of conversion kit for low temperatures up to -25°C





LIDER EVG - ORDER CODES

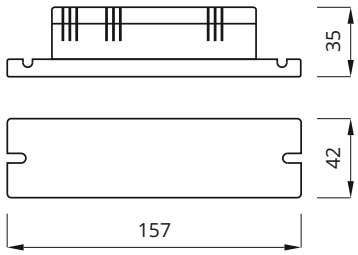
CODE	POWER [W]	AUTONOMY [h]	OPTION	BATTERY
LE/36/1	6 – 36	1	PT	Ni-Cd 3,6V 1,5Ah
LE/36/2	6 – 36	2	PT	Ni-Cd 3,6V 2,5Ah
LE/36/3	6 – 36	3	PT	Ni-Cd 3,6V 4,0Ah
LE/58/1	6 – 58	1	PT	Ni-Cd 4,8V 1,5Ah
LE/58/2	6 – 58	2	PT	Ni-Cd 4,8V 2,5Ah
LE/58/3	6 – 58	3	PT	Ni-Cd 4,8V 4,0Ah
LE/80/1	6 – 80	1	PT	Ni-Cd 6,0V 1,5Ah
LE/80/2	6 – 80	2	PT	Ni-Cd 6,0V 2,5Ah
LE/80/3	6 – 80	3	PT	Ni-Cd 6,0V 4,0Ah

EMERGENCY CONVERSION KITS

LIDER PLUS & LIDER PLUS AUTOTEST



MATERIALS:
Polycarbonate body
MOUNTING:
In the fixture
POWER SUPPLY:
220÷240 VAC/50-60 Hz
LIGHT SOURCE:
Linear and compact fluorescent lamps
CHARGING:
Maximum 12h; electronic energy-saving impulse charger
AUTONOMY & BATTERIES:
1h, 2h or 3h; Ni-Cd or Ni-MH battery
INSULATION CLASS:
II
IP RATING:
IP20
AMBIENT TEMPERATURE:
t_a: 0°C÷55°C
OPTIONS:
PT – manual test button
AT – autotest
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
Cooperation with magnetic and electronic ballasts
Optional adaptation of conversion kit for low temperatures up to -25°C





LIDER PLUS - ORDER CODES

CODE	POWER [W]	AUTONOMY [h]	OPTION	BATTERY
LEP/36/1	6 – 36	1	PT	Ni-Cd 3,6V 1,5Ah
LEP/36/2	6 – 36	2	PT	Ni-Cd 3,6V 2,5Ah
LEP/36/3	6 – 36	3	PT	Ni-Cd 3,6V 4,0Ah
LEP/58/1	6 – 58	1	PT	Ni-Cd 4,8V 1,5Ah
LEP/58/2	6 – 58	2	PT	Ni-Cd 4,8V 2,5Ah
LEP/58/3	6 – 58	3	PT	Ni-Cd 4,8V 4,0Ah
LEP/80/1	6 – 80	1	PT	Ni-Cd 6,0V 1,5Ah
LEP/80/2	6 – 80	2	PT	Ni-Cd 6,0V 2,5Ah
LEP/80/3	6 – 80	3	PT	Ni-Cd 6,0V 4,0Ah

LIDER Ni-MH - ORDER CODES

CODE	POWER [W]	AUTONOMY [h]	OPTION	BATTERY
LEH/36/1	6 – 36	1	PT	Ni-MH 3,6V 1,5Ah
LEH/36/2	6 – 36	2	PT	Ni-MH 3,6V 2,5Ah
LEH/36/3	6 – 36	3	PT	Ni-MH 3,6V 4,0Ah
LEH/58/1	6 – 58	1	PT	Ni-MH 4,8V 1,5Ah
LEH/58/2	6 – 58	2	PT	Ni-MH 4,8V 2,5Ah
LEH/58/3	6 – 58	3	PT	Ni-MH 4,8V 4,0Ah
LEH/80/1	6 – 80	1	PT	Ni-MH 6,0V 1,5Ah
LEH/80/2	6 – 80	2	PT	Ni-MH 6,0V 2,5Ah
LEH/80/3	6 – 80	3	PT	Ni-MH 6,0V 4,0Ah

LEP PLUS AUTOTEST - ORDER CODES

CODE	POWER [W]	AUTONOMY [h]	BATTERY
LEP/36/1/AT	6 – 36	1	Ni-Cd 3,6V 2,5Ah
LEP/36/2/AT	6 – 36	2	Ni-Cd 3,6V 4,0Ah
LEP/36/3/AT	6 – 36	3	Ni-Cd 3,6V 4,0Ah
LEP/58/1/AT	6 – 58	1	Ni-Cd 4,8V 2,5Ah
LEP/58/2/AT	6 – 58	2	Ni-Cd 4,8V 4,0Ah
LEP/58/3/AT	6 – 58	3	Ni-Cd 4,8V 4,0Ah
LEP/80/1/AT	6 – 80	1	Ni-Cd 6,0V 2,5Ah
LEP/80/2/AT	6 – 80	2	Ni-Cd 6,0V 2,5Ah
LEP/80/3/AT	6 – 80	3	Ni-Cd 6,0V 4,0Ah

LIDER Ni-MH AUTOTEST - ORDER CODES

CODE	POWER [W]	AUTONOMY [h]	BATTERY
LEH/36/1/AT	6 – 36	1	Ni-MH 3,6V 2,5Ah
LEH/36/2/AT	6 – 36	2	Ni-MH 3,6V 4,0Ah
LEH/36/3/AT	6 – 36	3	Ni-MH 3,6V 4,0Ah
LEH/58/1/AT	6 – 58	1	Ni-MH 4,8V 2,5Ah
LEH/58/2/AT	6 – 58	2	Ni-MH 4,8V 4,0Ah
LEH/58/3/AT	6 – 58	3	Ni-MH 4,8V 4,0Ah
LEH/80/1/AT	6 – 80	1	Ni-MH 6,0V 2,5Ah
LEH/80/2/AT	6 – 80	2	Ni-MH 6,0V 2,5Ah
LEH/80/3/AT	6 – 80	3	Ni-MH 6,0V 4,0Ah

LED indicator

LED color	Signal	Symbolizing
●	no signal	emergency mode / running test
	shining	defective battery
	flashing	defective lamp
●	no signal	emergency mode / running test
	shining	normal mode

Test types (version AT):

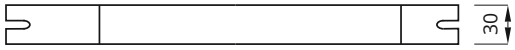
Test A is run automatically every 30 days
During test A a conversion kit is switched to emergency mode for 5 minutes and the following parameters are checked:
• control of battery power discharge
• control of battery voltage

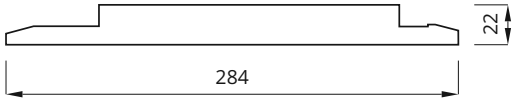
Test B is run automatically every 360 days
During test B a conversion kit is switched to emergency mode for all duration time (1, 2, 3 hours) and the following parameters are checked:
• control of battery power discharge
• control of minimum battery voltage

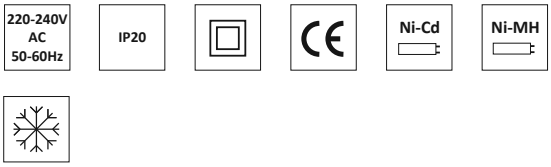
EMERGENCY CONVERSION KITS

LIN









MATERIALS:
White polycarbonate body
MOUNTING:
In the fixture
POWER SUPPLY:
220÷240 VAC/50-60 Hz
LIGHT SOURCE:
Linear fluorescent T5 lamp
CHARGING:
Maximum 12h; electronic energy-saving impulse charger
AUTONOMY & BATTERIES:
1h, 2h or 3h; Ni-MH battery (optionally Ni-Cd battery*)
INSULATION CLASS:
II
IP RATING:
IP20
AMBIENT TEMPERATURE:
t_a: 0°C÷55°C
OPTIONS:
PT – manual test button
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
Cooperation with magnetic and electronic ballasts
Optional adaptation of conversion kit for low temperatures up to -25°C
Long life of the LF lamp due to the function of the preheating of electrodes
Stabilization of lightstream

LIN – ORDER CODES

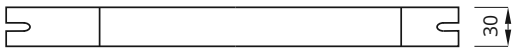
CODE	POWER [W]	AUTONOMY [h]	BATTERY
LN/21/1	8,14,21	1	Ni-MH 3,6V 1,5Ah
LN/21/2	8,14,21	2	Ni-MH 3,6V 2,5Ah
LN/21/3	8,14,21	3	Ni-MH 3,6V 4,0Ah
LN/39/1	24,39	1	Ni-MH 4,8V 1,5Ah
LN/39/2	24,39	2	Ni-MH 4,8V 2,5Ah
LN/39/3	24,39	3	Ni-MH 4,8V 4,0Ah
LN/49/1	28,35,49	1	Ni-MH 6,0V 1,5Ah
LN/49/2	28,35,49	2	Ni-MH 6,0V 2,5Ah
LN/49/3	28,35,49	3	Ni-MH 6,0V 4,0Ah
LN/80/1	54,80	1	Ni-MH 6,0V 1,5Ah
LN/80/2	54,80	2	Ni-MH 6,0V 2,5Ah
LN/80/3	54,80	3	Ni-MH 6,0V 4,0Ah

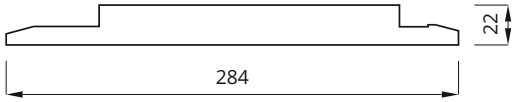
*Emergency conversion kits series LIN can be optionally equipped with a Ni-Cd battery. In this case, please add the letter C at the end, for example: LN/49/1/C.

EMERGENCY CONVERSION KITS

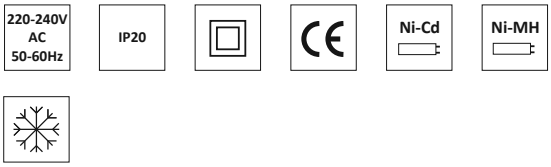
LINEX & LINEX AUTOTEST







MATERIALS:
Polycarbonate body
MOUNTING:
In the fixture
POWER SUPPLY:
220÷240 VAC/50-60 Hz
LIGHT SOURCE:
Linear fluorescent T5 lamp
CHARGING:
Maximum 12h; electronic energy-saving impulse charger
AUTONOMY & BATTERIES:
1h, 2h or 3h; Ni-MH battery (optionally Ni-Cd battery*)
INSULATION CLASS:
II
IP RATING:
IP20
AMBIENT TEMPERATURE:
t_a: 0°C÷55°C
OPTIONS:
PT – manual test button
AT – autotest
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
Cooperation with magnetic and electronic ballasts
Optional adaptation of conversion kit for low temperatures up to -25°C
Long life of the LF lamp due to the function of the preheating of electrodes
Stabilization of lightstream



LINEX – ORDER CODES

CODE	POWER [W]	AUTONOMY [h]	OPTION	BATTERY
LX/21/1	8,14,21	1	PT	Ni-MH 3,6V 1,5Ah
LX/21/2	8,14,21	2	PT	Ni-MH 3,6V 2,5Ah
LX/21/3	8,14,21	3	PT	Ni-MH 3,6V 4,0Ah
LX/39/1	24,39	1	PT	Ni-MH 4,8V 1,5Ah
LX/39/2	24,39	2	PT	Ni-MH 4,8V 2,5Ah
LX/39/3	24,39	3	PT	Ni-MH 4,8V 4,0Ah
LX/49/1	28,35,49	1	PT	Ni-MH 6,0V 1,5Ah
LX/49/2	28,35,49	2	PT	Ni-MH 6,0V 2,5Ah
LX/49/3	28,35,49	3	PT	Ni-MH 6,0V 4,0Ah
LX/80/1	54,80	1	PT	Ni-MH 6,0V 1,5Ah
LX/80/2	54,80	2	PT	Ni-MH 6,0V 2,5Ah
LX/80/3	54,80	3	PT	Ni-MH 6,0V 4,0Ah

LINEX AUTOTEST – ORDER CODES

CODE	POWER [W]	AUTONOMY [h]	BATTERY
LX/21/1/AT	8,14,21	1	Ni-MH 3,6V 1,5Ah
LX/21/2/AT	8,14,21	2	Ni-MH 3,6V 2,5Ah
LX/21/3/AT	8,14,21	3	Ni-MH 3,6V 4,0Ah
LX/39/1/AT	24,39	1	Ni-MH 4,8V 1,5Ah
LX/39/2/AT	24,39	2	Ni-MH 4,8V 2,5Ah
LX/39/3/AT	24,39	3	Ni-MH 4,8V 4,0Ah
LX/49/1/AT	28,35,49	1	Ni-MH 6,0V 1,5Ah
LX/49/2/AT	28,35,49	2	Ni-MH 6,0V 2,5Ah
LX/49/3/AT	28,35,49	3	Ni-MH 6,0V 4,0Ah
LX/80/1/AT	54,80	1	Ni-MH 6,0V 1,5Ah
LX/80/2/AT	54,80	2	Ni-MH 6,0V 2,5Ah
LX/80/3/AT	54,80	3	Ni-MH 6,0V 4,0Ah

*Emergency conversion kits series LINEX can be optionally equipped with a Ni-Cd battery. In this case, please add the letter C at the end, for example: LX/49/1/C.

Test types (version AT):

Test A is run automatically every 30 days
During test A a conversion kit is switched to emergency mode for 5 minutes and the following parameters are checked:
• control of battery power discharge
• control of battery voltage

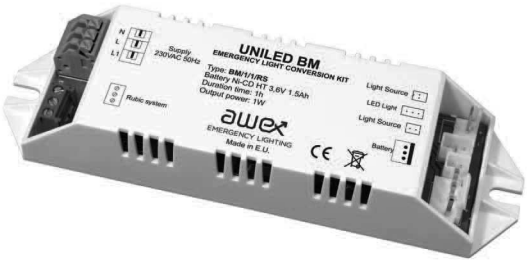
Test B is run automatically every 360 days
During test B a conversion kit is switched to emergency mode for all duration time (1, 2, 3 hours) and the following parameters are checked:
• control of battery power discharge
• control of minimum battery voltage

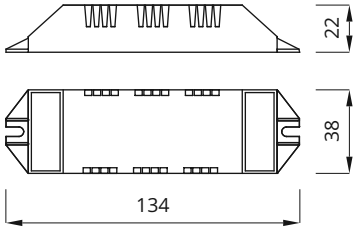
LED indicator

LED color	Signal	Symbolizing
●	no signal	emergency mode / running test
●	shining	defective battery
●	flashing	defective lamp
●	no signal	emergency mode / running test
●	shining	normal mode

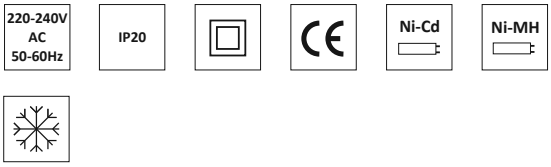
EMERGENCY CONVERSION KITS

UNILED BM





MATERIALS:
Polycarbonate body
MOUNTING:
In the fixture
POWER SUPPLY:
220÷240 VAC/50-60 Hz; 216 VDC
LIGHT SOURCE:
1W, 3W, 6W* LED
CHARGING:
Maximum 12h; electronic energy-saving impulse charger
AUTONOMY & BATTERIES:
1h, 2h or 3h; Ni-MH battery (optionally Ni-Cd battery)
INSULATION CLASS:
II
IP RATING:
IP20
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
PT – manual test button
AT – autotest
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
Optional adaptation of conversion kit for low temperatures up to -25°C
Automatic detection of battery capacity and setting test parameters
Output voltage: 3.3 VDC
* 6W – power of light source only in non-maintained fixtures



Uniled BM – ORDER CODES

CODE	POWER [W]	AUTONOMY [h]	BATTERY
BM/1/1	1	1	Ni-MH 4,8V 1,0Ah
BM/1/2		2	Ni-MH 4,8V 1,0Ah
BM/1/3		3	Ni-MH 4,8V 1,5Ah
BM/1/8		8	Ni-MH 4,8V 3,0Ah
BM/3/1	3	1	Ni-MH 4,8V 1,5Ah
BM/3/2		2	Ni-MH 4,8V 2,5Ah
BM/3/3		3	Ni-MH 4,8V 3,0Ah
BM/6/1	6	1	Ni-MH 4,8V 3,0Ah
BM/6/2		2	Ni-MH 4,8V 5,0Ah
BM/6/3		3	Ni-MH 4,8V 8,0Ah

Uniled BM AUTOTEST – ORDER CODES

CODE	POWER [W]	AUTONOMY [h]	BATTERY
BM/1/1/AT	1	1	Ni-MH 4,8V 1,0Ah
BM/1/2/AT		2	Ni-MH 4,8V 1,0Ah
BM/1/3/AT		3	Ni-MH 4,8V 1,5Ah
BM/1/8/AT		8	Ni-MH 4,8V 3,0Ah
BM/3/1/AT	3	1	Ni-MH 4,8V 1,5Ah
BM/3/2/AT		2	Ni-MH 4,8V 2,5Ah
BM/3/3/AT		3	Ni-MH 4,8V 3,0Ah
BM/6/1/AT	6	1	Ni-MH 4,8V 3,0Ah
BM/6/2/AT		2	Ni-MH 4,8V 5,0Ah
BM/6/3/AT		3	Ni-MH 4,8V 8,0Ah

LED indicator

LED color	Signal	Symbolizing
●	no signal	emergency mode / running test
	shining	defective battery
	flashing	defective lamp
●	no signal	emergency mode / running test
	shining	normal mode

Test types (version AT):

Test A is run automatically every 28 days
During test A a conversion kit is switched to emergency mode for 1 minute and the following parameters are checked:
• control of battery power discharge
• control of battery voltage

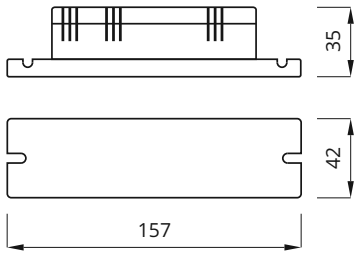
Test B is run automatically every 364 days
During test B a conversion kit is switched to emergency mode for all duration time (1, 2, 3 hours) and the following parameters are checked:
• control of battery power discharge
• control of minimum battery voltage

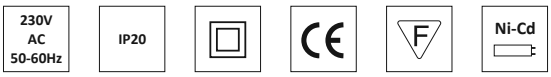
EMERGENCY CONVERSION KITS

UNILED GU10



MATERIALS:
Polycarbonate body
MOUNTING:
In the fixture
POWER SUPPLY:
230VAC/50-60Hz
LIGHT SOURCE:
3,5–8W LED
CHARGING:
Maximum 24h
AUTONOMY & BATTERIES:
1h or 3h; Ni-Cd battery
INSULATION CLASS:
II
IP RATING:
IP20
AMBIENT TEMPERATURE:
t_a: 0°C÷40°C
OPTIONS:
PT – manual test button
ADDITIONAL INFORMATION:
LED indicator signalizes mains power supply and battery charge
Deep discharge protection
Designed for cooperation with LED light sources with voltage 180VDC
In emergency mode light stream is 80% of the nominal stream





Uniled GU10 – ORDER CODE

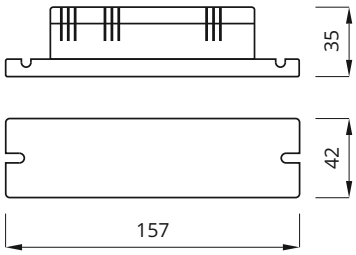
CODE	POWER [W]	AUTONOMY [h]	OPTION	BATTERY
GU10/1	3,5 – 8	1	PT	Ni-CD 7,2V 1,5Ah
GU10/2	3,5 – 8	3	PT	Ni-CD 7,2V 4,0Ah

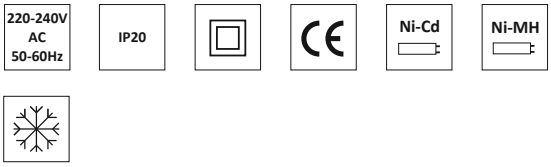
EMERGENCY CONVERSION KITS

UNILED UM

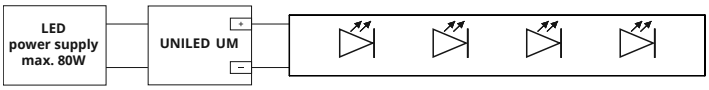


MATERIALS:
Polycarbonate body
MOUNTING:
In the fixture
POWER SUPPLY:
220÷240VAC/50÷60Hz
LIGHT SOURCE:
Power mode: max 80W
Voltage mode: max 9W
Designed for cooperation with LED light sources with voltage 12V - 90VDC - max 80W
OUTPUT POWER:
1 - 9W (10mA - 750mA)
CHARGING:
Maximum 12h or 24h; depending on battery capacity
AUTONOMY & BATTERIES:
1h, 3h lub 8h, Batteries Ni-MH, Ni-Cd
Autonomy 1h, 3h, 8h set by jumper
INSULATION CLASS:
II
IP RATING:
IP20
AMBIENT TEMPERATURE:
t_a: 0°C÷50°C
OPTIONS:
PT – manual test button
AT – autotest
RS – Rubic central monitoring
ADDITIONAL INFORMATION:
Deep discharge protection
Optional adaptation of conversion kit for low temperatures up to -25°C
Automatic detection of battery capacity and setting test parameters
Automatic detection of LED light source voltage in Power mode
In emergency mode (Power or Voltage), the incorrect settings
are detected by LED indicator





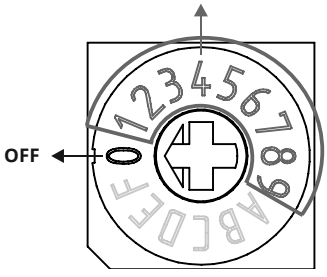
POWER MODE



Type of battery		AUTONOMY [h]		
		1h	3h	8h
Ni-MH/Ni-Cd	7,2V 1000mAh	3W	1W	–
	7,2V1500 mAh	4W	2W	1W
	7,2V 2500mAh	8W	3W	1W
	7,2V 4000mAh	9W	5W	2W
	7,2V 8000mAh	9W	9W	4W

Settings

Power mode, choice of output power in the range: 1W - 9W



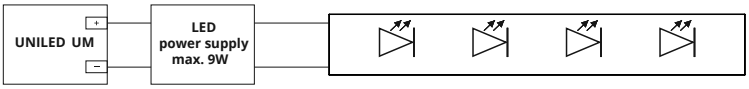
Light output in emergency mode (only power mode)

$$\frac{\text{light output in emergency mode}}{\text{light output in mains mode}} = \frac{\text{LED power in emergency mode}}{\text{LED power in mains mode}}$$

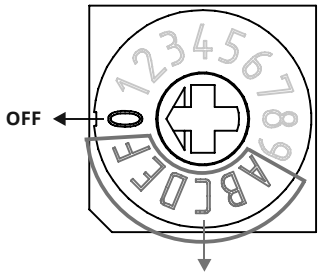
$$\text{light output in emergency mode [lm]} = \frac{\text{LED power in emergency mode [W]}}{\text{LED power in mains mode [W]}} \times \text{light output in mains mode [lm]}$$

EMERGENCY CONVERSION KITS

VOLTAGE MODE



Settings



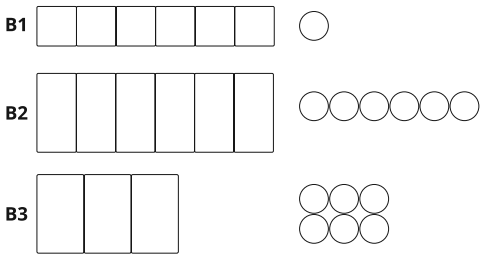
Voltage mode, choice of output voltage in the range: 12V - 90V

	Type of battery	Autonomy 1h						Autonomy 3h						Autonomy 8h					
		POWER SUPPLY VOLTAGE [V]						POWER SUPPLY VOLTAGE [V]						POWER SUPPLY VOLTAGE [V]					
		12	24	36	48	60	90	12	24	36	48	60	90	12	24	36	48	60	90
Ni-MH/Ni-Cd	7,2V 1500mAh	0,41	0,20	0,14	0,10	0,08	0,05	0,41	0,08	0,06	0,04	0,03	0,02	0,41	0,03	0,02	0,02	0,01	0,01
	7,2V 2500mAh	0,68	0,34	0,23	0,17	0,14	0,09	0,28	0,14	0,09	0,07	0,06	0,04	0,11	0,06	0,04	0,03	0,02	0,02
	7,2V 4000mAh	0,75	0,54	0,36	0,27	0,22	0,14	0,45	0,23	0,15	0,11	0,09	0,06	0,18	0,09	0,06	0,05	0,04	0,02
	7,2V 8000mAh	0,75	0,75	0,72	0,54	0,43	0,29	0,75	0,45	0,30	0,23	0,18	0,12	0,36	0,18	0,12	0,09	0,07	0,05

CONFIGURATION OF CONVERSION KIT

CODE	BATTERY							OPTION		
	CAPACITY	TYPE		PACKAGES						
UM	10	CD	MH	B1	B2	B3		PT	AT	RS
UM	15	CD	MH	B1	B2	B3		PT	AT	RS
UM	25	CD	MH	B1	B2	B3		PT	AT	RS
UM	40	CD	MH	B1	B2	B3		PT	AT	RS
UM	80	CD	MH	B1	B2	B3		PT	AT	RS

CONFIGURATION OF BATTERY PACKAGES



LED indicator

LED color	Signal	Symbolizing
●	no signal	emergency mode / running test
●	shining	defective battery
●	flashing	defective lamp
●	no signal	emergency mode / running test
●	shining	normal mode

Legend:
PT – manual test button
AT – autotest
RS – Rubic central monitoring
UM – conversion kit Uniled UM
10 – battery capacity 1000 mAh
15 – battery capacity 1500 mAh
25 – battery capacity 2500 mAh
40 – battery capacity 4000 mAh
80 – battery capacity 8000 mAh
CD – battery type Ni-Cd
MH – battery type Ni-MH
B1 – battery Stick
B2 – battery Akku Pack
B3 – battery Akku Pack block

Test types (version AT):

Test A is run automatically every 28 days
During test A a conversion kit is switched to emergency mode for 1 minute and the following parameters are checked:
• control of battery power discharge
• control of battery voltage

Test B is run automatically every 364 days
During test B a conversion kit is switched to emergency mode for all duration time (1, 2, 3 hours) and the following parameters are checked:
• control of battery power discharge
• control of minimum battery voltage



SYSTEMS

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RUBIC UNA



RUBIC MINI UNA



CENTRAL BATTERY SYSTEM FZLV



CENTRAL BATTERY SYSTEM LPS



CENTRAL BATTERY SYSTEM CBS



SMART VISIO PLATFORM

SYSTEMS

RUBIC UNA



The Rubic UNA system is the latest and the most advanced version of the monitoring system which controls independent fittings of emergency and evacuation lighting. Each control unit can control up to 4000 fittings by using MPU250 submodules. Submodules communicate with the central RUBIC UNA via LAN. Due to the connection through the LAN it is possible to use the Wi - Fi connection between the submodules.

RUBIC UNA has a touch panel with graphical, intuitive menu. This allows you to configure the system in a simply and easy way without the use of SmartVISIO application.

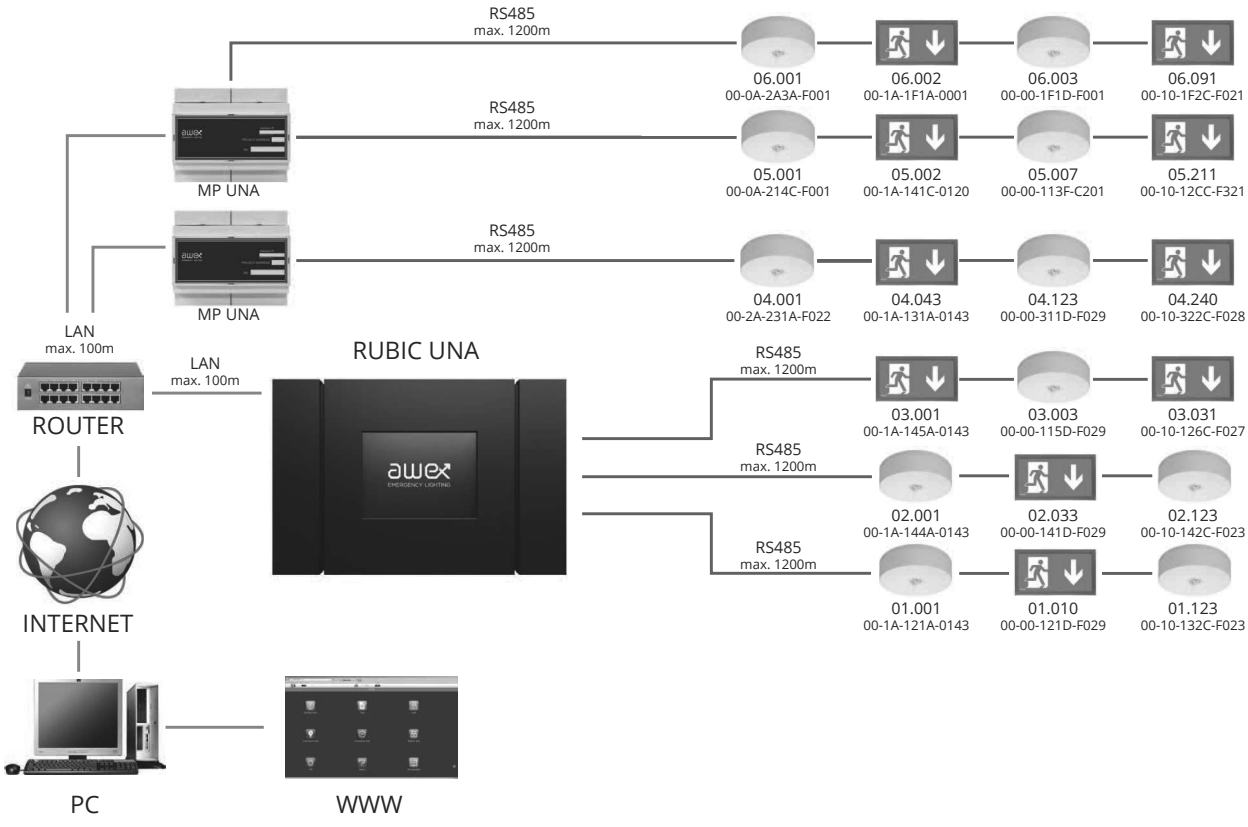
Due to applied technical solutions, we have eliminated the importance of polarization of connecting the communication bus directly to:

- RUBIC UNA central unit
- MP UNA submodules
- RS address modules

Each RS address module has its own individual number / address. Addresses are assigned by the factory therefore no additional devices, such as address programmers, are required.

The most important parameters:

- Touch panel
- Unique addresses of luminaires
- Address programmer not required
- Proper polarization of connection of bus communication line is not required
- Legible, big touchscreen LCD with a simple menu
- 4 potential-free 24V inputs
- 4 potential-free 24V outputs
- RJ45 connector for direct communication with any computer via Ethernet,
- Preview of the system via any web browser
- Monitoring up to 750 of emergency fittings
- The quantity of the monitored fittings within one system can be expanded up to 4000 emergency fittings
- Displaying the current system state
- Monitor emergency luminaires equipped with autonomous power supply RS sources, both fluorescent and LED
- Internal battery supporting power supply of the central unit
- Automated testing
- SD card slot and card itself allow to save the periodic test results, event log and system configuration, in accordance with EN 50172
- Posiibility to test the fittings individually or in a group
- Night operation mode activated with one digital button
- Management and visualization of the system using dedicated software SMART VISIO
- Works with any BMS (Building Management System) by using the potential-free contacts.



SYSTEMS

RUBIC MINI UNA

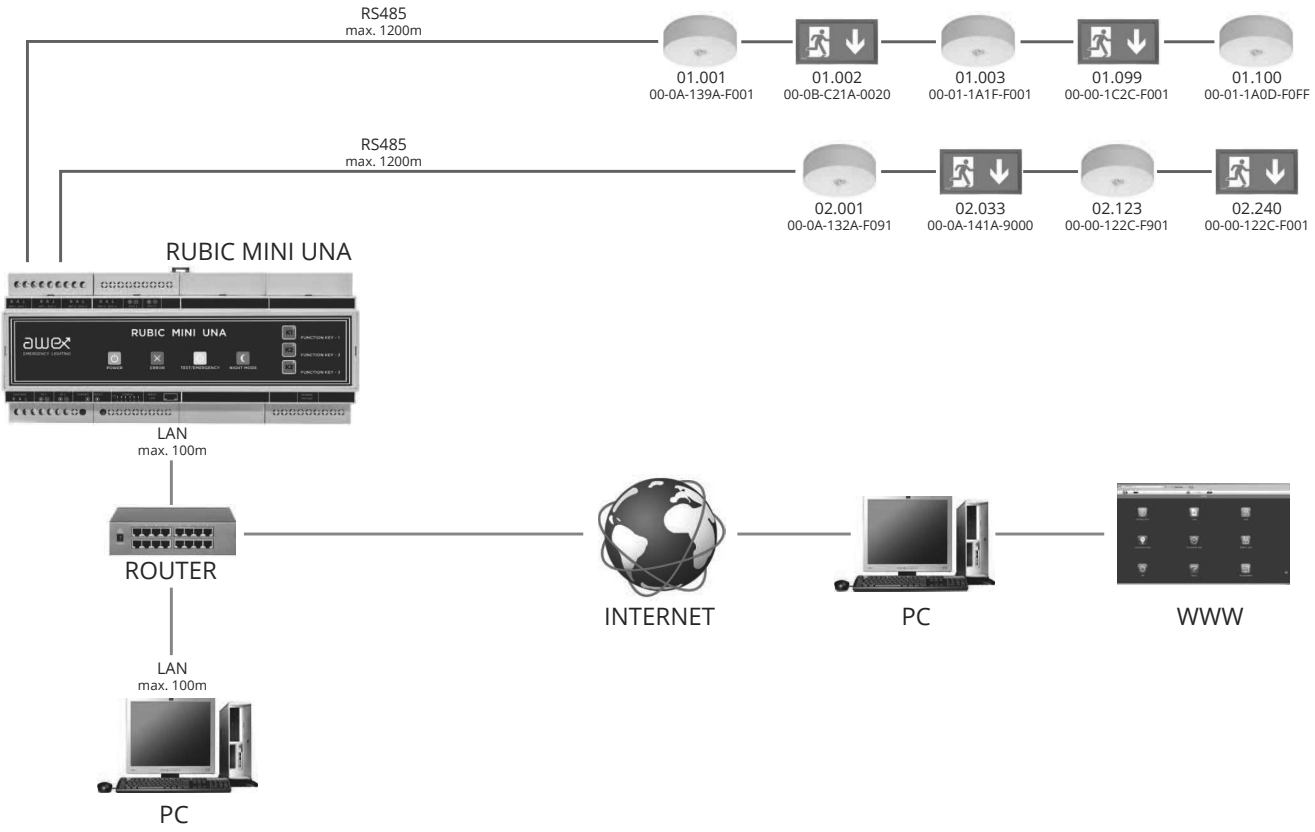


RUBIC MINI is a compact solution dedicated to monitoring addressable emergency lighting in buildings of small and medium size. The system is designed to monitor up to 500 emergency luminaires equipped with autonomous power supply RS sources, both fluorescent and LED.

The main advantages of the control unit are its small size and the possibility of direct mounting on TH-35 rail (DIN-3). The system is maximally simplified but has all the key features from the point of view of the user. Each control unit is equipped with an input bus RS, RJ45 connector, three LEDs indicating the status of the system, the reset button and the service pin which is used to personalize the new IP address. Communication with emergency RS luminaires is carried out by bus RS485 conducted in RS485 standard. Length of a single bus in linear topology is 1200 m. Communication with the luminaires is continuous.

The most important parameters:

- Monitoring up to 500 emergency fittings
- The maximum length of a single bus is 1200 m
- LEDs signalling status of the system
- 3 function keys
- 2 potential-free 24V inputs
- 2 potential-free 24V outputs
- Internal memory stores the reports of emergency lighting system in accordance with EN 50172
- Night operation mode
- Possibility to test the fittings individually or in a group
- Internal battery supporting power supply of the central unit
- RJ45 connector for direct communication with any computer via Ethernet
- Individual IP address
- Preview of the system via any web browser



SYSTEMS

CENTRAL BATTERY SYSTEM FZLV

Central battery system FZLV is a high-tech device created to power and monitor emergency lighting in buildings of small and medium size and in closed fire zones. The system can work with up to 80 LED luminaires supplied by SELV 24V (Safety Extra-Low Voltage) and was designed in SMART technology.

The application of the SELV voltage ensures high level of safety of servicing of the system and its elements are compilant with the currently valid regulations. Small dimensions of the central unit enable the installation of the system in places where one cannot fit a large-size central battery system. The FZLV central unit is equipped with a big touch panel enabling both the current reading of the status of the system, circuits and fittings and the introduction of all settings and parameters of the system with the use of the user interface. Statuses are displayed in both graphic and text form. Using the central unit one can assign a name to the fitting that will clearly help to identify the fittings installed in the system. Using the central unit one can program and freely configure the emergency fittings in constant, non-constant, switching and switching-dimming modes as well as night work mode. The system has its own IP address and RJ45 slot which is used for direct connection to Ethernet. With an built-in WEB module you can directly access the system from any computer and print the event log by using any web browser. Additionally, the system has an input and an SD card that allows to record and upload system settings (back-up) and the record of the reports of the Event Log in accordance with EN 50172.



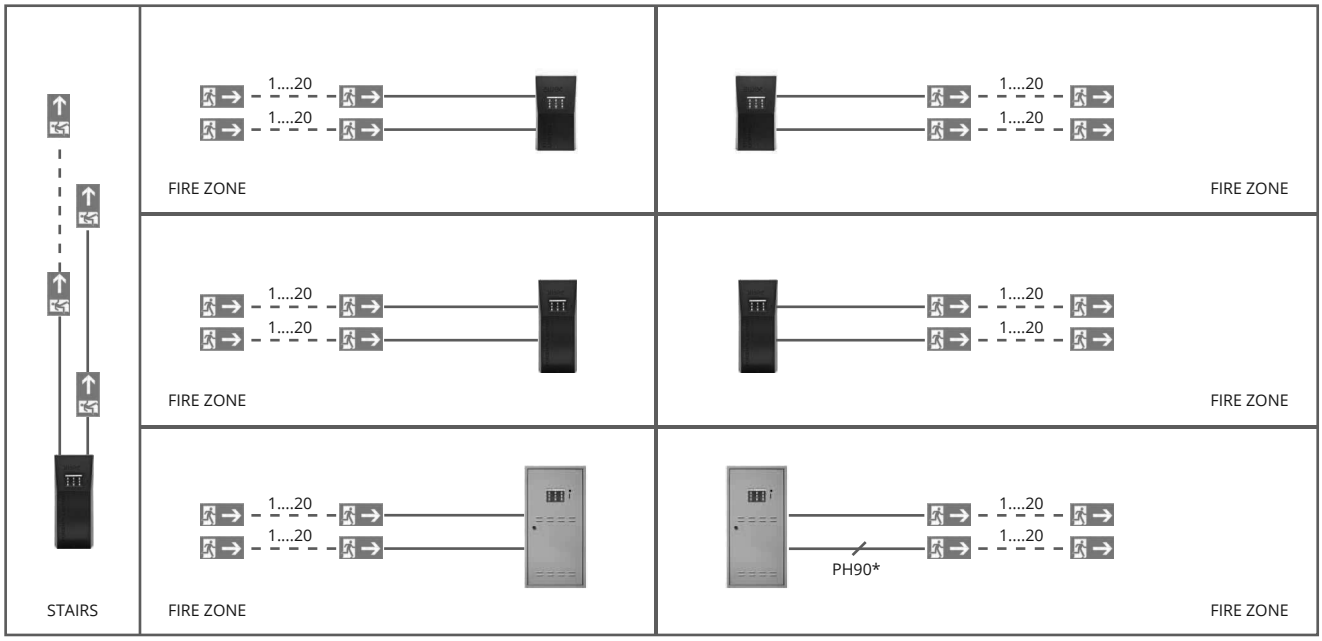
FZLV - 12 Ah



FZLV - 24 Ah



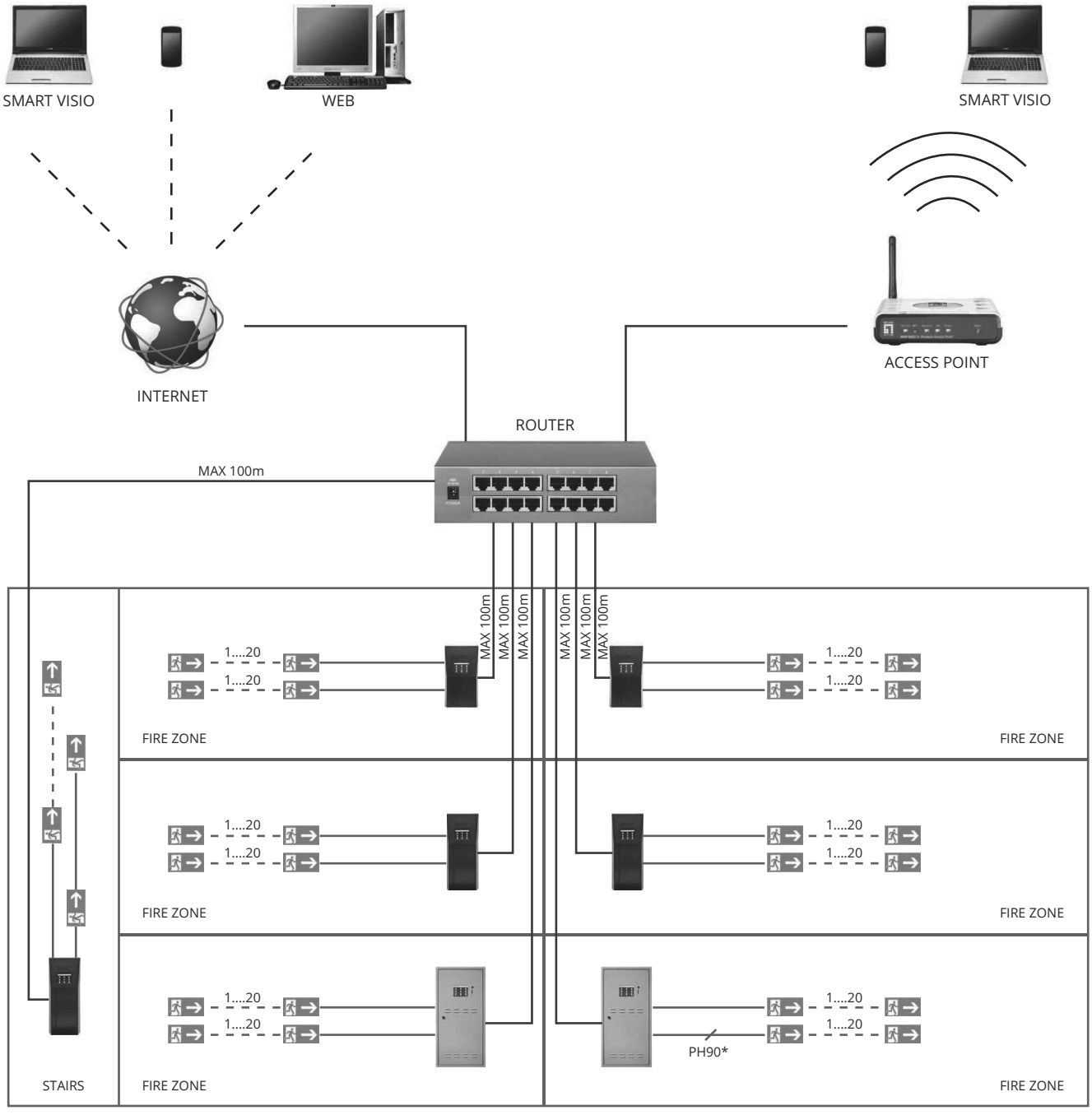
FZLV - MAX 26/52 Ah



SYSTEMS

The most important parameters:

- Power supply and monitoring up to 80 individual LED fittings in SMART technology
- Safe supply SELV 24V
- SMART technology – any mode of a fitting
- Easy to read, big LCD touch screen
- Easy and intuitive menu with simple icons
- Automated testing
- Automatic detection and adding of the fittings to the system
- Built-in WEB module
- Programming and configuration of the fittings directly from the system
- Communication with luminaires through the power supply cable
- SD slot and SD card for recording, transmission and printing emergency lighting reports from any PC, in accordance with EN 50172
- Possibility to store the system settings (back – up) on SD card
- Contained security light mode (night operation)
- Possibility to control fittings and some functions of the system via terminals 24V and 230V
- Testing of each fitting separately as well as group of fittings
- Internal rechargeable battery with a designed life of 10 years
- RJ45 slot for direct connection to Ethernet
- Individual IP address
- Preview of the system via any web browser
- Works with any BMS (Building Management System) by using the module of potential-free contacts or a CAN-bus
- Unlimited grouping of systems and joint supervision by Smart Touch Controller
- Programmable emergency time operation for individual fixtures



SYSTEMS

CENTRAL BATTERY SYSTEM LPS

The LPS central battery system, offered by AWEX, is a small, up-to-date, reliable and simple device. It has been designed in accordance with the he applicable standards and with using SMART technology. Its functions are equivalent to the functions of CBS system, however, due to its small size and limited power the system is suitable for installation in smaller buildings or buildings that require diversification of source of supply of emergency fittings (as a group system).

The system enables emergency supplying of the fittings with a total power of 1500W for the time of 1h, or the fittings 500W - for 3h. With four sensor inputs installed in the steering module it is possible to control fire zones through the use of sensors decay phases (CFZ), which control power supply to the switch board of power supply zone. In addition, the system can be expanded by ELS-230 modules, with nine voltage control inputs. Linear modules have separate protection for AC and DC mode, this significantly increases the safety level of switching the emergency mode in the building. In the emergency mode, the system works in IT network (isolated system).

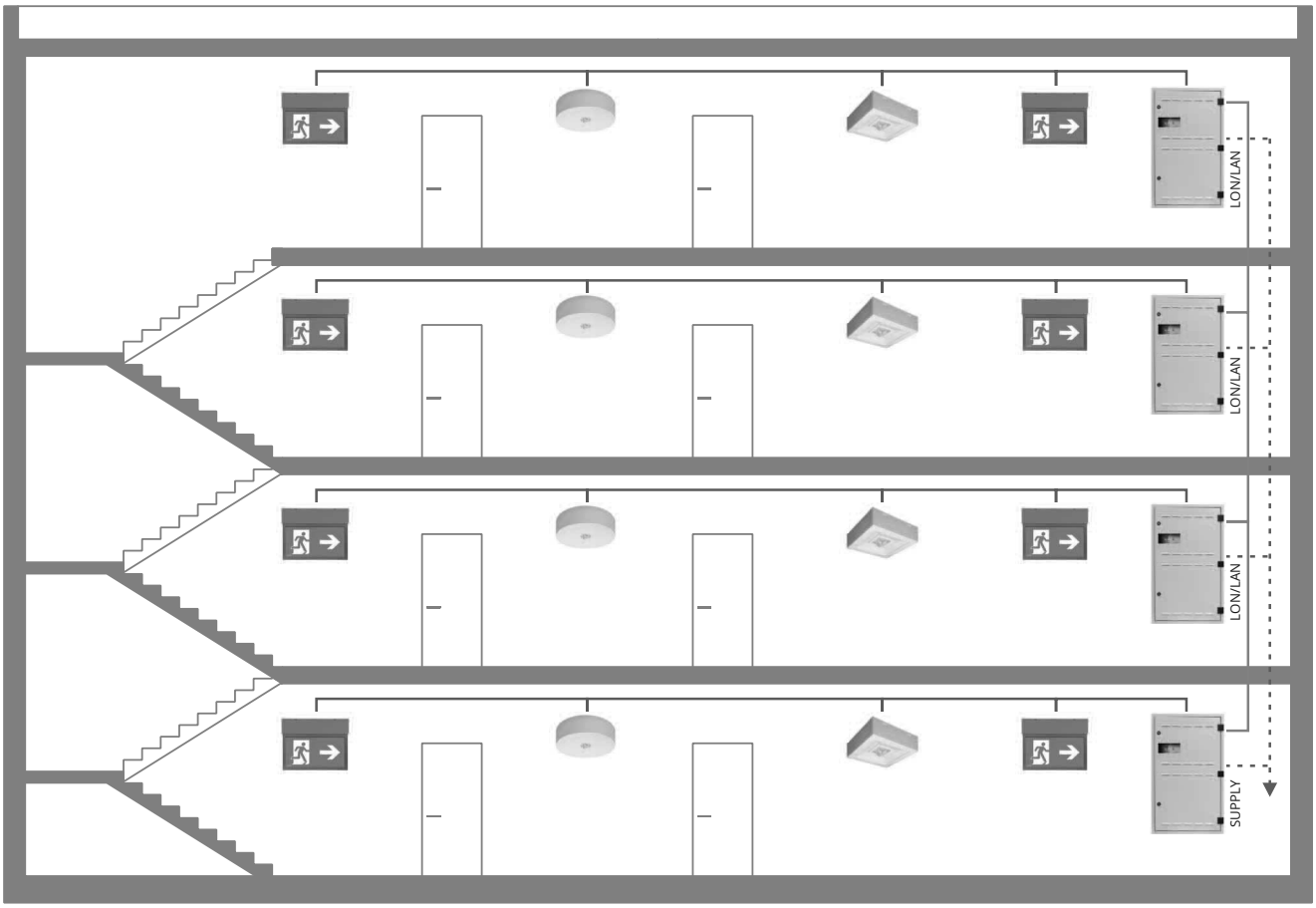


System LPS

SYSTEMS

The most important parameters:

- LCD display with easy-to-use menu
- Automatic test performing
- Automatic detection and adding luminaires to the system
- Monitoring of each luminaire
- Monitoring of each circuit
- Programming and configuration of the luminaires directly from the central unit
- Communication with luminaires through the power cable
- SMART technology – any mode of operation of the luminaire
- The linear modules are secured for the AC and DC mode separatelly
- SD card slot and card itself allow to save the periodic test results, event log and system configuration
- Possibility to record the back-up of the system on the SD card
- Night mode operation
- Possibility to control luminaires and functions of the system through the 24V and 230V internal and external connectors
- Possibility to monitor power in the distribution boards and in the separate lighting circuits
- USB slot
- RJ45 connector for direct communication with any computer via Ethernet
- Preview of the system via any web browser
- Management and visualization of the system by using dedicated software SMART VISIO
- Supply of the fixtures of total capacity 1500W for time 1h or 500W for 3h

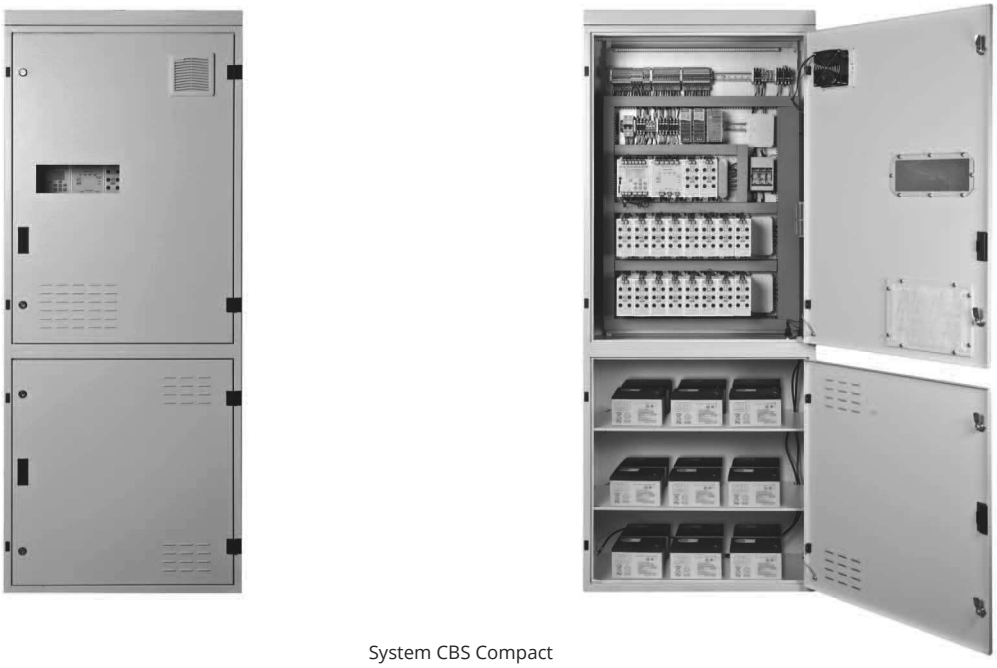


SYSTEMS

CENTRAL BATTERY SYSTEM CBS

The CBS central battery system is state-of-the-art, reliable and easy-to-operate central battery system constructed in accordance with the requirements of VDE 0108 as well as EN 50171 and EN 50172 standards. Due to the possibility of using sub-modules it is dedicated to medium and large buildings and was designed in SMART technology.

The system monitors each output circuit individually and with the use of address modules – each luminaire. The system allows any configuration of mode both of the circuit and the luminaire. Using the driver one can programme the mode of the address module without interfering into the luminaire and without any specialized service software. The SD card slot used in the system allows to perform a backup of the system and to save the periodic test results, event log and system configuration, in accordance with EN 50172. The event log can be printed out of the SD card on any PC without any additional software. Besides, all the settings are stored in non-volatile memory and will not be lost even during the complete power supply and battery failure. The charger module ensures battery charging based on UI characteristics with temperature compensation according to EN 50171. The charger is equipped with internal active PFC module which provides a power factor close to 1. Linear modules have separate protection for AC and DC mode, significantly increasing the safety level while switching on emergency lighting in the building. In DC mode the system works in IT network layout (isolated system).



System CBS Compact



System CBS Standard

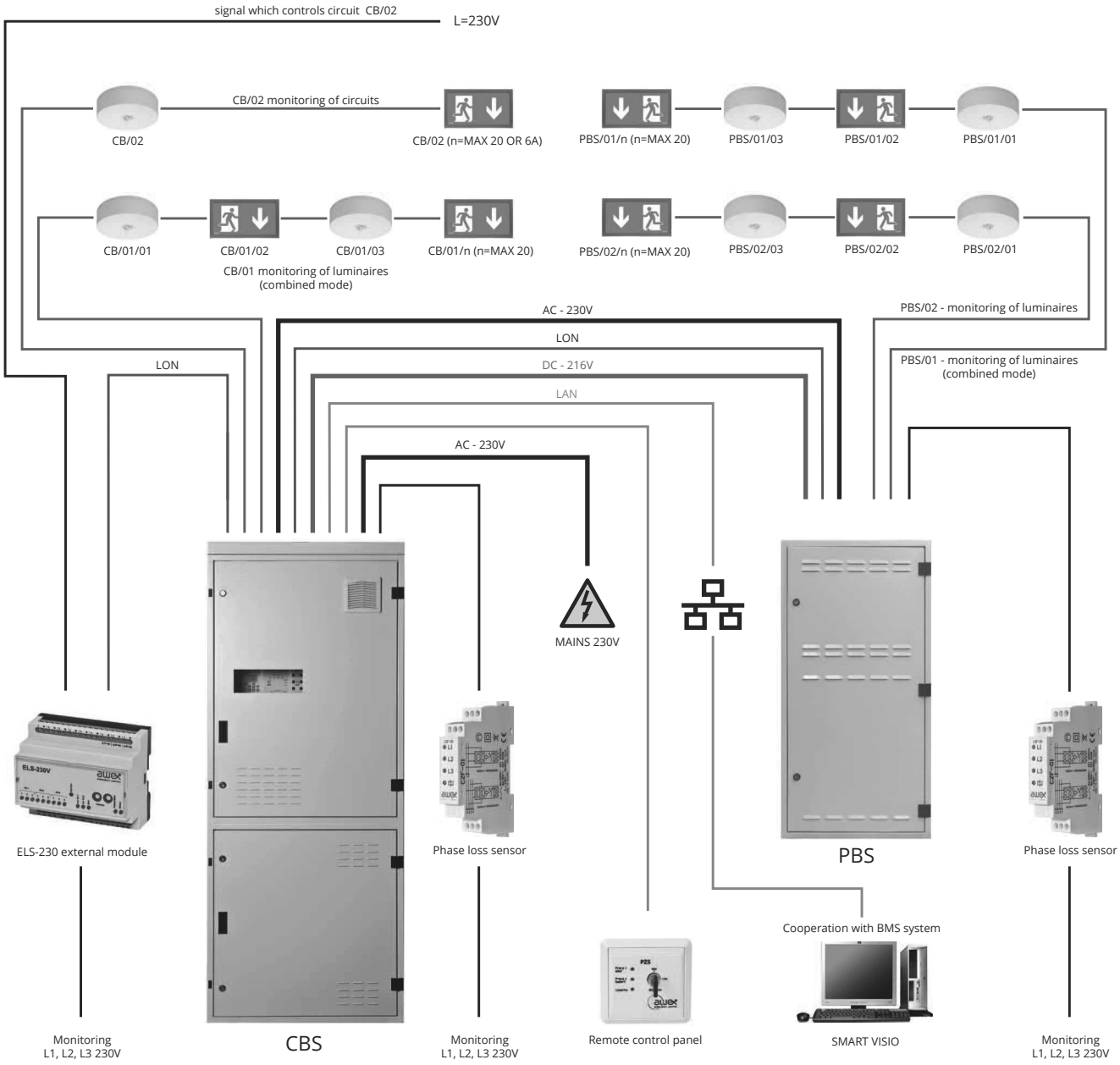
SYSTEMS

The most important parameters:

- LCD display with easy-to-use menu
- Automatic test performing
- Automatic detection and adding luminaires to the system
- Monitoring of each luminaire
- Monitoring of each circuit
- Programming and configuration of the luminaires directly from the central unit
- Communication with luminaires through the power cable
- SMART technology – any mode of operation of the luminaire
- The linear modules are secured for the AC and DC mode separatelly
- SD card slot and card itself allow to save the periodic test results, event log and system configuration,
- Possibility to record the back-up of the system on the SD card
- Night mode operation
- Possibility to control luminaires and functions of the system through the 24V and 230V internal and external connectors
- Possibility to monitor power in the distribution boards and in the separate lighting circuits
- Possibility to use sub-modules in standard version and HUB version
- USB slot
- RJ45 connector for direct communication with any computer via Ethernet
- Preview of the system via any web browser
- Battery set with 10 years life-time
- Works with any BMS (Building Management System) by using the potential-free contacts
- Management, supervision and visualization of entire system via dedicated SMART VISIO software

MAIN STATION CIRCUITS

SUB-STATION CIRCUITS



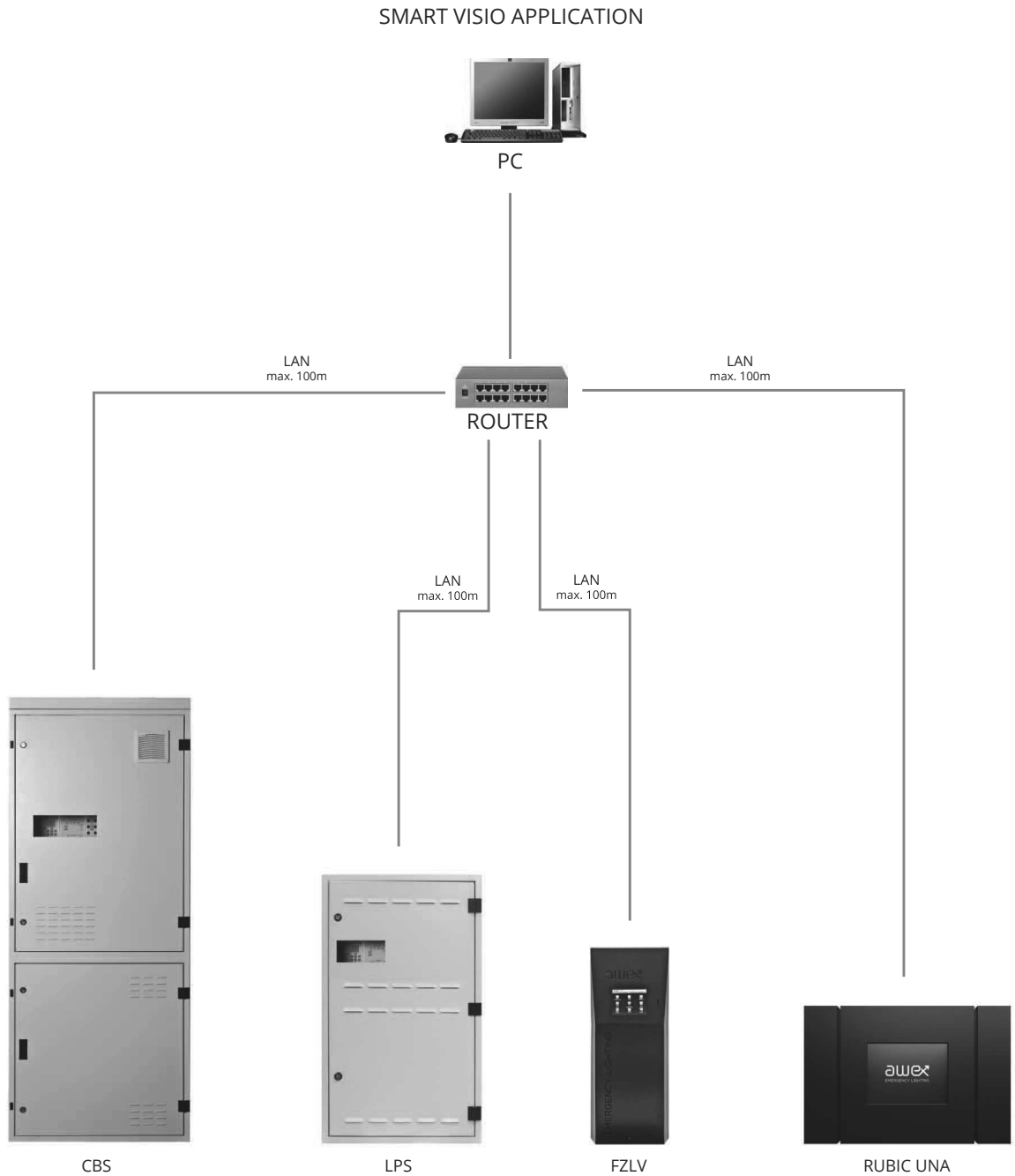
SYSTEMS

THE SMART VISIO PLATFORM

SMART VISIO application is an advanced supervising and managing software created by AWEX for the latest emergency lighting systems. Regardless of the choice of the system (FZLV, LPS, CBS, RUBIC UNA) SMART VISIO allows you to connect, group and visualize each of them at the same time and in any configuration, from one place. By using a common LAN standard to communicate with the systems, the software is easy to be implemented in most of the buildings. Due to the low installation costs, the possibility of full visualization and minimum time necessary for the daily inspection of emergency lighting, SMART VISIO is recommended for shopping malls, medium and large office buildings, hospitals, stadiums, airports factories and other buildings.

Properties:

- suitable for 4 different types of systems produced by AWEX
- intuitive interface
- possibility to upload layouts of the building
- system condition supervision
- system configuration
- event log readout
- full testing facilities

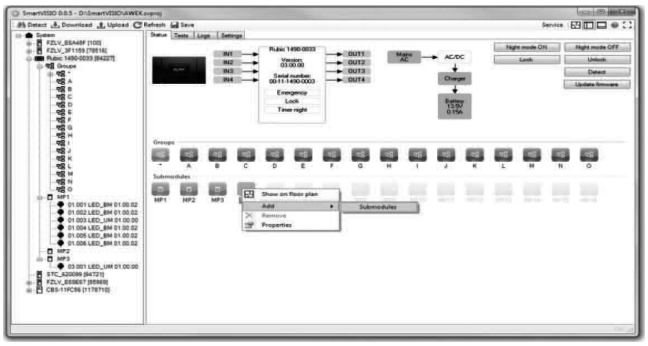


SYSTEMS

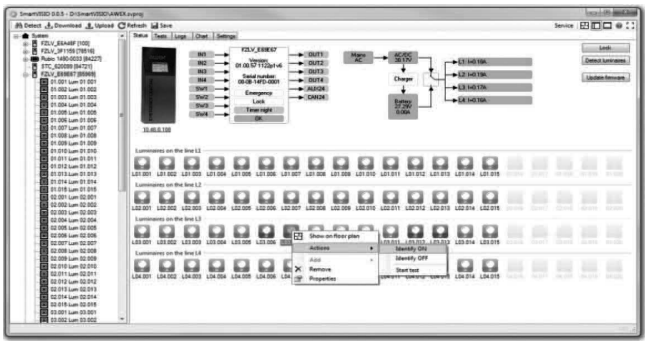


The structure of the system is represented as a tree and as panels with tabs. The order of elements is not set manually by a user, but is a result of addressing. The number and contents of tabs depend on the element of the system currently selected. Each element has a tab that displays its status.

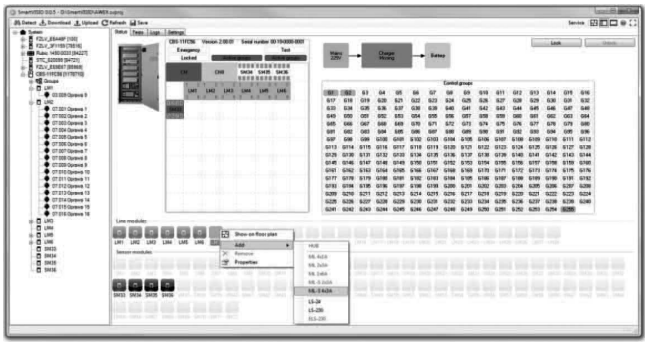
In the tree of the system, one of the systems can be selected and its status will be shown on the panel. If the System is chosen, the status of all the central units will be seen (icons change color the same way as on the plan of the building). To change the current settings, use “Settings” tab.



RUBIC panel allows you to see the status of Rubic UNA or Rubic UNA MINI central unit, as well as conversion kits and luminaires connected to it, to see the results of tests, reports and configuration of the central unit. The diagram displays the software version, serial number, status of inputs, outputs, errors, lock, night work, power status, charger status, battery status. Icons indicate the status of groups and sub-modules.



FZLV panel allows observation of the FZLV central unit and the luminaires connected to it, viewing test results, reports, graphs and configuration of the central unit. The diagram shows the hardware and software version, serial number, status of inputs, outputs, errors, lock, night work, total status of the central unit, power status, charger status, battery status, circuit status.



CBS panel allows observation of status of the central battery, control unit, charger, sensor modules, linear modules and luminaires, view test results, reports. The diagram shows a view of the central battery cabinet. Modules inside the cabinet can be moved by dragging the module with a mouse, left button pressed. The control module is shown as CM (Control Module), charger is shown as CH (Charger). The status of the groups (G1 - G255) is displayed in the table named Steering Groups. The list displays the status of the linear modules LM (Linear Module) and sensor modules SM (Sensor Module).



ADDITIONAL COMPONENTS

HTR 25 - HEATER WITH THERMOSTAT
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PICTOGRAMS 83



HTR 25
HEATER WITH
THERMOSTAT



ACCESSORIES



BATTERIES



PICTOGRAMS

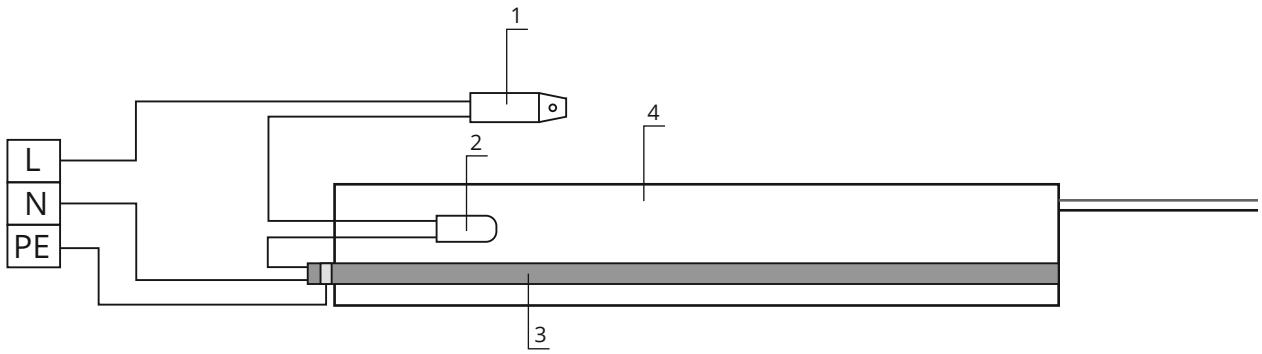
ADDITIONAL COMPONENTS

HTR 25 - HEATER WITH THERMOSTAT FOR LOW TEMPERATURE

System HTR-25 allows our emergency lighting fixtures to work in up to -25°C, which makes our products suitable for installation in cold rooms, parkings and outside of the buildings where self-contained emergency lighting fixtures are exposed to low temperatures.
This innovative solution can be used with both NiCd and Ni-MH battery packs, with fluorescent tubes and with LED's. HTR-25 is suitable for AWEX's IP65 fixtures and for our conversion kits assembled in IP65 commercial lighting.



TECHNICAL SPECIFICATION:
Power supply: 230 VAC/50 Hz
Insulation class: I
Minimal ambient temperature: -25°C
Minimal battery temperature: +6°C
Heater initiation temperature: <10°C



Legend:
1. Thermostat NO – closing temperature 10°C ±5°C – assembled inside the fixture
2. Thermostat NC – opening temperature 60°C ± 5°C – assembled on the battery
3. Self-regulated heating wire
4. Battery pack

ORDER CODES

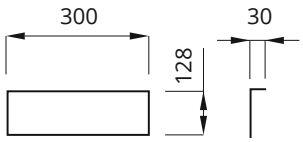
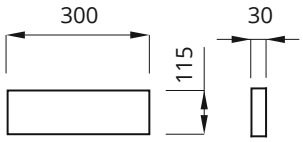
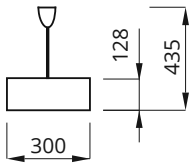
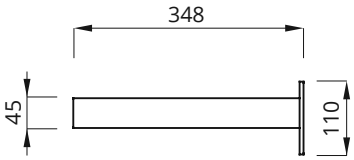
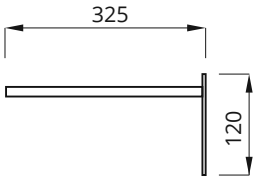
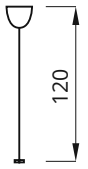
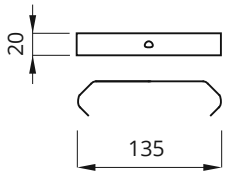
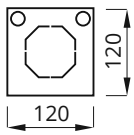
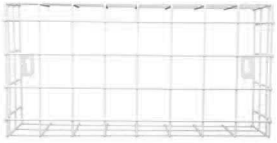
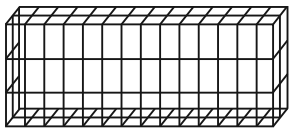
CODE	BATTERY CAPACITY	BATTERY TYPE
HTR-25/3.6-1000-CD	3.6V 1000mAh	Ni-Cd
HTR-25/3.6-1500-CD	3.6V 1500mAh	Ni-Cd
HTR-25/3.6-2500-CD	3.6V 2500mAh	Ni-Cd
HTR-25/3.6-4000-CD	3.6V 4000mAh	Ni-Cd
HTR-25/4.8-1500-CD	4.8V 1500mAh	Ni-Cd
HTR-25/4.8-2500-CD	4.8V 2500mAh	Ni-Cd
HTR-25/4.8-4000-CD	4.8V 4000mAh	Ni-Cd
HTR-25/6.0-1500-CD	6.0V 1500mAh	Ni-Cd
HTR-25/6.0-2500-CD	6.0V 2500mAh	Ni-Cd
HTR-25/6.0-4000-CD	6.0V 4000mAh	Ni-Cd

CODE	BATTERY CAPACITY	BATTERY TYPE
HTR-25/3.6-1000-MH	3.6V 1000mAh	Ni-MH
HTR-25/3.6-1500-MH	3.6V 1500mAh	Ni-MH
HTR-25/3.6-2500-MH	3.6V 2500mAh	Ni-MH
HTR-25/3.6-4000-MH	3.6V 4000mAh	Ni-MH
HTR-25/4.8-1500-MH	4.8V 1500mAh	Ni-MH
HTR-25/4.8-2500-MH	4.8V 2500mAh	Ni-MH
HTR-25/4.8-4000-MH	4.8V 4000mAh	Ni-MH
HTR-25/6.0-1500-MH	6.0V 1500mAh	Ni-MH
HTR-25/6.0-2500-MH	6.0V 2500mAh	Ni-MH
HTR-25/6.0-4000-MH	6.0V 4000mAh	Ni-MH

HTR 25 heating system type is designed for installation in luminaires with a degree of IP65 or higher.

ADDITIONAL COMPONENTS

Accessories

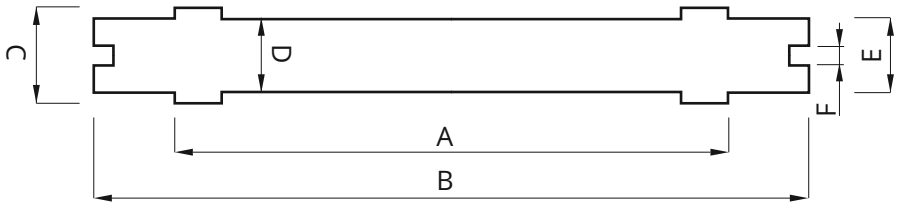
NAME/CODE	PICTURE	TECHNICAL DRAWING	APPLICATION
CEILING BRACKET CODE: 1902			HELIOS
WALL BRACKET CODE: 1901			HELIOS
CEILING BRACKET WITH PIPE CODE: 2944			HELIOS
WALL BRACKET CODE: 1011			INFINITY AS, INFINITY AC, ESCAPE
WALL BRACKET CODE: 1009			TWINS
SUSPENSION ROPES CODE: 1006			SCREEN DS, TWINS
UNDER PLASTERING CLIPS (SET OF 2 pcs) CODE:1010			TIGER, TIGER DS, TIGER P
EXTENSION BOX CODE: WWT 1000064			LOVATO N
WIRE GUARD HELIOS CODE: 1003 EMX CODE: 1004 PANORAMA CODE: 1005			HELIOS, EMX ,PANORAMA **Dimensions:** **Helios:** 405x100x170mm **Emx:** 405x132x208mm **Panorama:** 410x80x205mm

ADDITIONAL COMPONENTS

BATTERIES

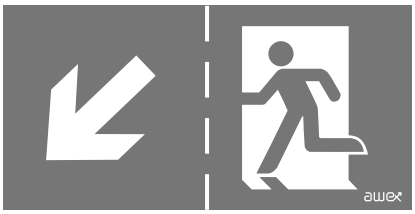


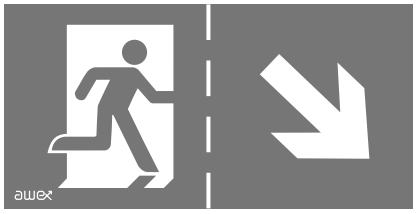
CODE	CAPACITY [mAh]	VOLTAGE [V]	DIMENSIONS [mm] A x B x C x D x E x F	WEIGHT [Kg]
Ni-Cd	1000	3.6	153x179x18x15x14x4	0,076
	1500		136x162x25x22x18x4	0,14
	2500		152x178x30x26x20x4	0,21
	4000		189x210x30x33x25x4	0,352
Ni-Cd	1500	4.8	175x202x25x22x18x4	0,184
	2500		202x228x30x26x20x4	0,288
	4000		245x270x36x33x25x4	0,452
Ni-Cd	1500	6.0	218x244x25x22x18x4	0,228
	2500		248x275x30x26x20x4	0,354
	4000		303x329x36x33x25x4	0,574
Ni-MH	1500	3.6	153x179x18x15x14x4	0,088
	2500		136x162x25xx22x18x4	0,172
	4000		152x179x30x26x20x4	0,26
Ni-MH	1500	4.8	202x228x18x15x14x4	0,114
	2500		175x202x25x22x18x4	0,22
	4000		202x228x30x26x20x4	0,338
Ni-MH	1500	6.0	251x276x18x15x14x4	0,14
	2500		220x246x26x23x18x4	0,268
	4000		251x276x30x26x20x4	0,398

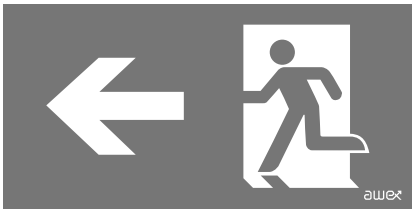


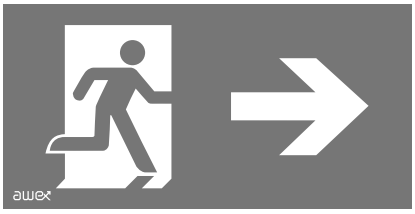
ADDITIONAL COMPONENTS

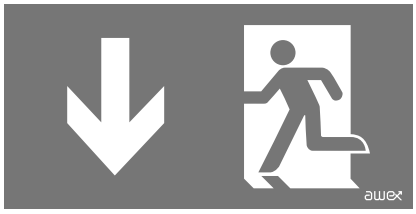
PICTOGRAMS

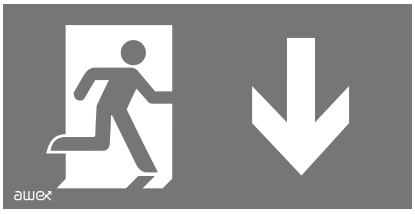

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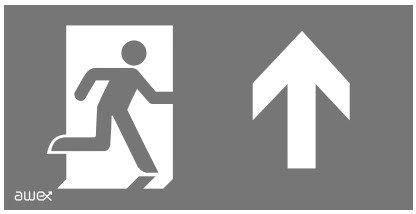

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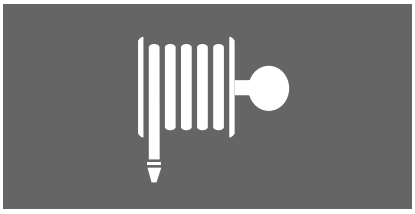

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	PSxx	PMxx	PBxx	PQxx
dimenssion [mm]	100x300	125x250	150x300	239x239
designed for	TG, TL, TGS, TSL	H, HE, HEL, HD, HDE, HDL, HDEL	TP, TPL, HP, HPL, E, EL, TW, PL, IF, SK8	Q

Legend:
xx - number of pictogram (picture above)

INFORMATION FOR READERS

USED SYMBOLS

The product meets the requirements in accordance with the European Directive

The permissible range of AC input voltage

The permissible range of DC input voltage

Safety extra low voltage SELV

Insulation class I

Insulation class II

Insulation class III

Type of used battery

Light source type - LED

Light source type - fluorescent lamp T5

Protection class - IP65

Mounting of emergency escape lighting fittings - surface / ceiling

Mounting of emergency escape lighting fittings - recessed / ceiling

Mounting of emergency exit signs - recessed / ceiling

Mounting of emergency exit signs - surface / ceiling

Viewing distance d=25m

Adaptation of the fixture for low temperatures up to -25°C



Emergency exit sign fitting, a pictogram must be chosen

**see pictogram*

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Some parameters of the delivered products may differ from the parameters of the products in this catalogue. Appearance of some products may differ slightly from pictures and drawings represented in this catalogue. AWEX company reserves the right to withdraw products from catalogue or change their parameters.

NOTES

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