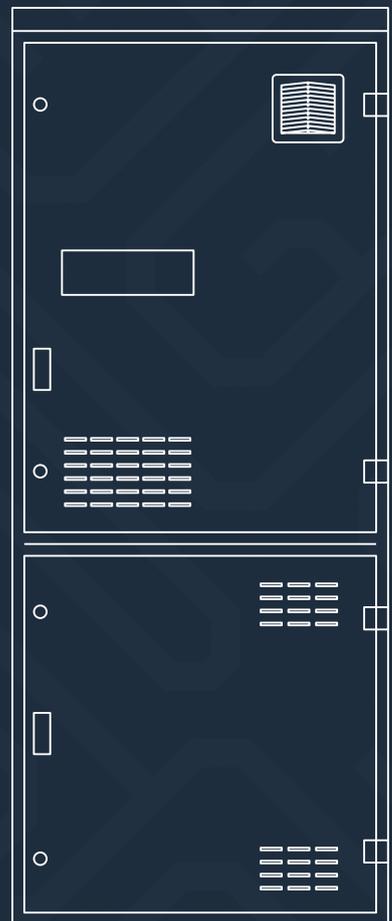
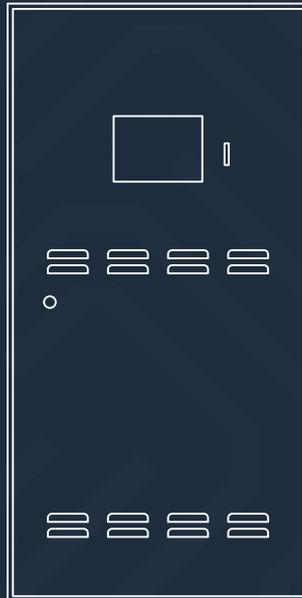
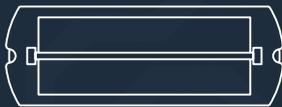
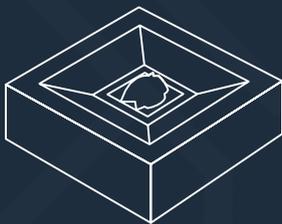


GENERAL CATALOG

VER. 14.1





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.



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EMERGENCY ESCAPE LIGHTING

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AXN



AXP



LOVATO N



LOVATO P



EYE LED
ROUND



EYE LED
SQUARE



EYE



SPY



INFINITY PO



EMX



HELIOS LED



HELIOS



TIGER LED



TIGER



PANORAMA &
PANORAMA 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, NiMH 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

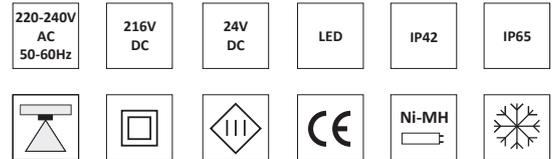
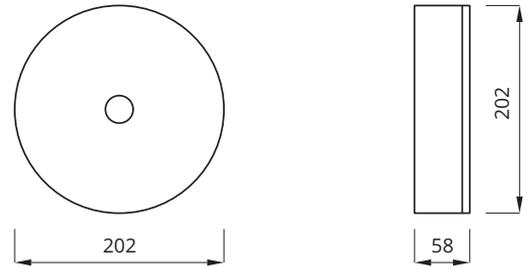
ADDITIONAL INFORMATION:

LED indicator signalizes mains power supply and battery charge

Deep discharge protection

III class insulation of FZLV system

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

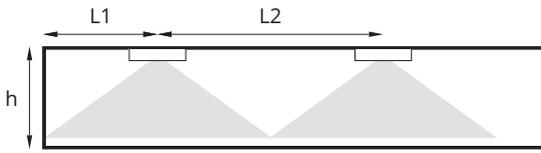
AXNC – fixture AXN IP65 with optics for escape route

AXENO – fixture AXN IP42 with optics for open area

AXENC – fixture AXN IP42 with optics for escape route

EMERGENCY ESCAPE LIGHTING

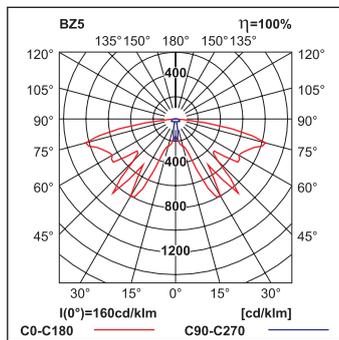
Photometry



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



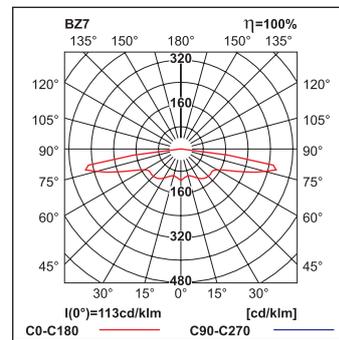
AXNC - LED 1W (114lm) with optics for escape route



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

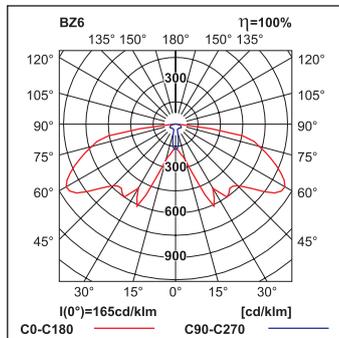
AXNO - LED 1W (118lm) with optics for open area



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

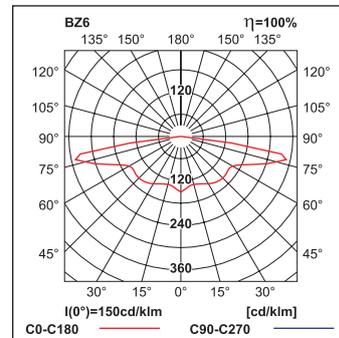
AXNC - LED 3W (287lm) with optics for escape route



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

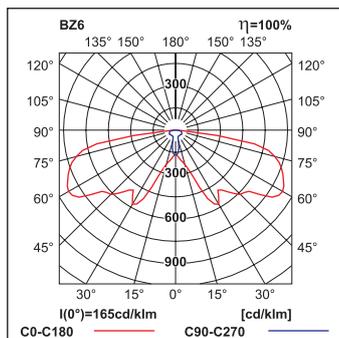
AXNO - LED 3W (283lm) with optics for open area



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
7,00	5,00	18,00
8,00	5,00	18,00
9,00	5,00	18,00
10,00	4,00	17,00

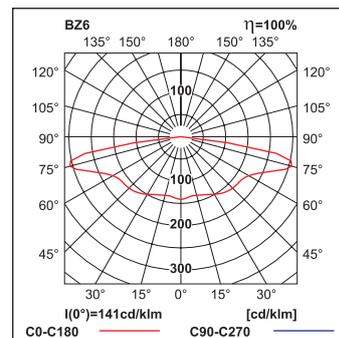
AXNC - LED 6W (600lm) with optics for escape route



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, NiMH 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

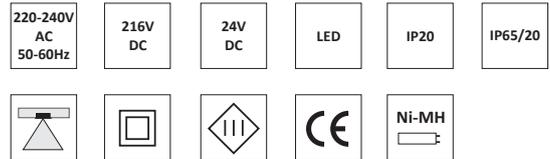
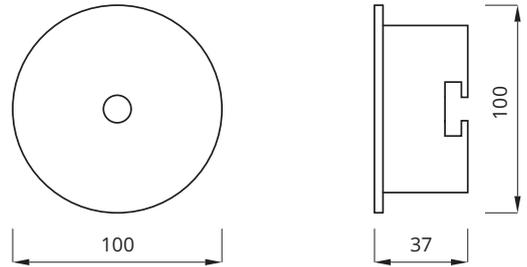
CB – central battery

ADDITIONAL INFORMATION:

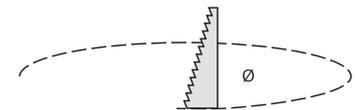
LED indicator signalizes mains power supply and battery charge

Deep discharge protection

III class insulation of FZLV system



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

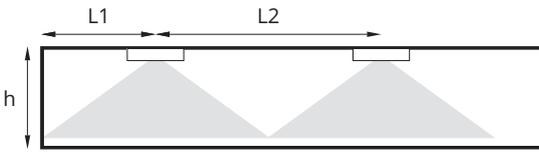
AXPC – fixture AXP IP65/20 with optics for escape route

AXEPO – fixture AXP IP20 with optics for open area

AXEPC – fixture AXP IP20 with optics for escape route

EMERGENCY ESCAPE LIGHTING

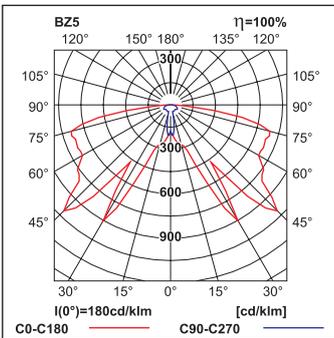
Photometry



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



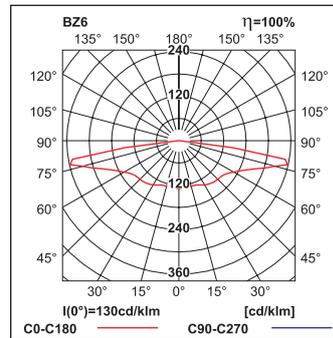
AXPC – LED 1W (109lm) with optics for escape route



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

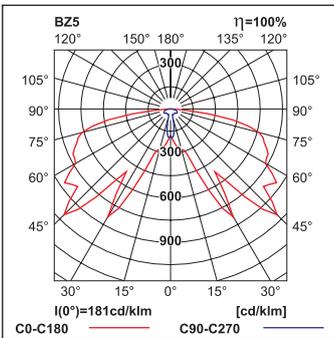
AXPO – LED 1W (118lm) with optics for open area



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

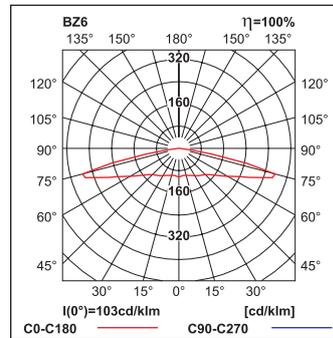
AXPC – LED 3W (265lm) with optics for escape route



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

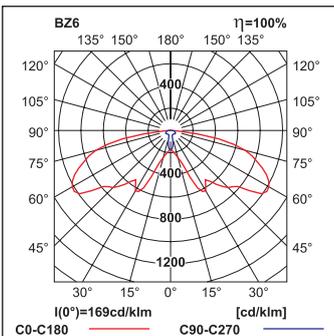
AXPO – LED 3W (285lm) with optics for open area



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

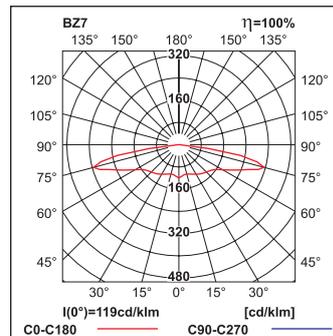
AXPC – LED 6W (523lm) with optics for escape route



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, NiMH 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

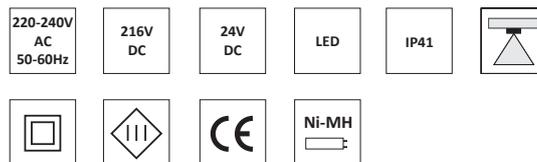
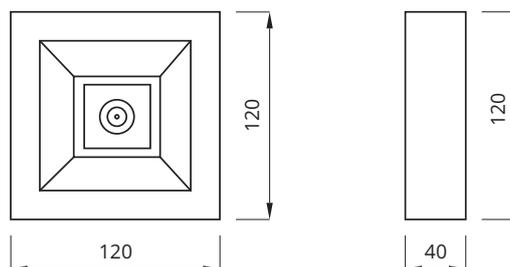
CB – central battery

ADDITIONAL INFORMATION:

LED indicator signalizes mains power supply and battery charge

Deep discharge protection

III class insulation of FZLV system



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

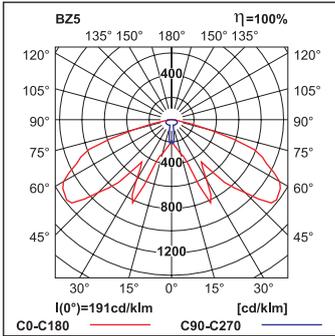
WH – fixture in white color

GR – fixture in grey color

BL – fixture in black color

EMERGENCY ESCAPE LIGHTING

LVNC – LED 1W (114,3lm) with optic for escape route

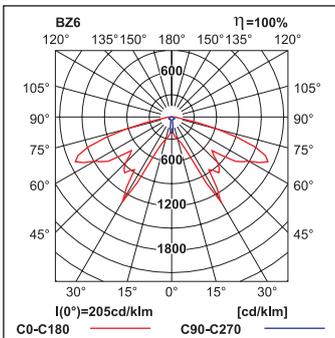


LVPO 3W – avg 1lx

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



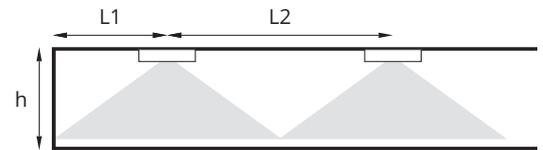
LVNC – LED 3W (237,6) with optic for escape route



LVNC – avg 1lx

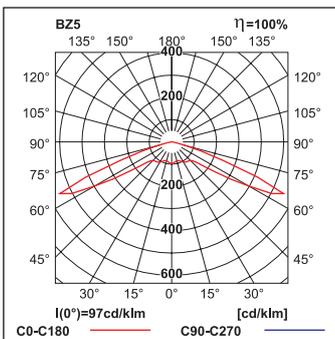
h [m]	L1	L2
2,50	7,50	16,50
3,00	8,50	18,50
3,50	9,00	21,00
4,00	9,00	22,50
4,50	9,50	22,50
5,00	10,00	23,00
6,00	11,00	25,00
7,00	11,00	24,00
8,00	10,00	21,00

Photometry



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

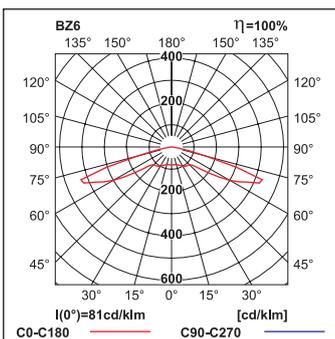
LVNO – LED 1W (117,7lm) with optic for open area



LVNO – 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 (249,1lm) with optic for open area



LVNO – 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, NiMH 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

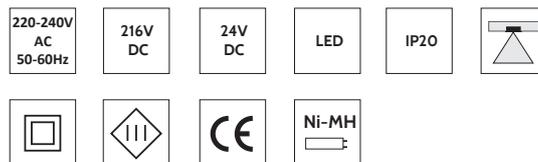
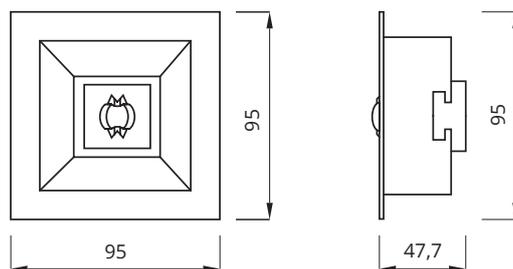
CB – central battery

ADDITIONAL INFORMATION:

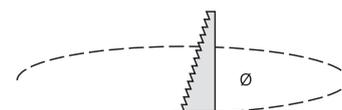
LED indicator signalizes mains power supply and battery charge

Deep discharge protection

III class insulation of FZLV system



Dimension of assembly hole Ø 80mm



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

LVPO – fixture Lovato P with optics for open area

LVPC – fixture Lovato P with optics for escape route

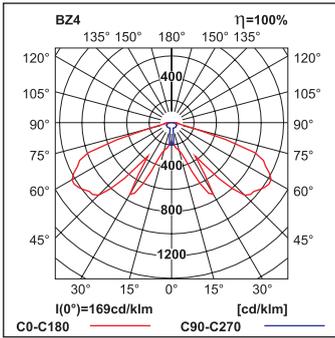
WH – fixture in white color

GR – fixture in grey color

BL – fixture in black color

EMERGENCY ESCAPE LIGHTING

LVPC – LED 1W (122,5lm) with optic for escape route

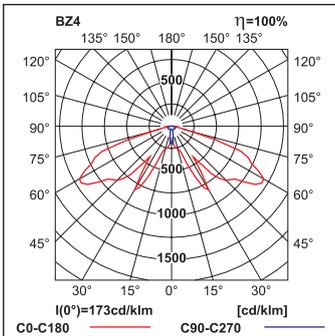


LVPC – avg 1lx

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



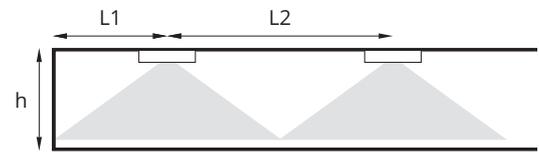
LVPC – LED 3W (237,8lm) with optic for escape route



LVPC – avg 1lx

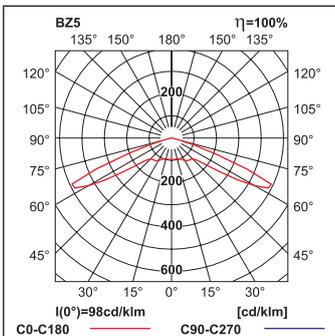
h [m]	L1	L2
2,50	7,50	16,50
3,00	8,50	18,50
3,50	9,00	21,00
4,00	9,00	22,50
4,50	9,50	22,50
5,00	10,00	23,00
6,00	11,00	25,00
7,00	11,00	24,00
8,00	10,00	21,00

Photometry



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

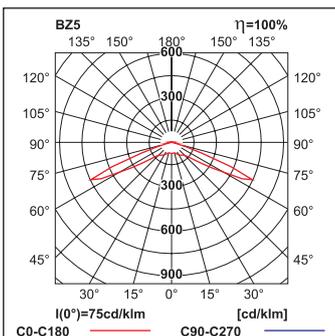
LVPO – LED 1W (120,7lm) with optic for open area



LVPO – 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 (241,7lm) with optic for open area



LVPO – 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 stainless 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 (102 lm), C 1W (101 lm) or
O 3W (258 lm), C 3W (260 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, NiMH batteries

INSULATION CLASS:

II

IP RATING:

IP20

AMBIENT TEMPERATURE:

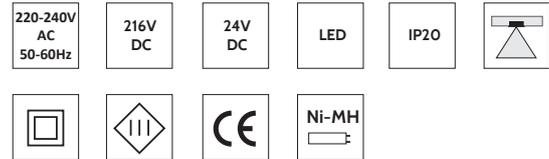
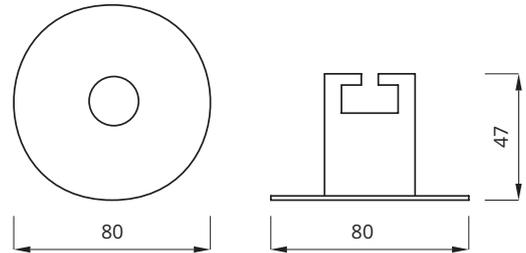
t_a: 0°C÷40°C

OPTIONS:

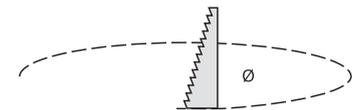
SE – non maintained
SA – maintained
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery

ADDITIONAL INFORMATION:

LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class insulation of FZLV system



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

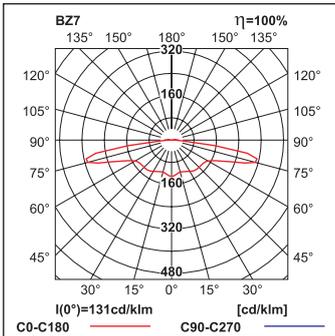
CODE	POWER [W]	SYSTEM	COLOR
EYO	1 3	FZLV	ST WH
EYC	1 3	FZLV	ST WH
EY	3x1	FZLV	ST WH

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 – white

EMERGENCY ESCAPE LIGHTING

EYO - LED 1W (102lm) with optic for open area

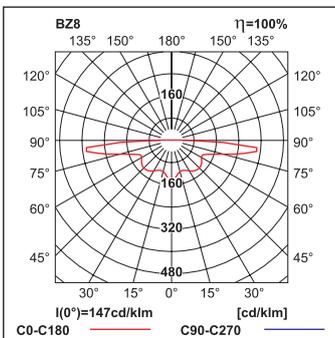


EYO - min 0,5lx

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 (258lm) with optic for open area

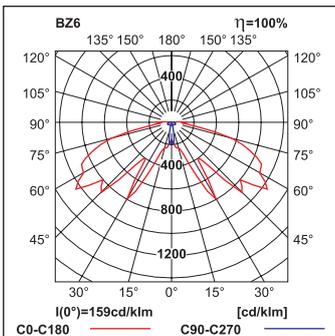


EYO - min 0,5lx

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



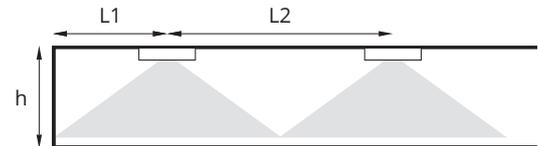
EYC - LED 1W (101lm) with optic for escape route



EYC - avg 1lx

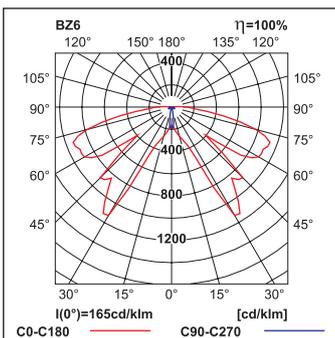
h [m]	L1	L2
2,50	6,00	14,00
3,00	6,00	15,00
3,50	6,00	15,50
4,00	6,00	16,00
4,50	6,00	16,00
5,00	5,00	13,00
6,00	4,00	10,00
7,00	4,00	8,00
8,00	3,00	6,00

Photometry



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

EYC - LED 3W (260lm) with optic for escape route



EYC - 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 stainless 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 (100 lm), C 1W (100 lm) or

O 3W (251 lm), C 3W (264 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, NiMH 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

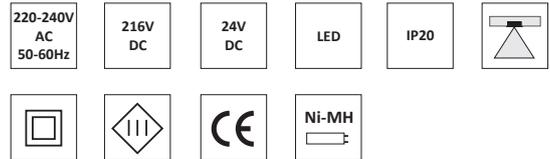
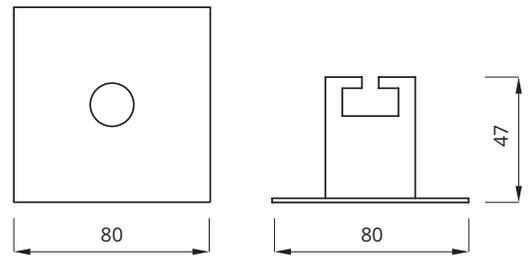
CB – central battery

ADDITIONAL INFORMATION:

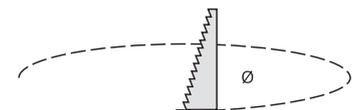
LED indicator signalizes mains power supply and battery charge

Deep discharge protection

III class insulation of FZLV system



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

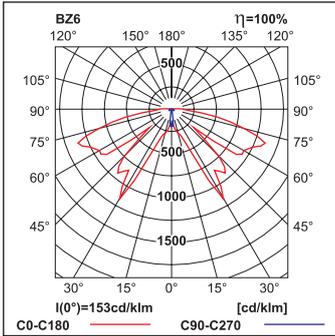
EYK – fixture Eye led square

ST – stainless steel

WH – white

EMERGENCY ESCAPE LIGHTING

EYKC – LED 1W (100lm) with optic for escape route

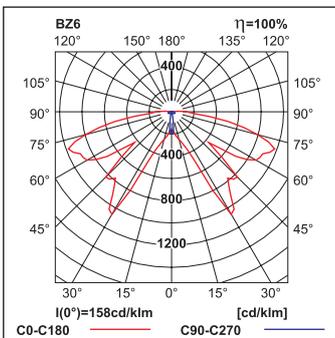


EYKC – avg 1lx

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 (264lm) with optic for escape route

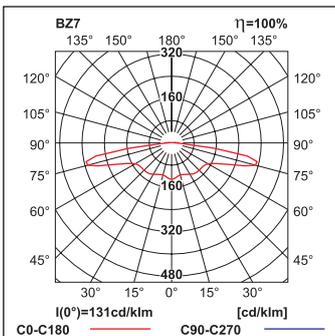


EYKC – avg 1lx

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



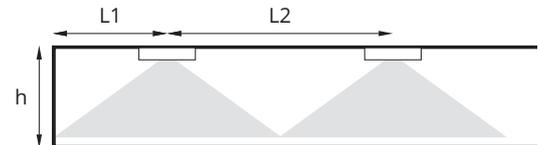
EYKO – LED 1W (100lm) with optic for open area



EYKO – min 0,5lx

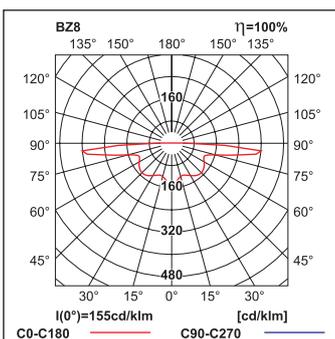
h [m]	L1	L2
2,50	3,00	9,00
3,00	3,00	10,00
3,50	3,00	11,00
4,00	3,00	11,00
4,50	3,00	11,00
5,00	3,00	11,00
6,00	3,00	10,00
7,00	3,00	8,00
8,00	3,00	6,00

Photometry



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

EYK30 – LED 3W (251lm) with optic for open area



EYKO – 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

EMERGENCY ESCAPE LIGHTING

EYE

MATERIALS:

Body made of stainless steel or stainless 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, NiMH batteries

INSULATION CLASS:

II

IP RATING:

IP44/20

AMBIENT TEMPERATURE:

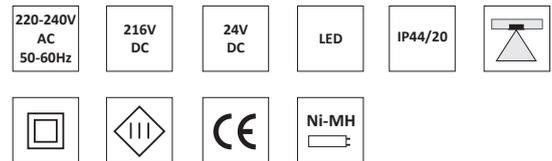
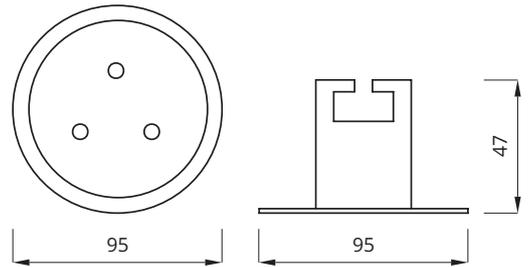
t_a : 0°C÷40°C

OPTIONS:

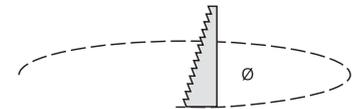
- SE – non maintained
- SA – maintained
- AT – autotest
- RS – Rubic central monitoring
- FZLV – central battery FZLV 24V
- CB – central battery

ADDITIONAL INFORMATION:

LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class insulation of FZLV system



Dimension of assembly hole Ø 60mm



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

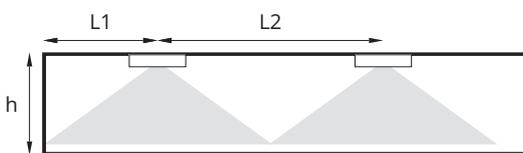
FZLV SYSTEM CONFIGURATION

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

Legend:

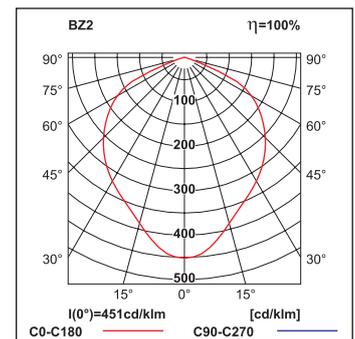
- SE – non maintained
- SA – maintained
- AT – autotest
- RS – Rubic central monitoring
- FZLV – fixture for central battery FZLV 24 VDC
- CB – central battery
- CBS – central battery (circuit monitoring)
- ADS – central battery with address module ADS 20
- ADL – central battery with address module ADL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

Photometry



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

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

SPY

MATERIALS:

Body made of stainless steel or stainless steel painted white

MOUNTING:

Assembling inside light fitting

POWER SUPPLY:

Self contained – 220÷240VAC/50÷60Hz

Central battery – 220÷240VAC/50÷60Hz; 216VDC

Central battery FZLV – 24VDC

LIGHT SOURCE:

1W, 3W power LED

Escape route or open area optics

CHARGING:

Maximum 12h; energy-saving electronic impulse charger

AUTONOMY AND BATTERIES:

1h, 2h, 3h, NiMH 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

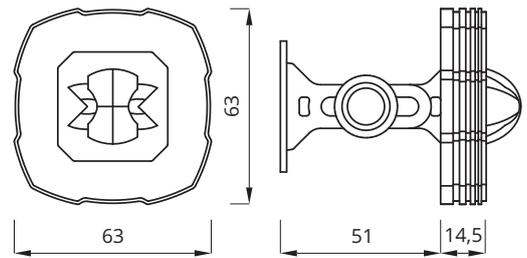
CB – central battery

ADDITIONAL INFORMATION:

LED indicator signalizes mains power supply and battery charge

Deep discharge protection

III class insulation of FZLV system



220-240V AC 50-60H	216V DC	24V DC	LED	IP20	
		CE	Ni-MH 		

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

INFINITY PO

MATERIALS:

Grey 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

Escape open area optics

CHARGING:

Maximum 12h; energy-saving electronic impulse charger

AUTONOMY AND BATTERIES:

1h, 2h, 3h, NiMH 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

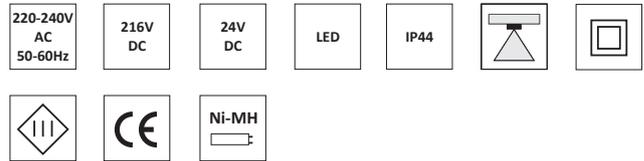
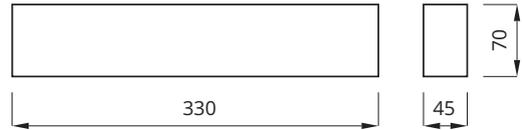
CB – central battery

ADDITIONAL INFORMATION:

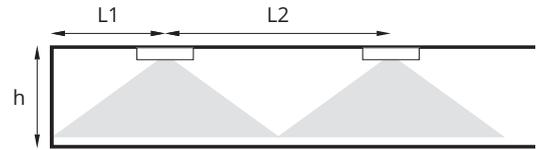
LED indicator signalizes mains power supply and battery charge

Deep discharge protection

III class insulation of FZLV system



Photometry



L1 – distance from the wall to the first fixture

L2 – distance between fixtures

h – height of the ceiling

SELF CONTAINED CONFIGURATION

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

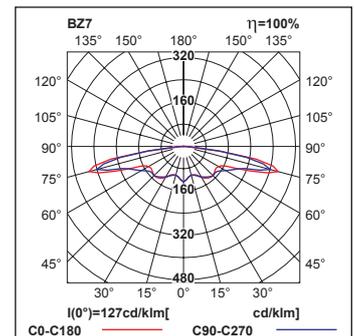
CENTRAL BATTERY CONFIGURATION

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

FZLV SYSTEM CONFIGURATION

CODE	POWER [W]	SYSTEM
IFAPO	3x1	FZLV

IFAPO 3x1W (227lm)



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

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

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 (274 lm) or 2x3W (436 lm) power LED

CHARGING:

Maximum 12h; energy-saving electronic impulse charger

AUTONOMY AND BATTERIES:

1h, 2h, 3h , NiMH batteries

INSULATION CLASS:

II

IP RATING:

IP42 or IP65

AMBIENT TEMPERATURE:

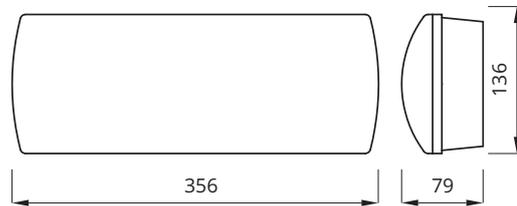
t_a: 0°C÷40°C

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 insulation of FZLV system



220-240V AC 50-60Hz	216V DC	24V DC	LED	IP42	IP65	
			CE	Ni-MH		

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

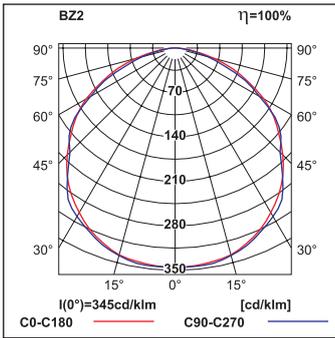
CODE	POWER [W]	SYSTEM	COVER
HWM HWEM	3,2	FZLV	TR OP
HWD HWED	3x1	FZLV	TR
HSP HESP	2x3	FZLV	TR

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

EMERGENCY ESCAPE LIGHTING

HWM - LED 3,6W (257lm) for 2,5 to 10 m



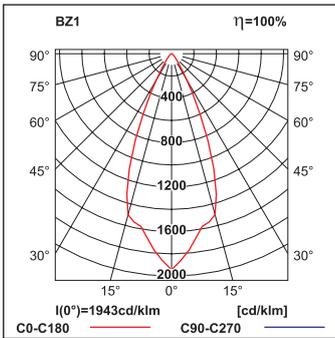
HWM - min 0,5lx open area

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 (274,8 lm) power LED for 8 to 14m



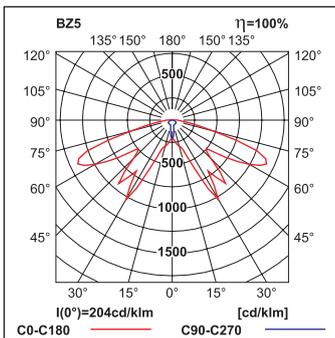
HWD - min 0,5lx open area

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

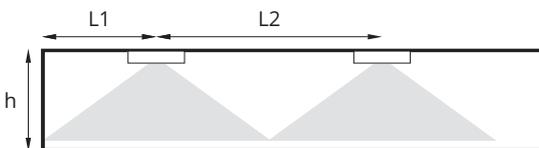
HSP - 2x3W (436lm) power LED for 2,5 to 8m



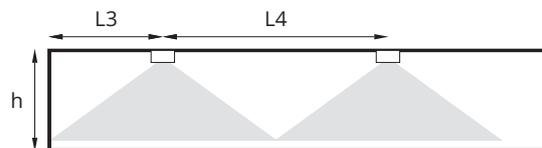
HSP - avg 1lx, open area

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:

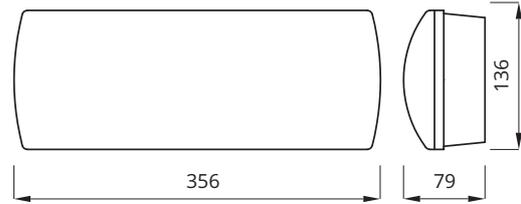
t_a : 0°C÷40°C

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



230V AC 50-60Hz	216V DC	T5 G5	TC-SEL 2G7	TC-L 2G11	IP42	IP65
				Ni-Cd		

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

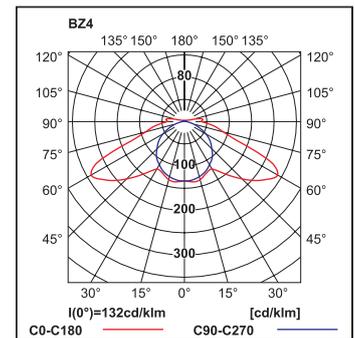
* AVAILABLE WITH SE VERSION ONLY

CENTRAL BATTERY CONFIGURATION

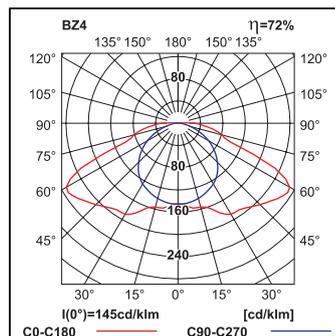
CODE	POWER [W]	SYSTEM	OPTION
HE	8 11 18	CB	CBS ADS ADL
H	8 11 18	CB	CBS ADS ADL

Photometry

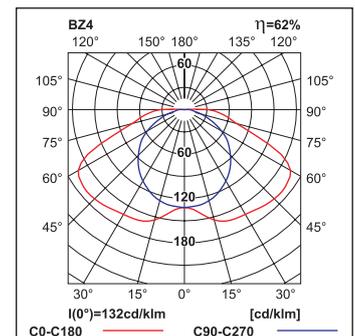
Helios 8W



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 IP65
- HE – fixture Helios IP42

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, NiMH batteries

INSULATION CLASS:

II

IP RATING:

IP22

AMBIENT TEMPERATURE:

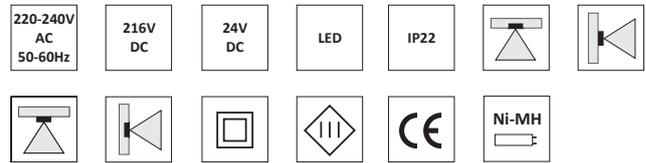
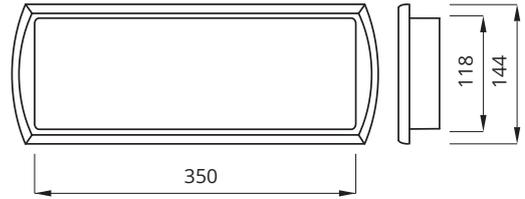
t_a: 0°C÷40°C

OPTIONS:

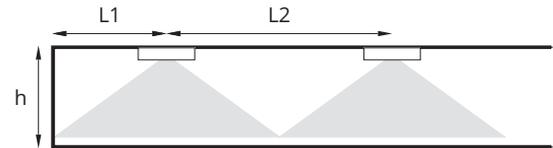
SE – non maintained
SA – maintained
PT – manual test button
AT – autotest
RS – Rubic central monitoring
FZLV – central battery FZLV 24V
CB – central battery

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 insulation of FZLV system



Photometry



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

SELF CONTAINED CONFIGURATION

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

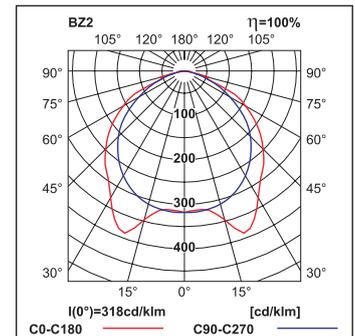
CENTRAL BATTERY CONFIGURATION

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

TL – 3,2 W (270lm)



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

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 3,2 W – 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 ceiling bracket

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:

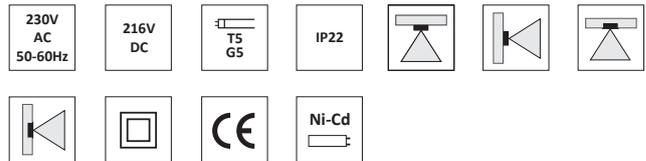
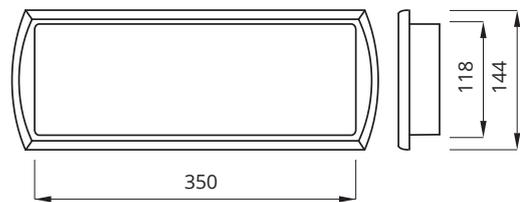
$t_a: 0^{\circ}\text{C}\div 40^{\circ}\text{C}$

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

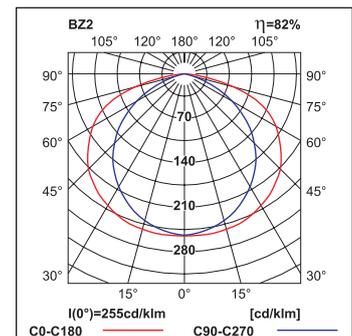
CODE	POWER [W]	AUTONOMY [h]			MODE		OPTION		
TG	8	1	2	3	SE	SA	PT	AT	RS

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:

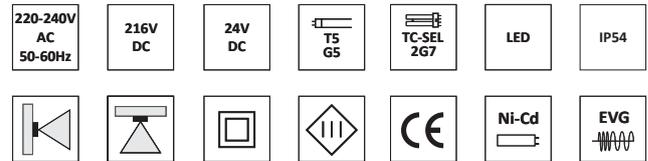
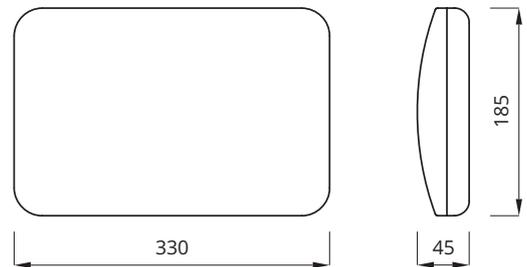
t_a: 0°C÷40°C

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 insulation of FZLV system



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

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:

11W, 18W fluorescent lamp

CHARGING:

Maximum 24h

AUTONOMY & BATTERIES:

1h, 2h or 3h, Ni-Cd batteries

INSULATION CLASS:

I

IP RATING:

IP54

AMBIENT TEMPERATURE:

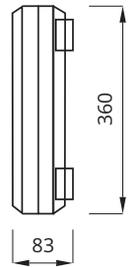
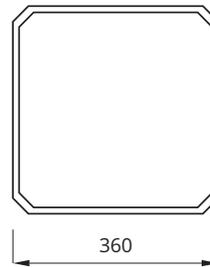
$t_a: 0^{\circ}\text{C} \div 40^{\circ}\text{C}$

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

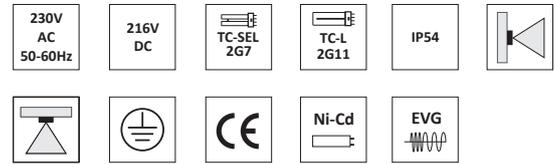
CODE	POWER [W]				AUTONOMY [h]			MODE			OPTION		
SD	11	2x11	18	2x18*	1	2	3	SE	SA	PT	AT	RS	

* AVAILABLE ONLY IN NON-MAINTAINED VERSION

CENTRAL BATTERY CONFIGURATION

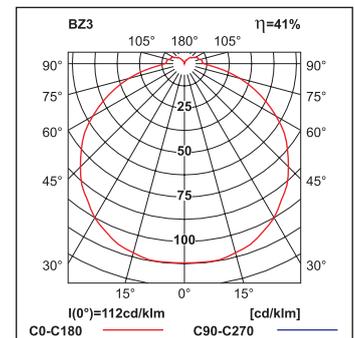
CODE	POWER [W]				SYSTEM		OPTION	
SD	11	2x11	18	2x18*	CB	CBS	ADS	ADL

* AVAILABLE ONLY IN NON-MAINTAINED VERSION



Photometry

SD – 18 W



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:

11W, 18W fluorescent lamp

CHARGING:

Maximum 24h

AUTONOMY & BATTERIES:

1h, 2h or 3h, Ni-Cd batteries

INSULATION CLASS:

I

IP RATING:

IP54

AMBIENT TEMPERATURE:

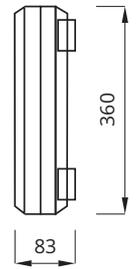
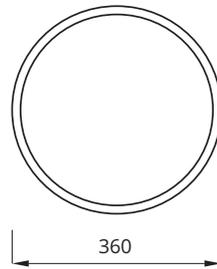
$t_a: 0^{\circ}\text{C}\div 40^{\circ}\text{C}$

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

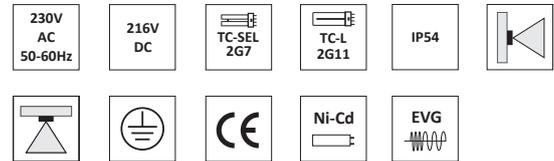
CODE	POWER [W]				AUTONOMY [h]			MODE			OPTION		
TD	11	2x11	18	2x18*	1	2	3	SE	SA	PT	AT	RS	

* AVAILABLE ONLY IN NON-MAINTAINED VERSION

CENTRAL BATTERY CONFIGURATION

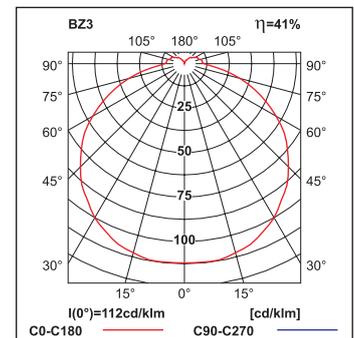
CODE	POWER [W]				SYSTEM		OPTION	
TD	11	2x11	18	2x18*	CB	CBS	ADS	ADL

* AVAILABLE ONLY IN NON-MAINTAINED VERSION



Photometry

TD - 18 W



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:

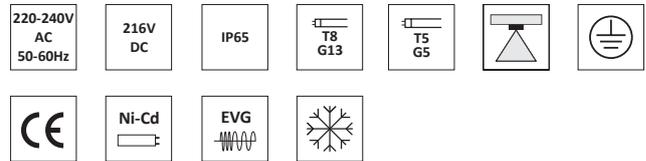
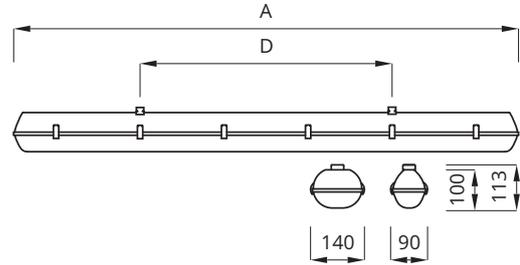
t_a: 0°C÷40°C

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

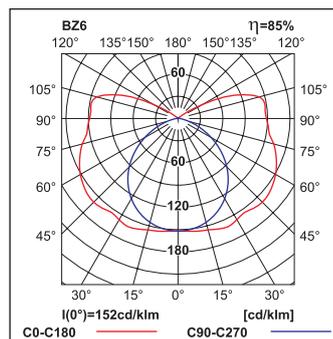


Dimensions [mm]

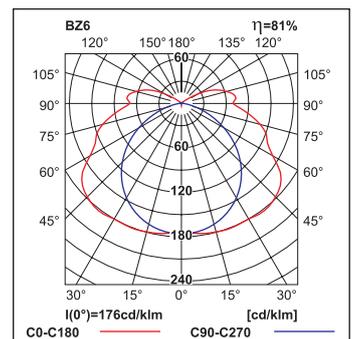
POWER	AxD	L2
1x14/18/24	670x350	10,00
2x14/18/24	670x350	10,50
1x28/36/54	1270x700	11,00
2x28/36/54	1270x700	11,00
1x35/49/58/80	1570x940	11,50
2x35/49/58/80	1570x940	12,00

Photometry

HR – 1x 18 W



HR – 2 x 18 W



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

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

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:

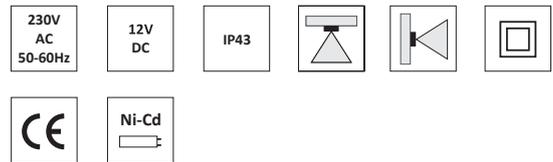
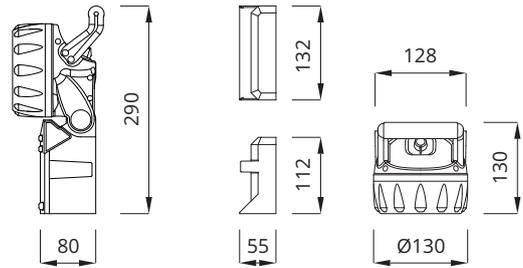
LED indicator signalizes mains power supply and battery charge

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	34
INFINITY B	35
INFINITY AC & INFINITY AS	36
INFINITY AD & INFINITY AR	37
TWINS	38
PLEXI LED	39
ESCAPE & ESCAPE LED	40
HELIOS & HELIOS LED	41
HELIOS DS & HELIOS DS LED	42
HELIOS P & HELIOS P LED	43
TIGER P & TIGER P LED	44
TIGER DS & TIGER DS LED	45
TIGER & TIGER LED	46
PANORAMA & PANORAMA LED	47
SCREEN	48
SCREEN DS	49
EMX	50
QUADRO	51



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 P &
TIGER P LED



TIGER DS &
TIGER DS LED



TIGER &
TIGER LED



PANORAMA &
PANORAMA LED



SCREEN



SCREEN DS



EMX



QUADRO

TWO-SIDED EMERGENCY EXIT SIGNS

SK-8

MATERIALS:

White polycarbonate body
Opal 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 LED

CHARGING:

Maximum 24h

AUTONOMY AND BATTERIES:

1h, 2h, 3h, Ni-Cd batteries

INSULATION CLASS:

II

IP RATING:

IP44

VIEWING DISTANCE:

30m

AMBIENT TEMPERATURE:

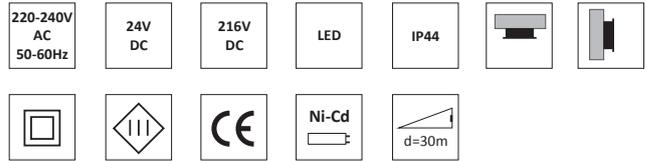
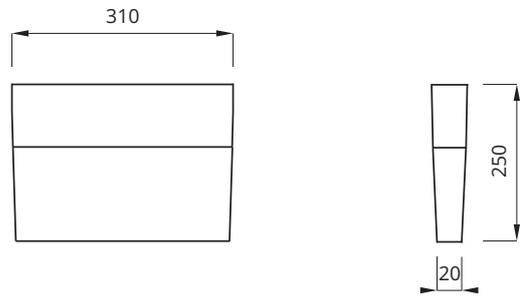
t_a: 0°C÷40°C

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 insulation of FZLV system



SELF CONTAINED CONFIGURATION

CODE	POWER [W]	AUTONOMY [h]			MODE		OPTION		
SK8	1,2	1	2	3	SE	SA	PT	AT	RS

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]	SYSTEM	OPTION		
SK8	1,2	CB	CBS	ADS	ADL

FZLV SYSTEM CONFIGURATION

CODE	POWER [W]	SYSTEM
SK8	1,2	FZLV



*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
SK8 – fixture SK-8

*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:

Grey 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 24h

AUTONOMY AND BATTERIES:

1h, 2h, 3h, Ni-MH batteries

INSULATION CLASS:

II

IP RATING:

IP44

VIEWING DISTANCE:

30m

AMBIENT TEMPERATURE:

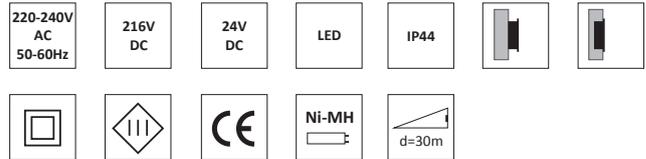
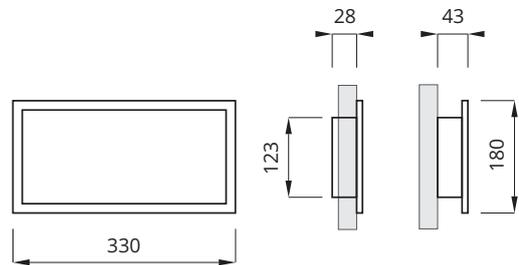
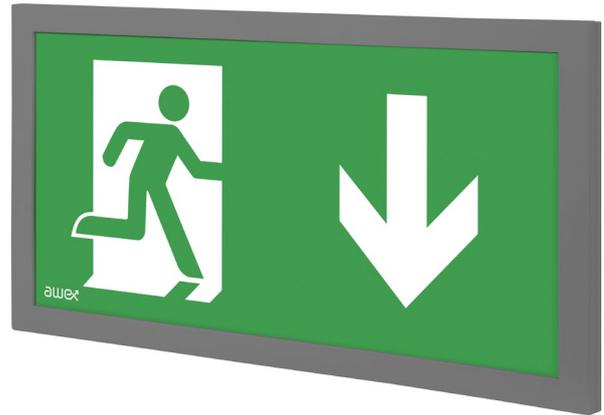
t_a: 0°C÷40°C

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 insulation of FZLV system



*see pictogram

SELF CONTAINED CONFIGURATION

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

CENTRAL BATTERY CONFIGURATION

CODE	POWER [W]	SYSTEM	OPTION		
IFB	3,2	CB	CBS	ADS	ADL

FZLV SYSTEM CONFIGURATION

CODE	POWER [W]	SYSTEM
IFB	3,2	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
IFB – fixture Infinity B

*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:

Grey 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 24h

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 insulation of FZLV system

SELF CONTAINED CONFIGURATION

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

CENTRAL BATTERY CONFIGURATION

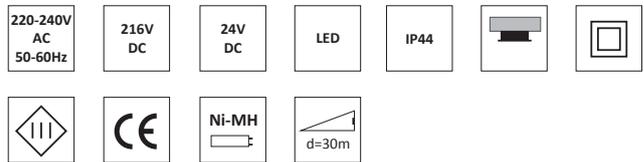
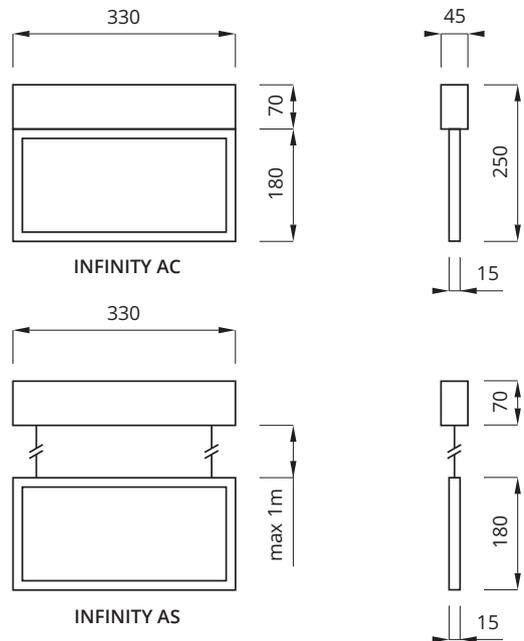
CODE	POWER [W]	SYSTEM	OPTION		
IFAC	3,2	CB	CBS	ADS	ADL
IFAS	3,2	CB	CBS	ADS	ADL

FZLV SYSTEM CONFIGURATION

CODE	POWER [W]	SYSTEM
IFAC	3,2	FZLV
IFAS	3,2	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
IFAC – fixture Infinity AC
IFAS – fixture Infinity AS



*see pictogram

*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 grey color
Plexi glass in grey 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 24h

AUTONOMY AND BATTERIES:

1h, 2h, 3h, Ni-MH batteries

INSULATION CLASS:

II

IP RATING:

IP44

VIEWING DISTANCE:

30m

AMBIENT TEMPERATURE:

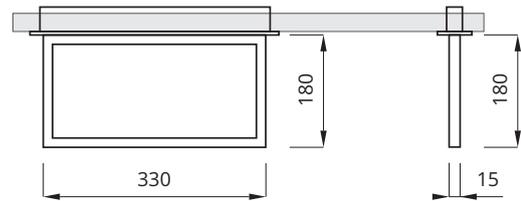
t_a: 0°C÷40°C

OPTIONS:

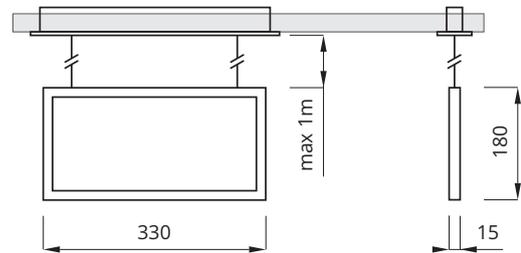
- SE – non maintained
- SA – maintained
- PT – manual test button
- AT – autotest
- RS – Rubic central monitoring
- FZLV – central battery FZLV 24V
- CB – central battery

ADDITIONAL INFORMATION:

LED indicator signalizes mains power supply and battery charge
Deep discharge protection
III class insulation of FZLV system



INFINITY AD



INFINITY AR

SELF CONTAINED CONFIGURATION

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

CENTRAL BATTERY CONFIGURATION

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

FZLV SYSTEM CONFIGURATION

CODE	POWER [W]	SYSTEM
IFAD	3,2	FZLV
IFAR	3,2	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
- IFAD – fixture Infinity AD
- IFAR – fixture infinity AR



*see pictogram

*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)
Optional assembly on rope sling 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:

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 insulation of FZLV system

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

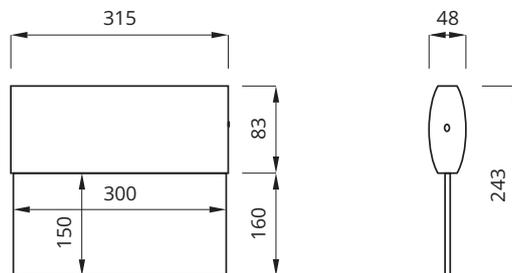
CODE	POWER [W]		SYSTEM	OPTION		
TW	1,2	8	CB	CBS	ADS	ADL
TWB	1,2	8	CB	CBS	ADS	ADL

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



230V AC 50-60Hz	216V DC	24V DC	LED	T5 G5	IP41
EVG	d=30m				



*see pictogram

*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

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 insulation of FZLV system

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

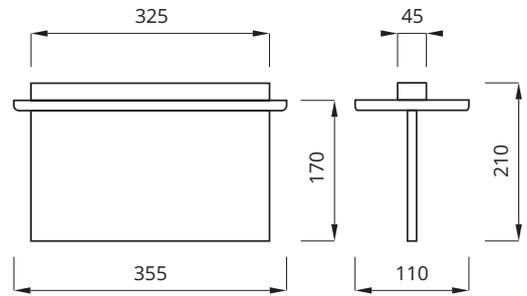
FZLV SYSTEM CONFIGURATION

CODE	POWER [W]	SYSTEM
PL	1,2	FZLV

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 – grey
- WH – white

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

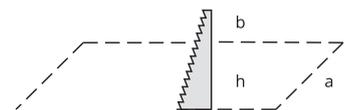


230V AC 50-60Hz	216V DC	24V DC	LED	T5 G5	IP20
				Ni-Cd	EVG



*see pictogram

DIMENSION OF ASSEMBLY HOLE [a x b x c] 65 x 330 x 110mm



TWO-SIDED EMERGENCY EXIT SIGNS

ESCAPE & ESCAPE LED

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

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:

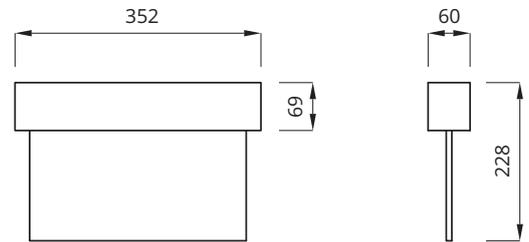
t_a: 0°C+40°C

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 insulation of FZLV system





*see pictogram

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 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:

IP42 or IP65

VIEWING DISTANCE:

25m

AMBIENT TEMPERATURE:

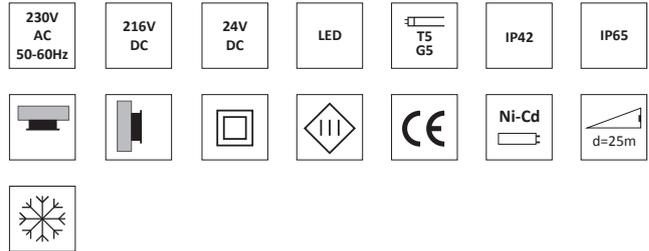
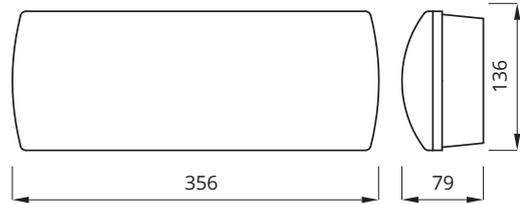
t_a: 0°C÷40°C

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 insulation of FZLV system



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 with Fresnel optics
- OP – opal

*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:

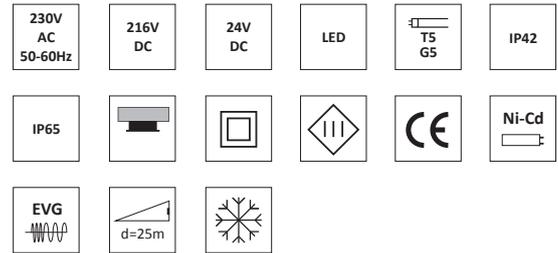
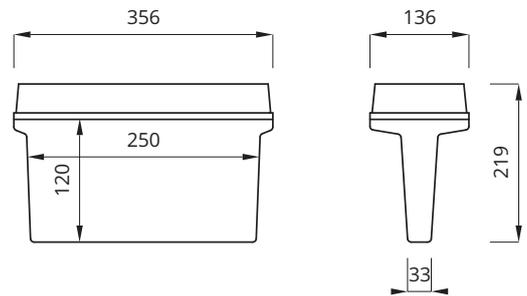
t_a: 0°C+40°C

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 insulation of FZLV system



*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 insulation of FZLV system

SELF CONTAINED CONFIGURATION

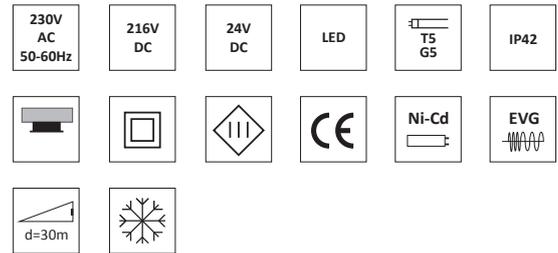
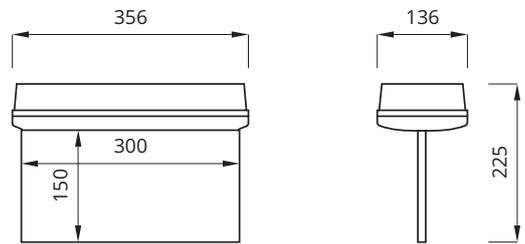
CODE	POWER [W]	AUTONOMY [h]			MODE		OPTION		
HP	8	1	2	3	SE	SA	PT	AT	RS
HPL	1,2	1	2	3	SE	SA	PT	AT	RS

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



*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
- 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.

TWO-SIDED EMERGENCY EXIT SIGNS

TIGER P & TIGER P LED

MATERIALS:

White polycarbonate body
Transparent polycarbonate cover

MOUNTING:

Surface (ceiling)
Optional assembly indry-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 fluourescent 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:

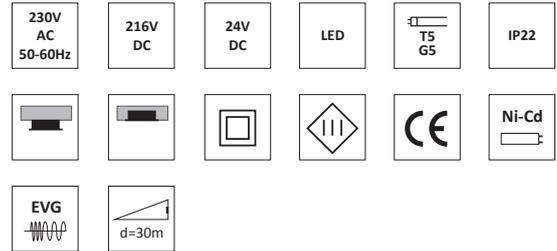
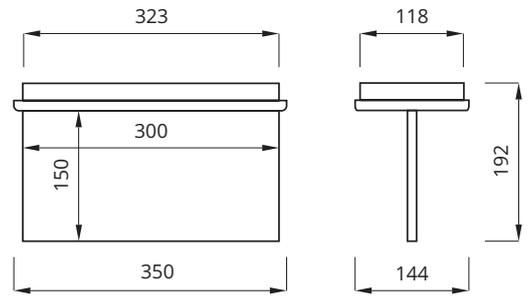
t_a: 0°C÷40°C

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 insulation of FZLV system



*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.

TWO-SIDED EMERGENCY EXIT SIGNS

TIGER DS & TIGER DS LED

MATERIALS:

White polycarbonate body
Opal polycarbonate cover

MOUNTING:

Surface (ceiling)
Optional assembly indry-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:

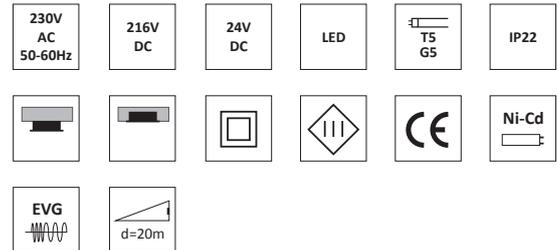
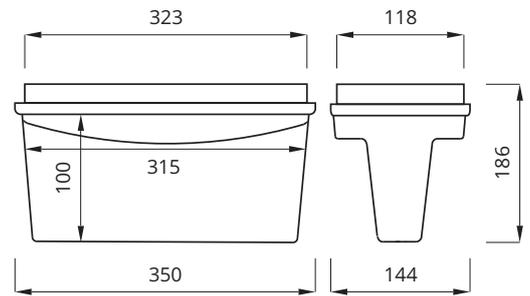
t_a: 0°C÷40°C

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 insulation of FZLV system



*see pictogram

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

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.

ONE-SIDED EMERGENCY EXIT SIGNS

TIGER & TIGER LED

MATERIALS:

White polycarbonate body
Transparent or opal polycarbonate cover

MOUNTING:

Surface (wall)
Optional assembly indry-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, NiCD batteries

INSULATION CLASS:

II

IP RATING:

IP22

VIEWING DISTANCE:

20m

AMBIENT TEMPERATURE:

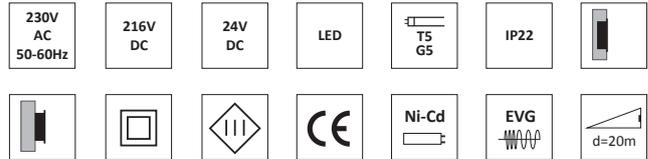
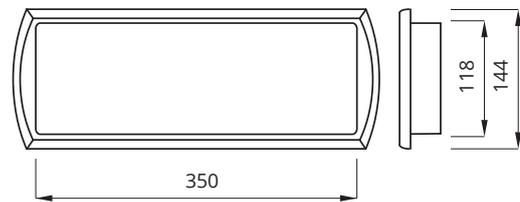
t_a: 0°C÷40°C

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 insulation of FZLV system



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
- OP – opal

*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 insulation of FZLV system



230V AC 50-60Hz	216V DC	24V DC	LED	T5 G5	TC-SEL 2G7	IP54
			CE	Ni-Cd	EVG	d=30m

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

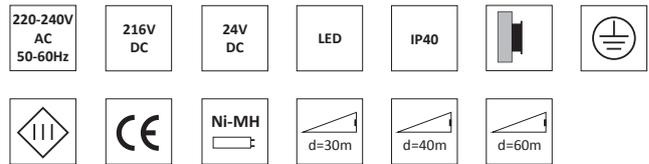
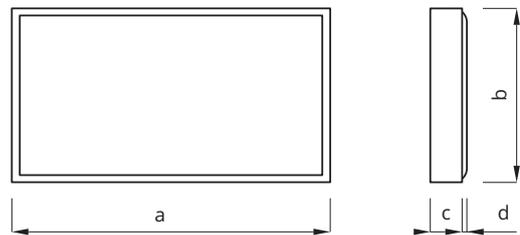
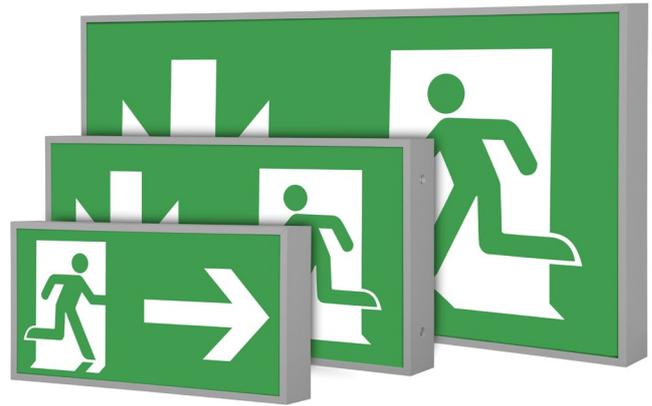
OPTIONS:

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 insulation of FZLV system



*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]
SC30	315	165	50
SC40	415	215	50
SC60	615	315	50

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

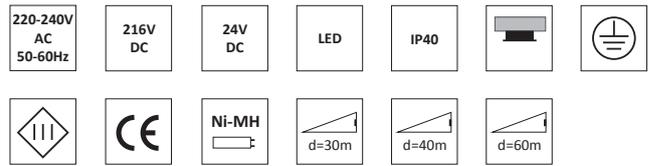
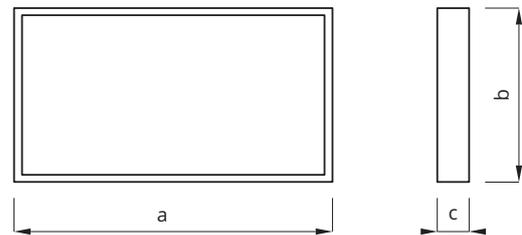
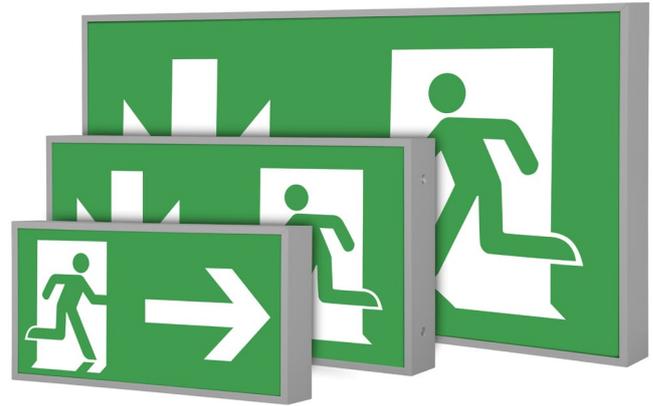
OPTIONS:

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 insulation of FZLV system



*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]	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
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:

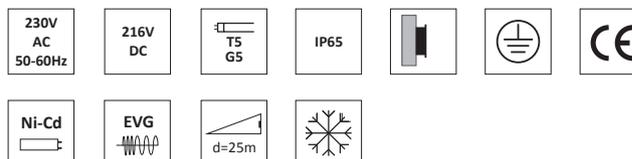
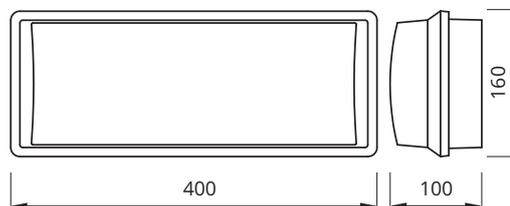
t_a: 0°C÷40°C

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 upto -25°C



SELF CONTAINED CONFIGURATION

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

CENTRAL BATTERY CONFIGURATION

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



*see pictogram

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)

Optional assembly indry-wall or ceiling bracket

POWER SUPPLY:

Self contained – 230VAC/50+60Hz

Central battery – 220+240VAC/50+60Hz; 216VDC

Central battery FZLV – 24VDC

LIGHT SOURCE:

3x1W LED

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

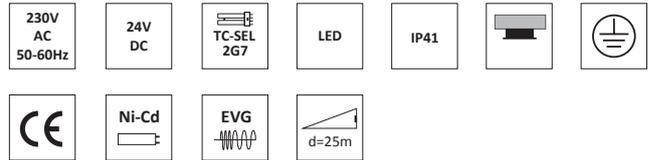
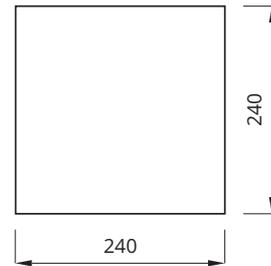
CB – central battery

ADDITIONAL INFORMATION:

LED indicator signalizes mains power supply and battery charge

Deep discharge protection

III class insulation of FZLV system



SELF CONTAINED CONFIGURATION

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

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



*see pictogram

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	52
NEXT PLUS & NEXT PLUS AUTOTEST	53
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NEXT & NEXT
AUTOTEST



NEXT PLUS &
NEXT PLUS
AUTOTEST



LIDER EVG &
LIDER EVG
AUTOTEST



LIDER PLUS &
LIDER PLUS
AUTOTEST



LIN



LINEX & LINEX
AUTOTEST



UNILED BM



UNILED GU10

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

RS - RUBIC central monitoring

ADDITIONAL INFORMATION:

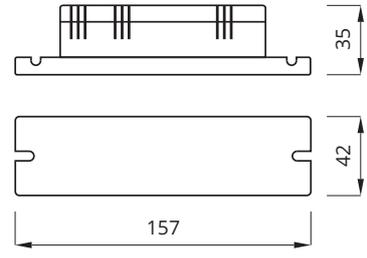
A new generation of conversion kits which replaces conversion kits series LIDER

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 lamp

CHARGING:

Maximum 12h; electronic energy-saving pulse 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

RS - RUBIC central monitoring

ADDITIONAL INFORMATION:

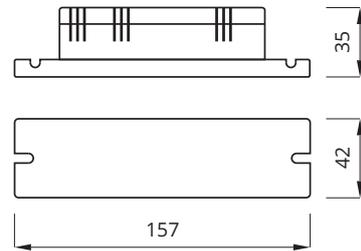
A new generation of conversion kits which replaces conversion kits series LIDER

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

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

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

EMERGENCY CONVERSION KITS

LIDER EVG & LIDER EVG AUTOTEST

MATERIALS:

Polycarbonate body

MOUNTING:

In the fixture

POWER SUPPLY:

230 VAC/50-60 Hz

LIGHT SOURCE:

Linear and compact fluorescent lamp

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

RS - RUBIC central monitoring

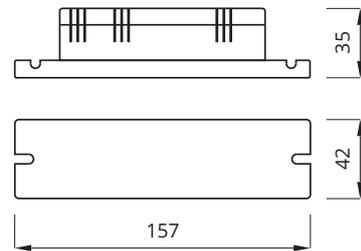
ADDITIONAL INFORMATION:

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

LIDER EVG AUTOTEST - ORDER CODES

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

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 lamp

CHARGING:

Maximum 12h; electronic energy-saving pulse 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

RS - RUBIC central monitoring

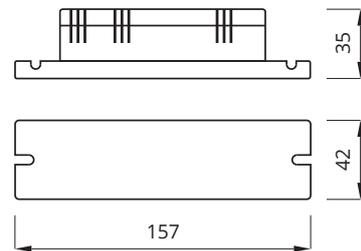
ADDITIONAL INFORMATION:

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 NiMH - 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

LIDER 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 NiMH 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 pulse 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

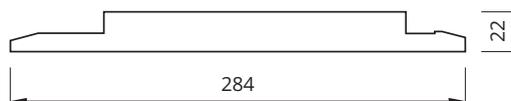
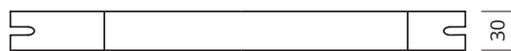
Deep discharge protection

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 light stream



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 pulse 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

RS - RUBIC central monitoring

ADDITIONAL INFORMATION:

LED indicator signalizes mains power supply and battery charge

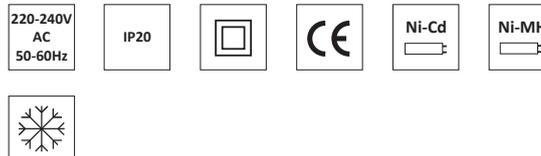
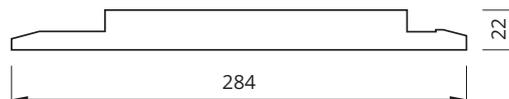
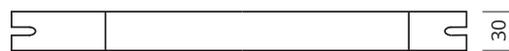
Deep discharge protection

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 pulse 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

RS – RUBIC central monitoring

ADDITIONAL INFORMATION:

LED indicator signalizes mains power supply and battery charge

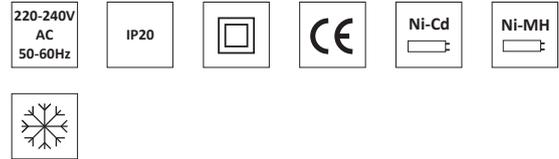
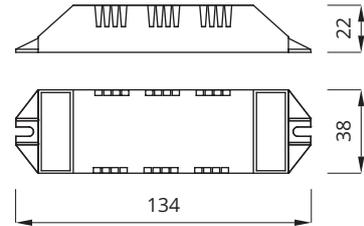
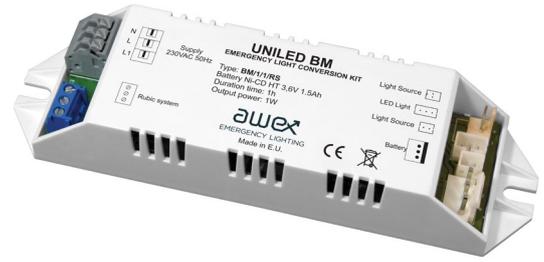
Deep discharge protection

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	3	8	Ni-MH 4,8V 3,0Ah
BM/3/1		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	3	8	Ni-MH 4,8V 3,0Ah
BM/3/1/AT		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:

230 VAC/50 Hz

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

AT - autotest

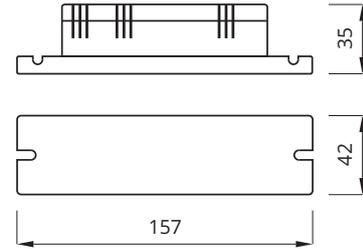
ADDITIONAL INFORMATION:

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	
GU10	3,5-8	1	3	PT	AT



SYSTEMS

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CENTRAL BATTERY SYSTEM CBS	70



RUBIC UNA



RUBIC MINI UNA



CENTRAL
BATTERY
SYSTEM FZLV



CENTRAL
BATTERY
SYSTEM LPS



CENTRAL
BATTERY
SYSTEM CBS

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.

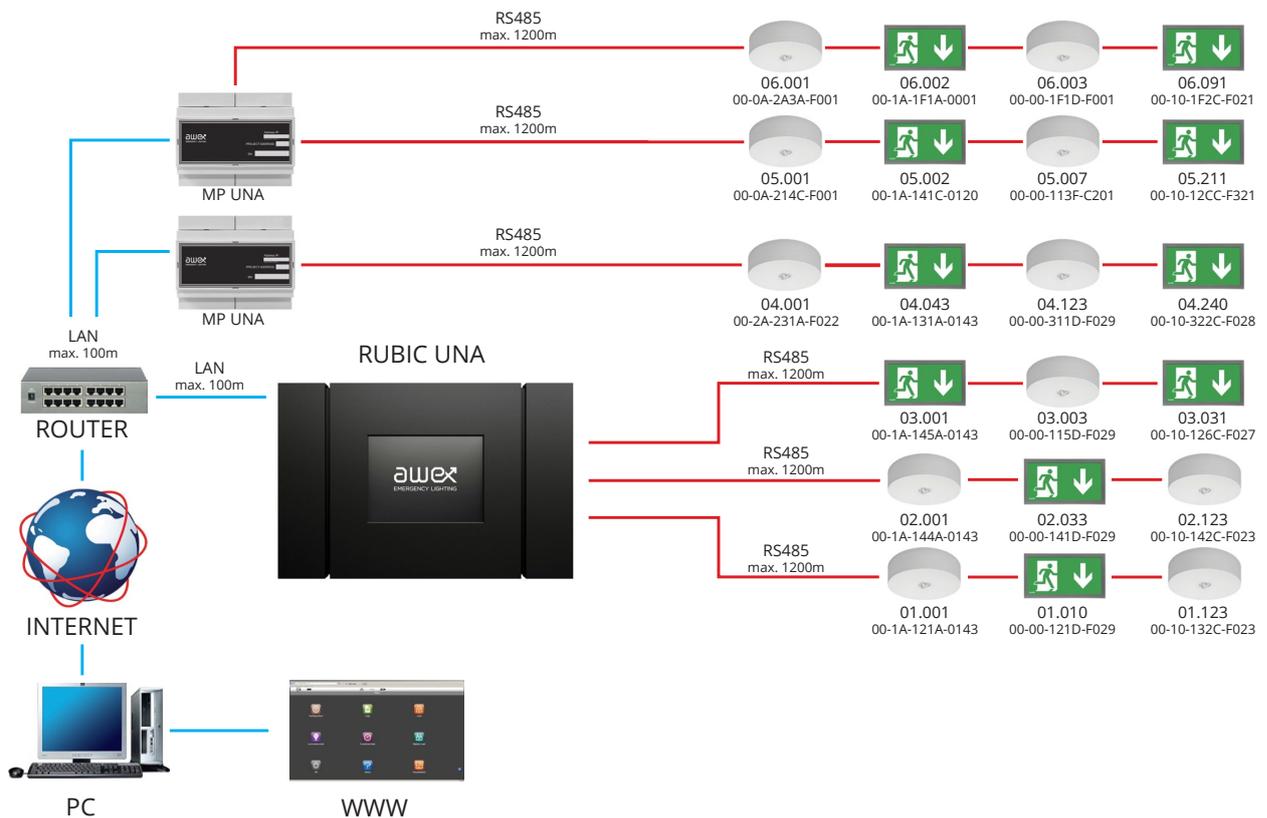
Due to applied technical solutions, we have eliminated the importance of polarization of connecting the communication bus directly to:

- 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 700 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
- Possibility 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

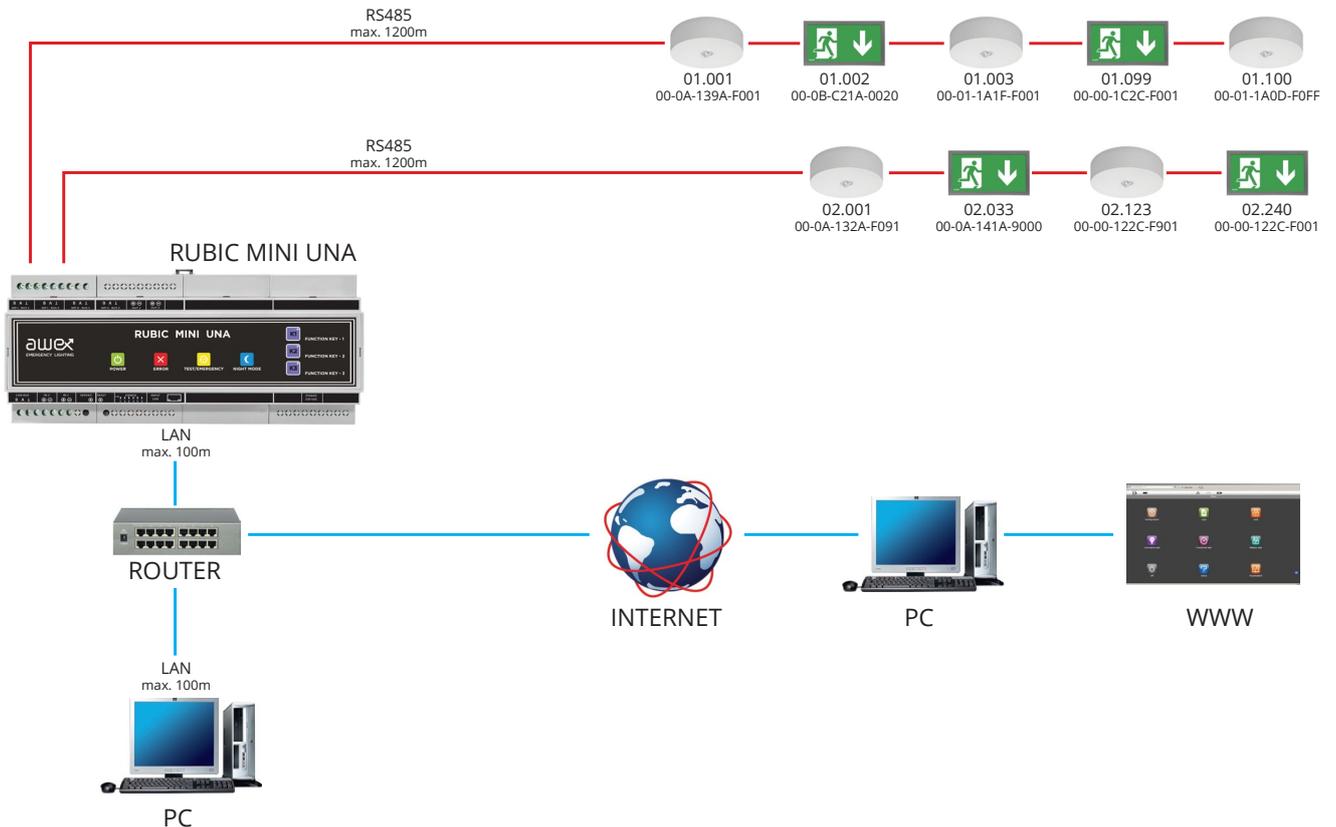


The most important parameters:

- Monitoring up to 500 emergency fittings
- The maximum length of a single bus is 1200 m
- LEDs signalling status of the system
- 3 functions key
- 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

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.



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 compliant 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.



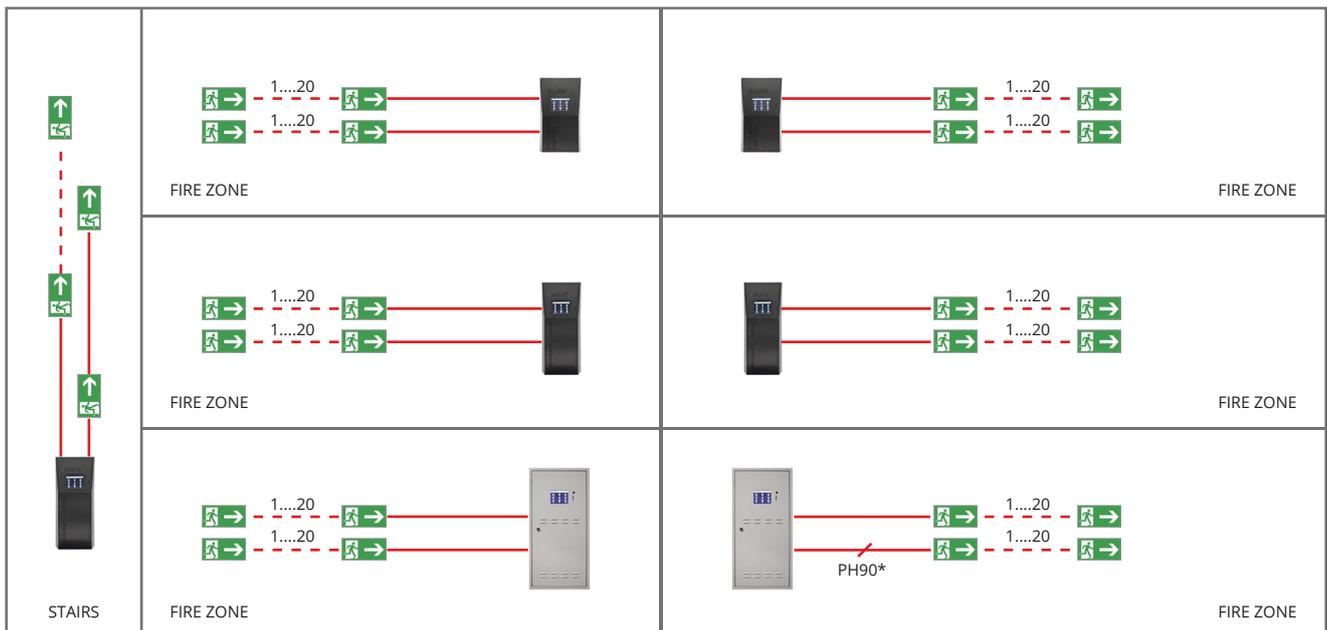
FZLV - 12 Ah



FZLV - 24 Ah



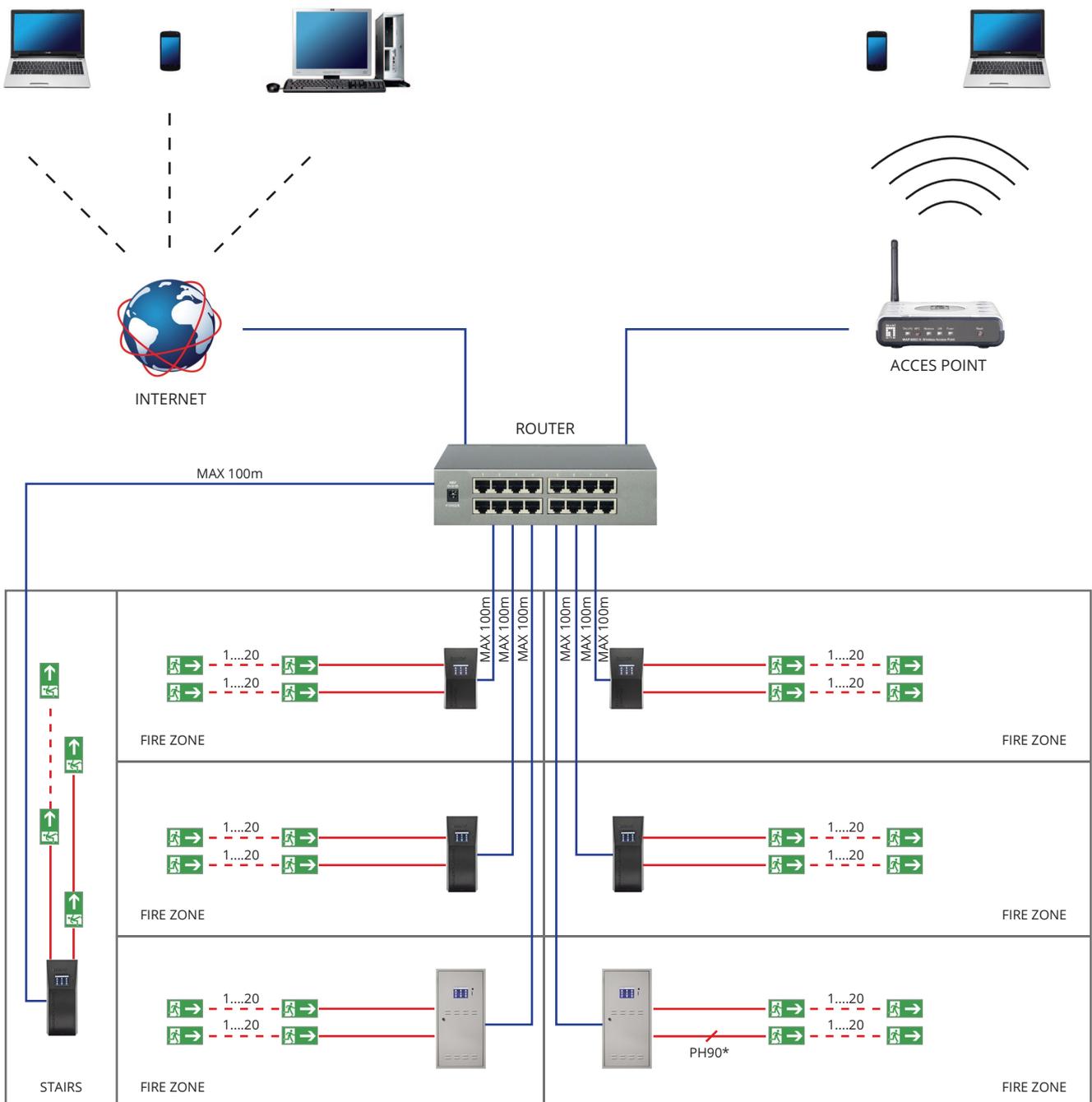
FZLV - MAX 26/52 Ah



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



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 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).

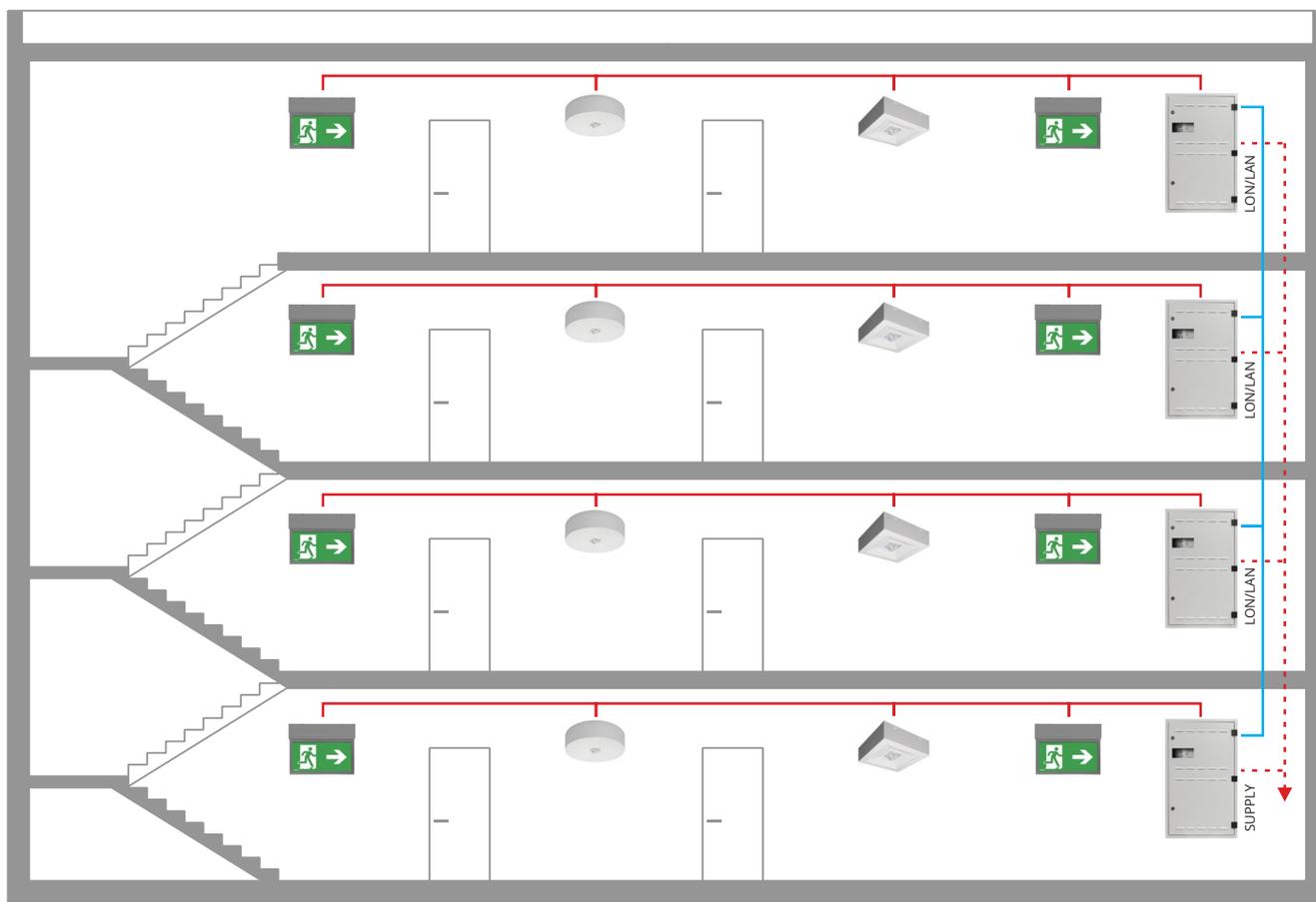


System LPS

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 separately
- 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 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 separately
- 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 pack with a life of 10 years
- Works with any BMS (Building Management System) by using the potential-free contacts
- Management and visualization of the system by using dedicated software SMART VISIO



System CBS Compact



ADDITIONAL COMPONENTS

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HTR 25
HEATER WITH
THERMOSTAT



ACCESORIES



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 NiMH 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

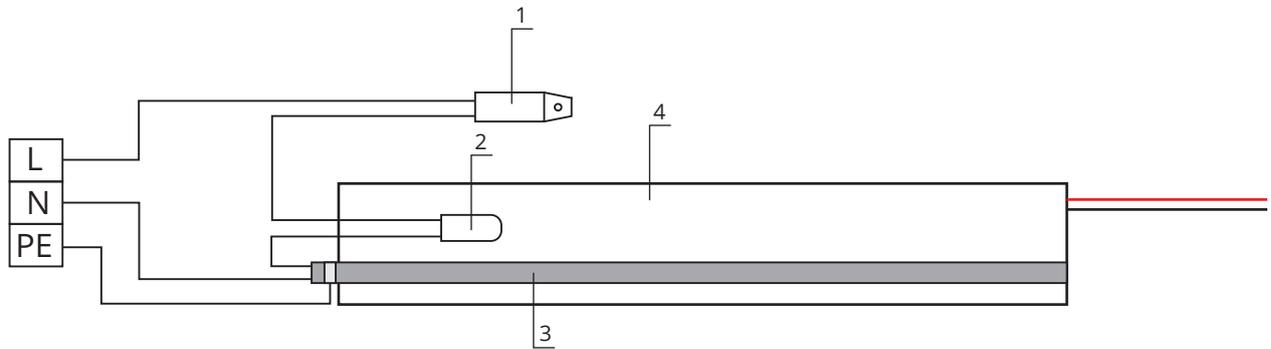
Insulation class: I

Minimal ambient temperature: -25°C

Minimal battery temperature: +6°C

Heater initiation temperature: <10°C

Heater termination temperature: >60°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

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

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

ADDITIONAL COMPONENTS

Accessories

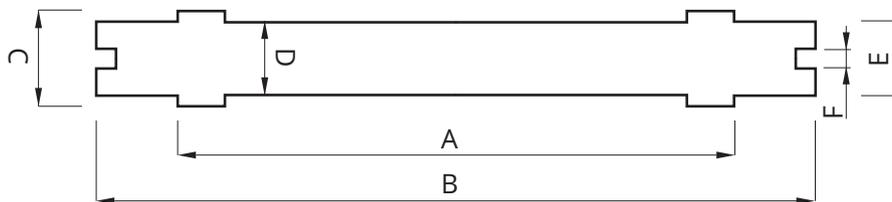
NAME/CODE	PICTURE	TECHNICAL DRAWING	APPLICATION
CEILING BRACKET CODE: 1902			HELIOS
WALL BRACKET CODE: 1901			HELIOS
CEILING BRACKET WITH PIPE CODE: 2944			HELIOS
WALL BRACKET CODE: 1008			INFINITY AC, ESCAPE
WALL BRACKET CODE: 1007			TWINS
SUSPENSION ROPES CODE: 1006			SCREEN DS, TWINS
UNDER PLASTERING 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]			WEIGHT [Kg]			
			A	B	C		D	E	F
Ni-Cd	1000	3.6	153	179	18	15	14	4	0,076
	1500		136	162	25	22	18	4	0,14
	2500		152	178	30	26	20	4	0,21
	4000		189	210	30	33	25	4	0,352
Ni-Cd	1500	4.8	175	202	25	22	18	4	0,184
	2500		202	228	30	26	20	4	0,288
	4000		245	270	36	33	25	4	0,452
Ni-Cd	1500	6.0	218	244	25	22	18	4	0,228
	2500		248	275	30	26	20	4	0,354
	4000		303	329	36	33	25	4	0,574
Ni-MH	1500	3.6	153	179	18	15	14	4	0,088
	2500		136	162	25	22	18	4	0,172
	4000		152	179	30	26	20	4	0,26
Ni-MH	1500	4.8	202	228	18	15	14	4	0,114
	2500		175	202	25	22	18	4	0,22
	4000		202	228	30	26	20	4	0,338
Ni-MH	1500	6.0	251	276	18	15	14	4	0,14
	2500		220	246	26	23	18	4	0,268
	4000		251	276	30	26	20	4	0,398

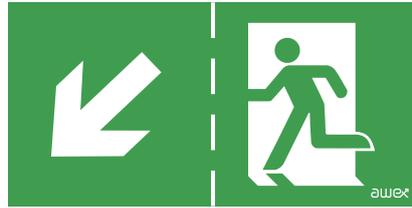


ADDITIONAL COMPONENTS

PICTOGRAMS



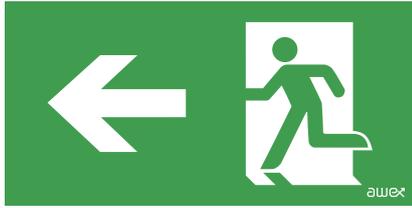
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22



23



24



25



26



27



28



61

CODE	PSxx	PMxx	PBxx
dimension [mm]	100x300	125x250	150x300
designed for	TG, TL, TGS, TSL	H, HE, HEL, HD, HDE, HDL, HDEL,	TP, TPL, HP, HPL, E, EL, TW, PL, P,IF,

Legend:

xx - number of pictogram (picture above)

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