



awex[®]

EMERGENCY LIGHTING

GENERAL CATALOG

VER. 20.1

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The appearance of actual products may slightly differ from the photographs and drawings contained in this catalogue. AWEX reserves the right to discontinue products shown in this catalogue or to modify their parameter without notice.

Awex

"Customer and his satisfaction" is the slogan that has been accompanying us since the very beginning of AWEX company.

We always consider the valuable feedback from our customers during the concept stage of new product development itself. This is the main reason why we consider our clients as our partners.

Together we make sure that the products designed and manufactured by AWEX are in line with the expectations of our customers.

The AWEX Research and Development team is guided by the values of:



Safety

It is the essence of the industry; we are a professional company with full own facilities for development, testing and production of devices related to Emergency Lighting and Fire Alarm Systems.

All design and production facilities are located in Poland, which means that we are able to respond to virtually any industry demand.

Our specialized advisers are always ready to support our partners in the selection of AWEX brand equipment meeting the expectations.

Design

We know that appearance is important for our partners; that's why we design our products in line with current trends. We try to combine tradition with modernity.

That is why our products can be used in very modern buildings as well as revitalized or even historical ones.



Ergonomics of assembly

Time is one of the crucial element for everyone. So we make our process of production and assembly as fast and effective as possible with hundred percentage accuracy.

This helps our partners to save a lot of time and money with a satisfied product.





Quality and excellence

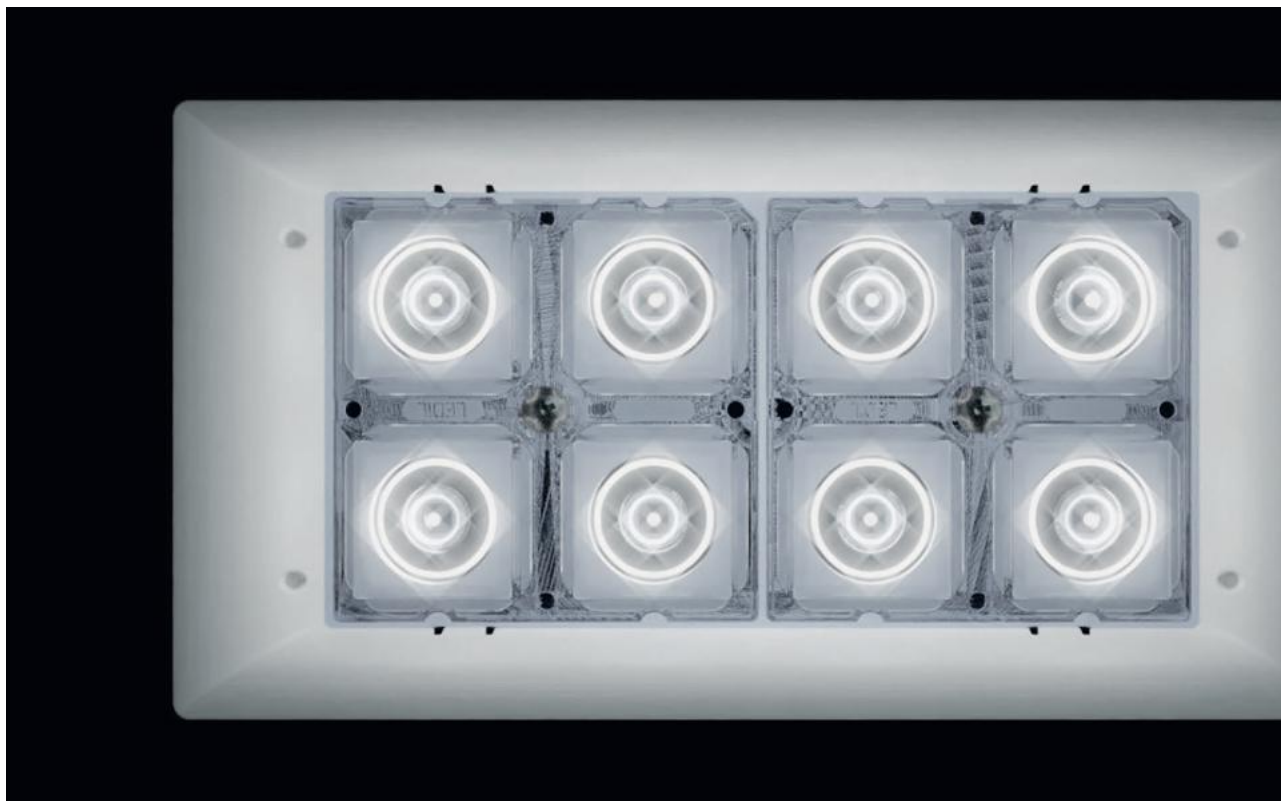
Is one of the important key values of AWEX. We challenge ourselves to maintain the product quality according to the changing customer demands. For that we have a wing of experienced people with technical excellency. We never compromise on the quality. Therefore we select highest quality components and latest available technology which make the product to the highest level, which is internationally certified.

Energy efficiency and ecology

Are another important factors that everyone is concerned about. Because they allow for further measurable impact on the running cost and adverse environmental effects. In order to meet this, we design all our solutions energy efficient as possible, which allow our products to be used in top performance, ecological and energy efficient building.

Versatility

Is a salient feature which is important for our partners because, it allows our partners to use our solutions in various application. Therefore, already at the design stage, we provide our products with functionality in line with the recipient's expectations at every moment of the investment. Our products are compatible with each other and allow the independent and controlled use via a monitoring system or central battery.

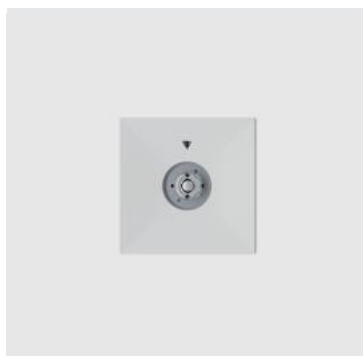


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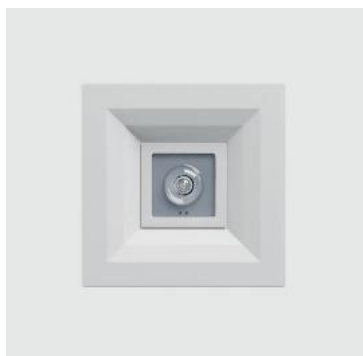


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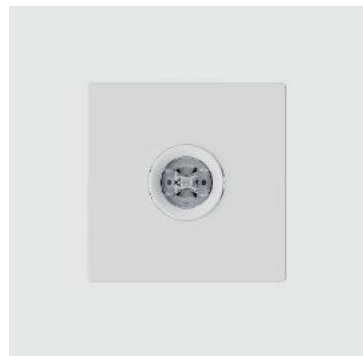
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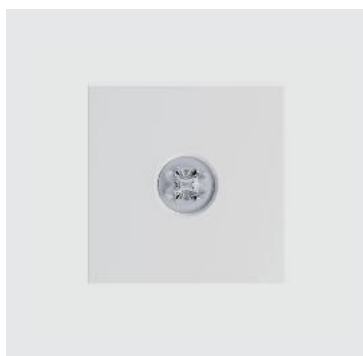
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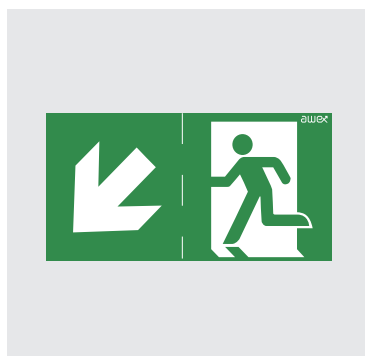
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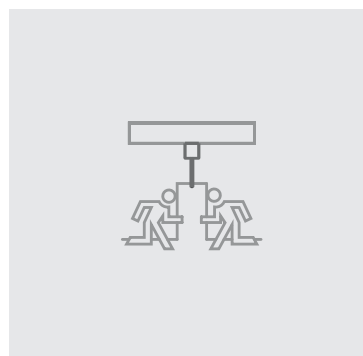
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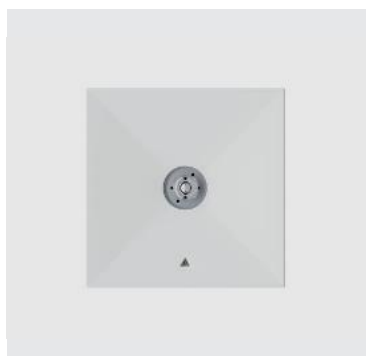


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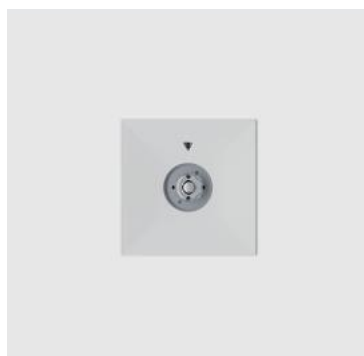


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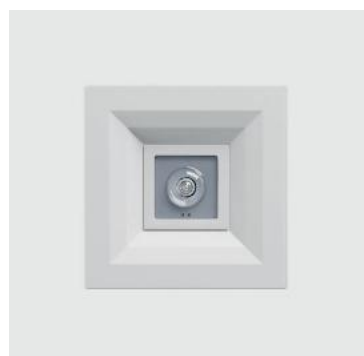
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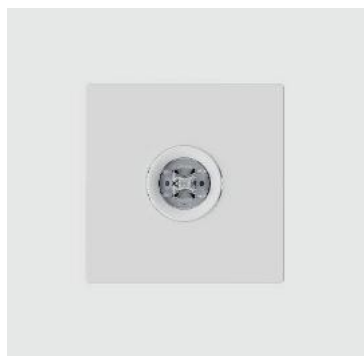
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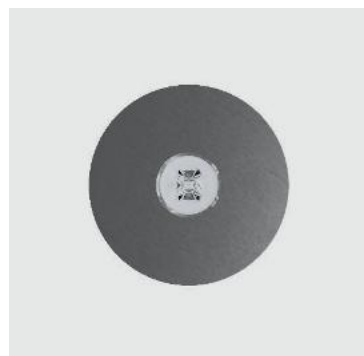
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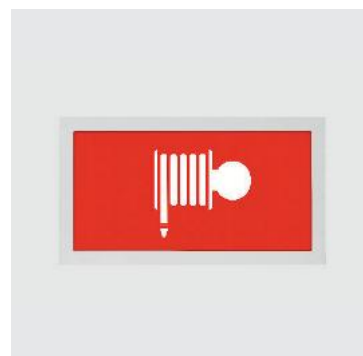
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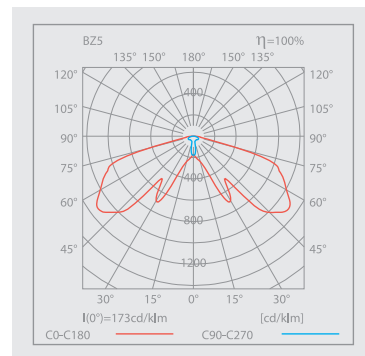
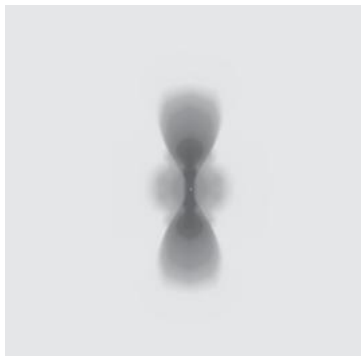
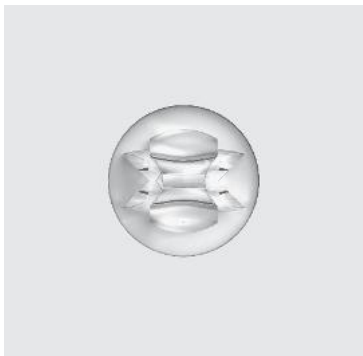
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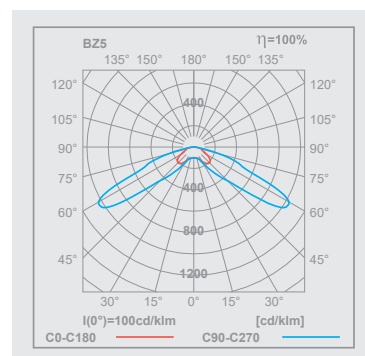
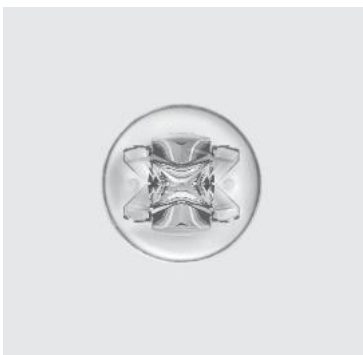
EMERGENCY ESCAPE

OPTIC C



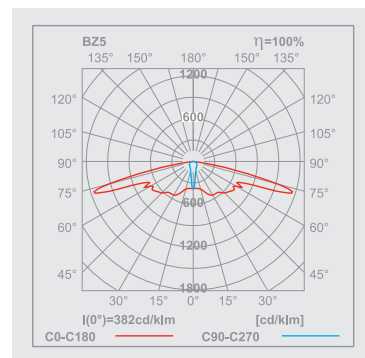
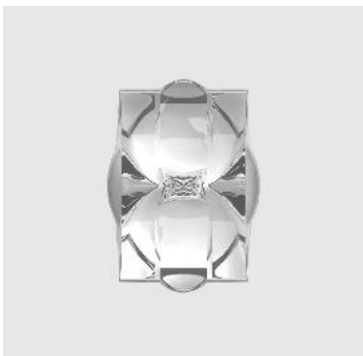
DESCRIPTION: DESIGNED TO ILLUMINATE NARROW CORRIDORS OR ESCAPE ROUTES WITH ASYMMETRIC NARROW BEAM.
APPLICATION: CORRIDORS OF OFFICES, HOTELS AND RESIDENTIAL BUILDINGS, RACKING AISLE SPACE IN SHOPS/WAREHOUSES.

OPTIC R



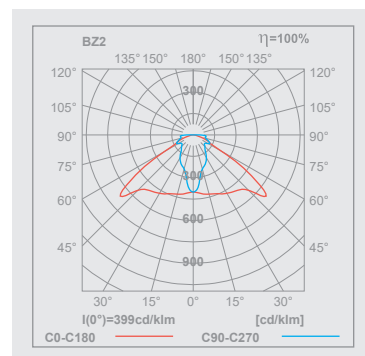
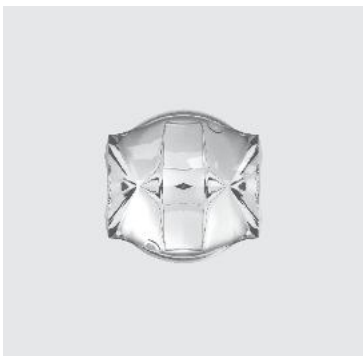
DESCRIPTION: DESIGNED TO ILLUMINATE CORRIDORS OR ESCAPE ROUTES WITH A WIDTH GREATER THAN 2M AND MEDIUM CEILING HEIGHT.
APPLICATION: GARAGES, RESIDENTIAL AND OFFICE BUILDINGS, HEALTHCARE BUILDINGS.

OPTIC R1

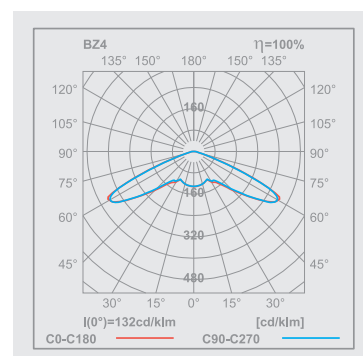


DESCRIPTION: DESIGNED TO ILLUMINATE CORRIDORS OR ESCAPE ROUTES WITH A WIDTH GREATER THAN 3M AND SMALL CEILING HEIGHT.
APPLICATION: RESIDENTIAL, OFFICES AND HEALTHCARE BUILDINGS.

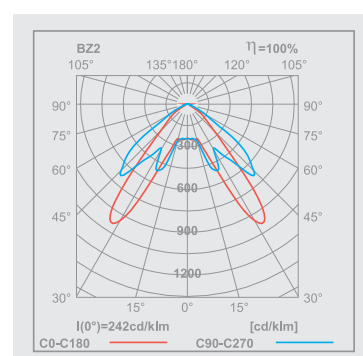
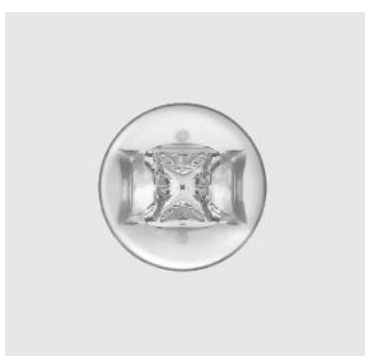
OPTIC R2



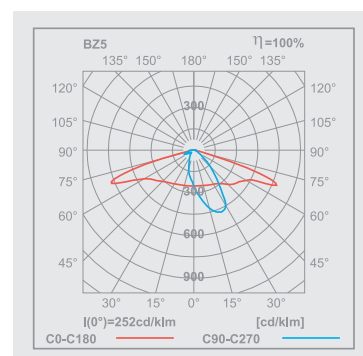
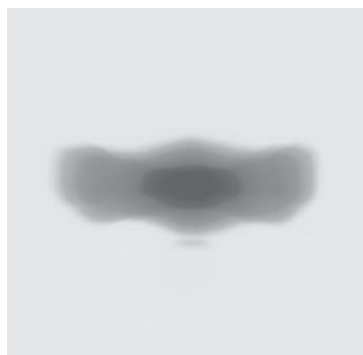
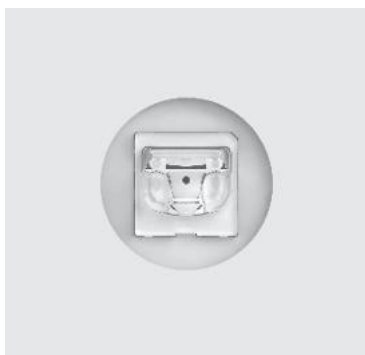
DESCRIPTION: DESIGNED TO ILLUMINATE CORRIDORS OR ESCAPE ROUTES WITH A WIDTH GREATER THAN 2M AND LARGE CEILING HEIGHT AND FOR THE AREAS WHERE HIGH INTENSITY OF EMERGENCY LIGHT IS REQUIRED.
APPLICATION: SHOPPING ARCADES, LOBBIES, HALLS AND CORRIDORS REQUIRING INCREASED EMERGENCY LIGHT INTENSITY.

OPTIC O

DESCRIPTION: DESIGNED TO ILLUMINATE LARGE AREAS EVEN FROM A SMALL HEIGHT WITH WIDE SYMMETRICAL LIGHT DISTRIBUTION.
APPLICATION: OPEN AREAS, GARAGES, CINEMA THEATERS, PRODUCTION HALLS.

OPTIC U

DESCRIPTION: DESIGNED TO ILLUMINATE OPEN AREAS WITH MEDIUM AND HIGH CEILING HEIGHTS AND FOR THE AREAS REQUIRING HIGHER LIGHT INTENSITY.
APPLICATION: HOTEL LOBBIES, CONFERENCE HALLS, PRODUCTION HALLS.

OPTIC A

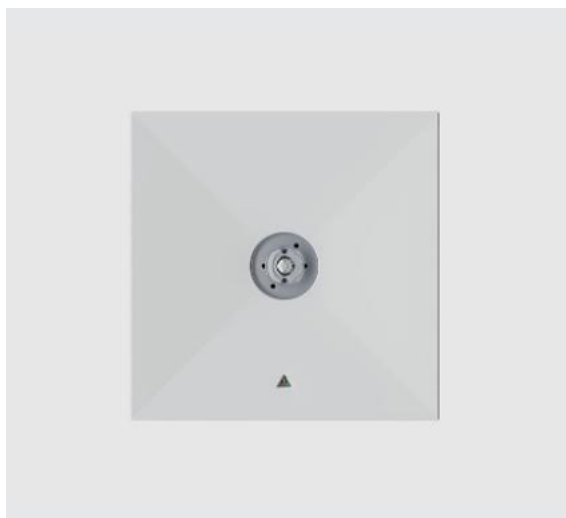
DESCRIPTION: DESIGNED TO ILLUMINATE A CERTAIN AREA FROM WALL; ESPECIALLY FIREFIGHTING EQUIPMENT.
APPLICATION: AREAS WHERE CEILING MOUNTING OF LIGHTS ARE NOT POSSIBLE.

LOVATO 3 family



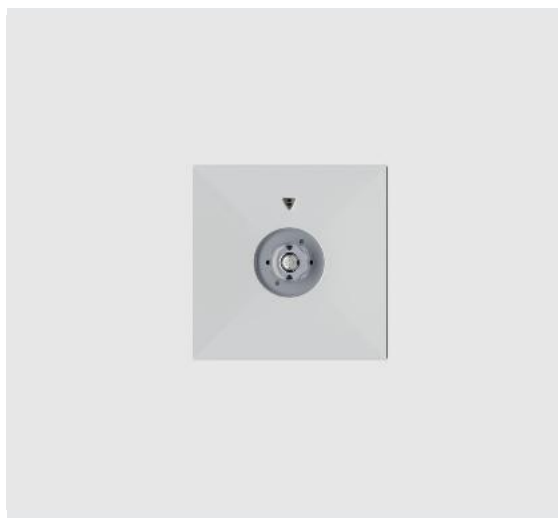


LOVATO 3 family



LOVATO N 3

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LOVATO P 3

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Quality and efficiency

LOVATO 3 family is a type of emergency luminaires designed for flush mounting or for on-ceiling mounting inside buildings. Its compact size makes it easy to be incorporated into the surface. It also goes very well with basic lighting luminaires. The luminaire is made of high-quality components (e.g. highly efficient PowerLed light sources with individually designed lenses) so that it is characterised by above-average parameters in terms of luminous flux and wide light distributions, which allow for the individual selection of luminaires depending on the needs of the future facility user.

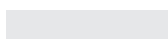
COLOURS

Black



RAL 9005

White



RAL 9003

Grey



RAL 7045

CEILING INSTALLATIONS



Recessed installation

Design and versatility

While designing the LOVATO 3 family, we aimed at ensuring ergonomic installation which ease the maintenance of luminaires. The luminaire is often used in office spaces, shopping malls (including tenant's areas) and social rooms.



Surface installation

LOVATO N 3



AC
220-240V
50-60Hz

DC
176-275V

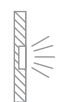
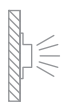
DC
24V

DC
48V

LED

IP20

IK6



MATERIALS

White, grey or black polycarbonate body

MOUNTING

Surface
Optionally recessed ⁽¹⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W, LED
Optics: A – asymmetric • O – open area • U – universal • R – escape route
• R1 – escape route • R2 – escape route

CHARGING

Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Premium: 1h or 3h, LiFePO₄ 3,2V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP20, IK6

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C **Central battery:** t_a: 0°C ÷ 50°C

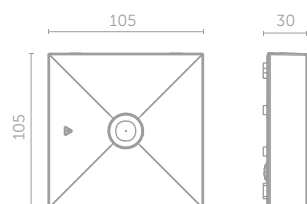
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection
• III class of insulation of FZLV and FZLV II version • ⁽¹⁾ see accessory for recessed mounting

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

PREMIUM	CODE	OPTICS	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS				COLOR			PREMIUM
	LV3N	A O U R R1 R2	1W	B	1	3	SE	SA	PT	AT	RU	X	WH	GR	BL	
			2W	B	1	3	SE	SA	PT	AT	RU	X	WH	GR	BL	

OUTPUT IN EMERGENCY MODE [lm]

OPTICS											
A		O		U		R		R1		R2	
1h	3h	1h	3h	1h	3h	1h	3h	1h	3h	1h	3h
250	200	250	200	250	200	250	200	250	200	250	200
380	310	380	310	380	310	380	310	380	310	380	310

CENTRAL BATTERY CONFIGURATION - ADDRESSABLE

CODE	OPTICS	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
LV3N	A O U R R1 R2	1W	Z	CB	ADE	ADP	WH	GR	BL
		2W	Z	CB	ADE	ADP	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

OPTICS					
A	O	U	R	R1	R2
250	250	250	250	250	250
380	380	380	380	380	380

FZLV SYSTEM CONFIGURATION

CODE	OPTICS	POWER	SYSTEM		COLOR		
LV3N	A O U R R1 R2	1W	FZLV	FZLV2	WH	GR	BL
		2W	FZLV	FZLV2	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

OPTICS					
A	O	U	R	R1	R2
250	250	250	250	250	250
380	380	380	380	380	380

LEGEND:

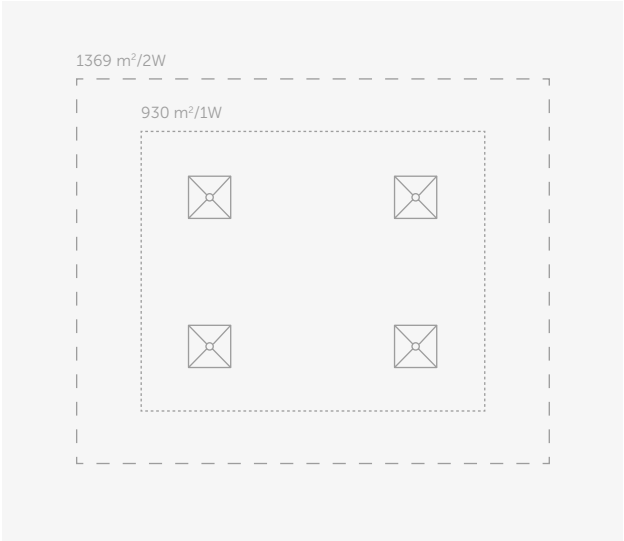
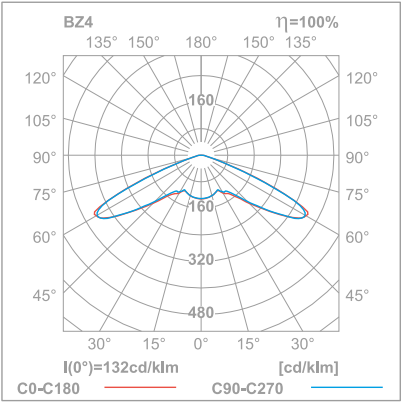
LV3N	fixture LOVATO N 3	AT	autotest
A	asymmetric optics	RU	Rubic UNA central monitoring
O	optics for open area	FZLV	central battery FZLV 24 VDC
U	universal optics	FZLV2	central battery FZLV II 48 VDC
R	optics for escape route	CB	central battery version
R1	optics for escape route	ADP	address module for CBS 1.0 – SMART technology
R2	optics for escape route	ADE	address module for CBS 2.0 – SMART technology
B	electronic gear for PREMIUM self-contained fittings	WH	white color
Z	electronic gear for addressable central battery fittings	GR	grey color
SE	non maintained	BL	black color
SA	maintained		
PT	manual test button		
X	fitting without additional options		

LOVATO N 3 EXAMPLE OF PHOTOMETRY



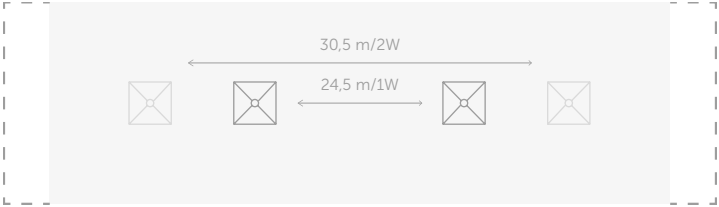
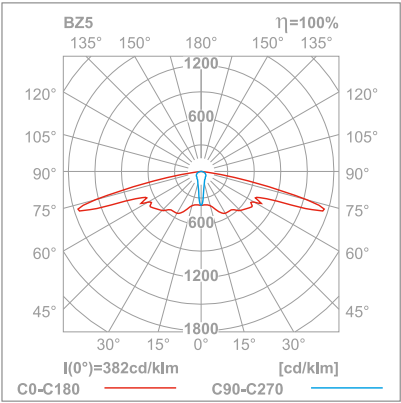
Optic O for open area

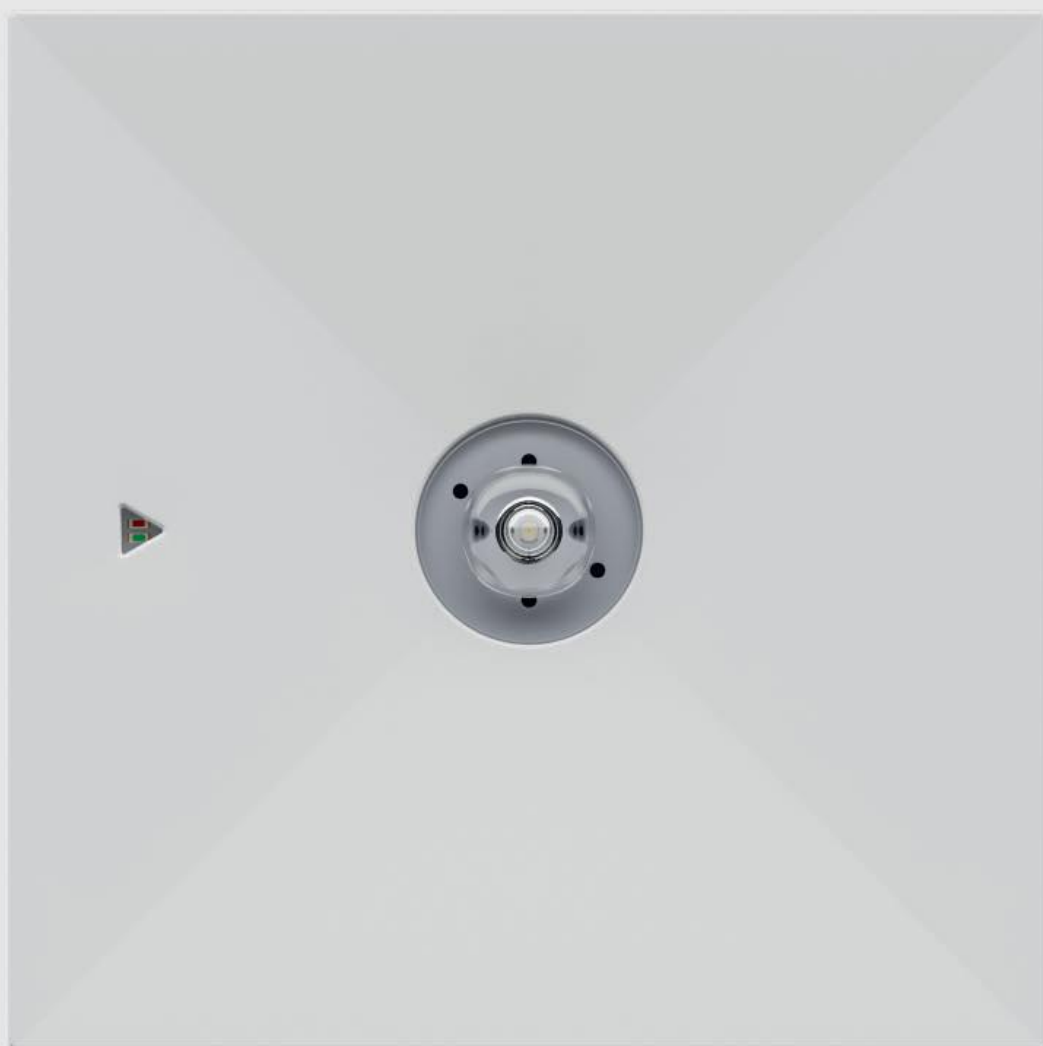
simulation for four luminaires and min 0,5 lx (area)



Optic R1 for escape route

simulation for two luminaires and min 1 lx (distance)





LOVATO P 3



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP20

IK7



MATERIALS

White, grey or black polycarbonate body

MOUNTING

Recessed

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W, LED
Optics: A – asymmetric • O – open area • U – universal • R – escape route
• R1 – escape route • R2 – escape route

CHARGING

Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Premium: 1h or 3h, LiFePO₄ 3,2V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP20, IK7

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C **Central battery:** t_a: 0°C ÷ 50°C

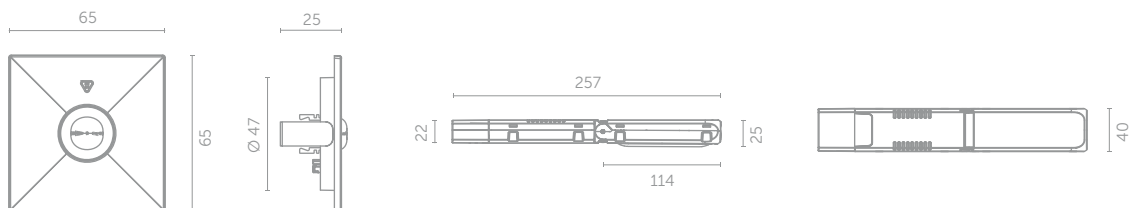
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

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

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

PREMIUM	CODE	OPTICS	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS				COLOR			PREMIUM
	LV3P	A O U R R1 R2	1W	B	1	3	SE	SA	PT	AT	RU	X	WH	GR	BL	
			2W	B	1	3	SE	SA	PT	AT	RU	X	WH	GR	BL	

OUTPUT IN EMERGENCY MODE [lm]

OPTICS											
A		O		U		R		R1		R2	
1h	3h	1h	3h	1h	3h	1h	3h	1h	3h	1h	3h
250	200	250	200	250	200	250	200	250	200	250	200
380	310	380	310	380	310	380	310	380	310	380	310

CENTRAL BATTERY CONFIGURATION - ADDRESSABLE

CODE	OPTICS	POWER	MODULE	SYSTEM	OPTIONS	COLOR
LV3P	A O U R R1 R2	1W	Z	CB	ADE ADP	WH GR BL
		2W	Z	CB	ADE ADP	WH GR BL

OUTPUT IN EMERGENCY MODE [lm]

OPTICS					
A	O	U	R	R1	R2
250	250	250	250	250	250
380	380	380	380	380	380

FZLV SYSTEM CONFIGURATION

CODE	OPTICS	POWER	SYSTEM	COLOR
LV3P	A O U R R1 R2	1W	FZLV FZLV2	WH GR BL
		2W	FZLV FZLV2	WH GR BL

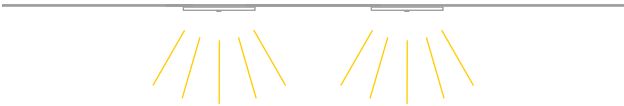
OUTPUT IN EMERGENCY MODE [lm]

OPTICS					
A	O	U	R	R1	R2
250	250	250	250	250	250
380	380	380	380	380	380

LEGEND:

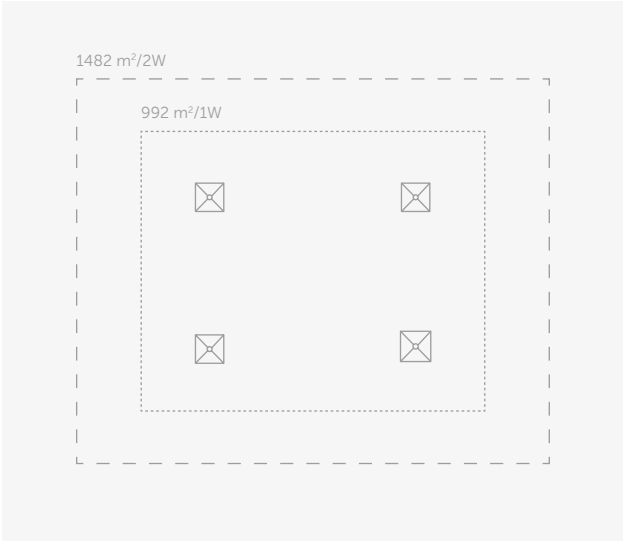
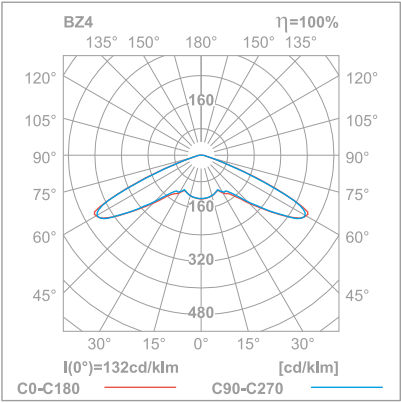
LV3P	fixture LOVATO P 3	AT	autotest
A	asymmetric optics	RU	Rubic UNA central monitoring
O	optics for open area	FZLV	central battery FZLV 24 VDC
U	universal optics	FZLV2	central battery FZLV II 48 VDC
R	optics for escape route	CB	central battery version
R1	optics for escape route	ADP	address module for CBS 1.0
R2	optics for escape route		– SMART technology
B	electronic gear for PREMIUM self-contained fittings	ADE	address module for CBS 2.0
Z	electronic gear for addressable central battery fittings		– SMART technology
SE	non maintained	WH	white color
SA	maintained	GR	grey color
PT	manual test button	BL	black color
X	fitting without additional options		

LOVATO P 3 EXAMPLE OF PHOTOMETRY



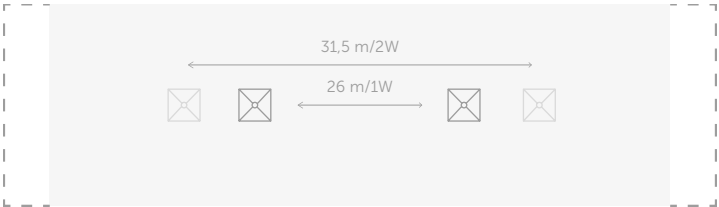
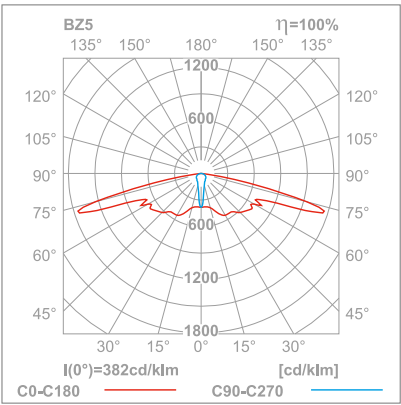
Optic O for open area

simulation for four luminaires and min 0,5 lx (area)



Optic R1 for escape route

simulation for two luminaires and min 1 lx (distance)





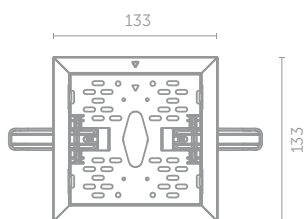
LOVATO 3 accessories



ACCESSORY FOR RECESSED MOUNTING

CODE: LV3N/REC/WH
LV3N/REC/GR
LV3N/REC/BL

DIMENSIONS [mm]



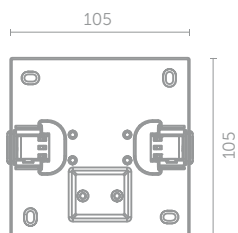
FITS TO LOVATO N 3



BOX FOR SURFACE MOUNTING

CODE: LV3N/BOX/WH
LV3N/BOX/GR
LV3N/BOX/BL

DIMENSIONS [mm]



FITS TO LOVATO N 3





AX 3 family





AX 3 family



AXN 3

p. 40



AXP 3

p. 44

Quality and efficiency

AX 3 family is a type of universal emergency luminaires designed for ceiling mounting or for flush mounting inside buildings. The luminaire is made of high-quality components (e.g. highly efficient PowerLed light sources with individually designed lenses) so that it is characterised by above-average parameters in terms of luminous flux and wide light distributions, which, in turn, enables extensive areas to be illuminated, also at high altitudes.

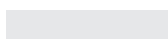
COLOURS

Black



RAL 9005

White



RAL 9003

Grey



RAL 7045

CEILING INSTALLATIONS



Recessed installation

Design and versatility

Its discreet design and enhanced ingress protection make it possible to use it in a number of facilities where, due to functionality, a small luminaire, but with high applicability, is required. It is often used in office spaces, shopping malls, communication routes as well as toilets and social rooms.



Surface installation

AXN 3



AC
220-240V
50-60Hz

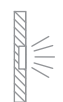
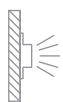
DC
176-275V

DC
24V

DC
48V

LED
IP20

IK6



MATERIALS

White, grey or black polycarbonate body

MOUNTING

Surface
Optionally recessed ⁽¹⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W, LED
Optics: A – asymmetric • O – open area • U – universal • R – escape route
• R1 – escape route • R2 – escape route

CHARGING

Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Premium: 1h or 3h, LiFePO₄ 3,2V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP20, IK6

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C **Central battery:** t_a: 0°C ÷ 50°C

OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV II version • ⁽¹⁾ see accessory for recessed mounting

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

PREMIUM	CODE	OPTICS	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR			PREMIUM
	AX3N	A O U R R1 R2	1W	B	1	3	SE	SA	AT	RU	X	WH	GR	BL	
			2W	B	1	3	SE	SA	AT	RU	X	WH	GR	BL	

OUTPUT IN EMERGENCY MODE [lm]

OPTICS											
A		O		U		R		R1		R2	
1h	3h	1h	3h	1h	3h	1h	3h	1h	3h	1h	3h
250	200	250	200	250	200	250	200	250	200	250	200
380	310	380	310	380	310	380	310	380	310	380	310

CENTRAL BATTERY CONFIGURATION - ADDRESSABLE

CODE	OPTICS	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
AX3N	A O U R R1 R2	1W	Z	CB	ADE	ADP	WH	GR	BL
		2W	Z	CB	ADE	ADP	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

OPTICS					
A	O	U	R	R1	R2
250	250	250	250	250	250
380	380	380	380	380	380

FZLV SYSTEM CONFIGURATION

CODE	OPTICS	POWER	SYSTEM		COLOR		
AX3N	A O U R R1 R2	1W	FZLV	FZLV2	WH	GR	BL
		2W	FZLV	FZLV2	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

OPTICS					
A	O	U	R	R1	R2
250	250	250	250	250	250
380	380	380	380	380	380

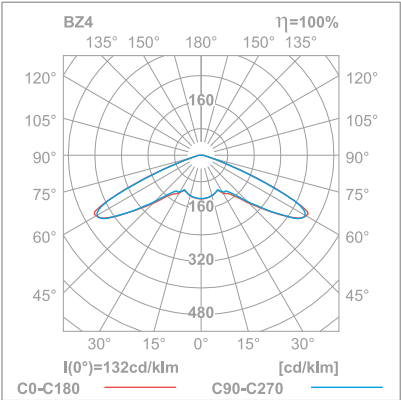
LEGEND:

AX3N	fixture AXN 3	X	fitting without additional options
A	asymmetric optics	AT	autotest
O	optics for open area	RU	Rubic UNA central monitoring
U	universal optics	FZLV	central battery FZLV 24 VDC
R	optics for escape route	FZLV2	central battery FZLV II 48 VDC
R1	optics for escape route	CB	central battery version
R2	optics for escape route	ADP	address module for CBS 1.0 – SMART technology
B	electronic gear for PREMIUM self-contained fittings	ADE	address module for CBS 2.0 – SMART technology
Z	electronic gear for addressable central battery fittings	WH	white color
SE	non maintained	GR	grey color
SA	maintained	BL	black color
PT	manual test button		

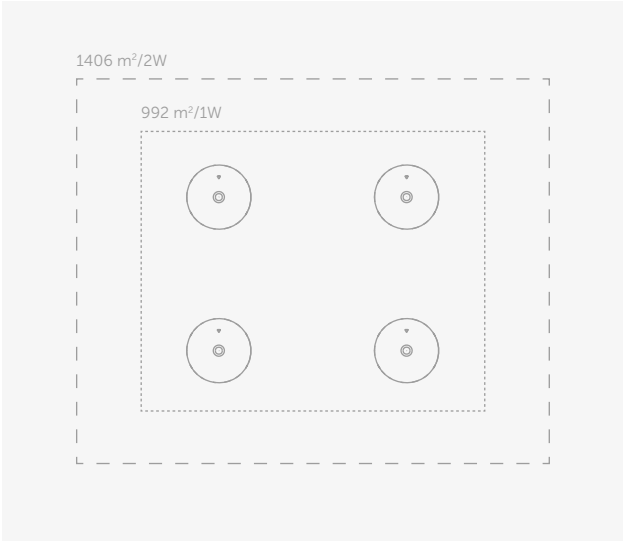
AXN 3 EXAMPLE OF PHOTOMETRY



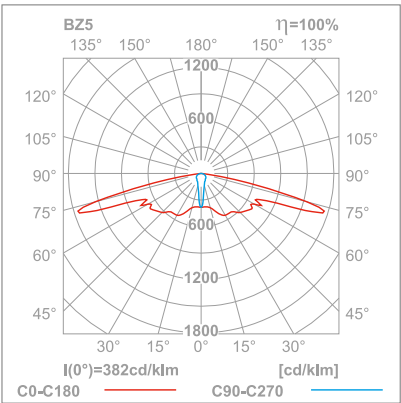
Optic O for open area



simulation for four luminaires and min 0,5 lx (area)



Optic R1 for escape route



simulation for two luminaires and min 1 lx (distance)





AXP 3



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP20

IK7



MATERIALS

White, grey or black polycarbonate body

MOUNTING

Recessed

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W, LED
Optics: A – asymmetric • O – open area • U – universal • R – escape route
• R1 – escape route • R2 – escape route

CHARGING

Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Premium: 1h or 3h, LiFePO₄ 3,2V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP20, IK7

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C **Central battery:** t_a: 0°C ÷ 50°C

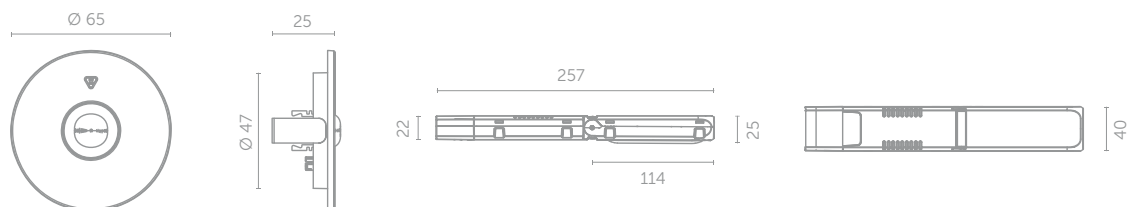
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

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

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

PREMIUM	CODE	OPTICS	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR			PREMIUM
	AX3P	A O U R R1 R2	1W	B	1	3	SE	SA	AT	RU	X	WH	GR	BL	
			2W	B	1	3	SE	SA	AT	RU	X	WH	GR	BL	

OUTPUT IN EMERGENCY MODE [lm]

OPTICS											
A		O		U		R		R1		R2	
1h	3h	1h	3h	1h	3h	1h	3h	1h	3h	1h	3h
250	200	250	200	250	200	250	200	250	200	250	200
380	310	380	310	380	310	380	310	380	310	380	310

CENTRAL BATTERY CONFIGURATION - ADDRESSABLE

CODE	OPTICS	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
AX3P	A O U R R1 R2	1W	Z	CB	ADE	ADP	WH	GR	BL
		2W	Z	CB	ADE	ADP	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

OPTICS					
A	O	U	R	R1	R2
250	250	250	250	250	250
380	380	380	380	380	380

FZLV SYSTEM CONFIGURATION

CODE	OPTICS	POWER	SYSTEM		COLOR		
AX3P	A O U R R1 R2	1W	FZLV	FZLV2	WH	GR	BL
		2W	FZLV	FZLV2	WH	GR	BL

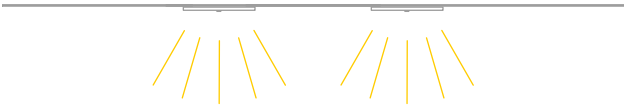
OUTPUT IN EMERGENCY MODE [lm]

OPTICS					
A	O	U	R	R1	R2
250	250	250	250	250	250
380	380	380	380	380	380

LEGEND:

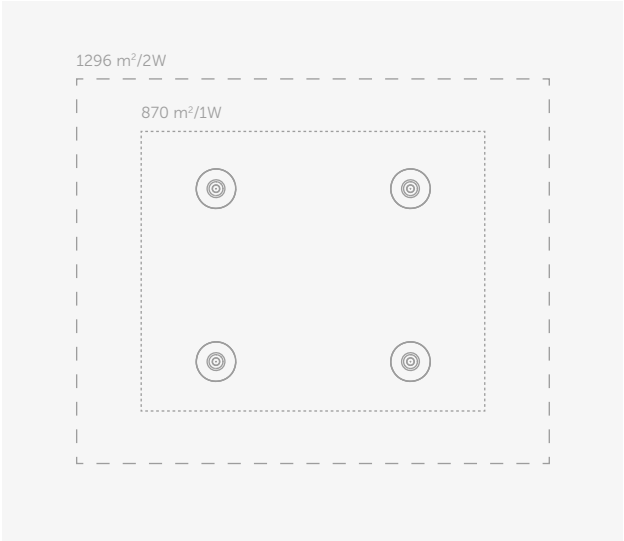
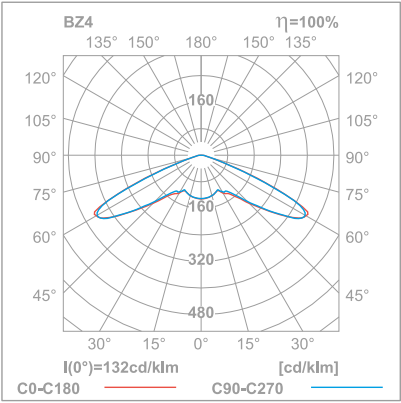
AX3P	fixture AXP 3	X	fitting without additional options
A	asymmetric optics	AT	autotest
O	optics for open area	RU	Rubic UNA central monitoring
U	universal optics	FZLV	central battery FZLV 24 VDC
R	optics for escape route	FZLV2	central battery FZLV II 48 VDC
R1	optics for escape route	CB	central battery version
R2	optics for escape route		
B	electronic gear for PREMIUM self-contained fittings	ADP	address module for CBS 1.0 – SMART technology
Z	electronic gear for addressable central battery fittings	ADE	address module for CBS 2.0 – SMART technology
SE	non maintained	WH	white color
SA	maintained	GR	grey color
PT	manual test button	BL	black color

AXP 3 EXAMPLE OF PHOTOMETRY



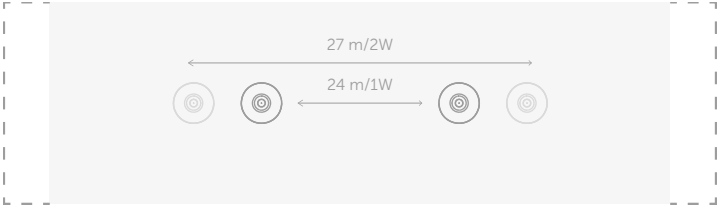
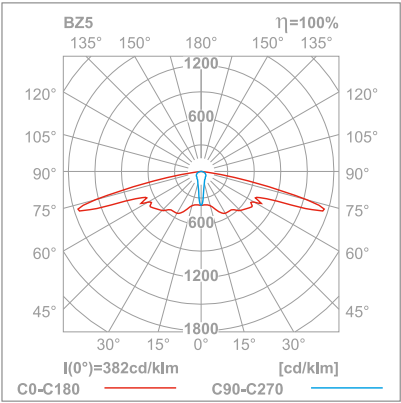
Optic O for open area

simulation for four luminaires and min 0,5 lx (area)



Optic R1 for escape route

simulation for two luminaires and min 1 lx (distance)





AX 3 accessories



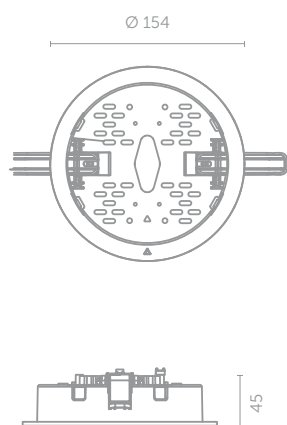
ACCESSORY FOR RECESSED MOUNTING

CODE: AX3N/REC/WH

AX3N/REC/GR

AX3N/REC/BL

DIMENSIONS [mm]



FITS TO AXN 3



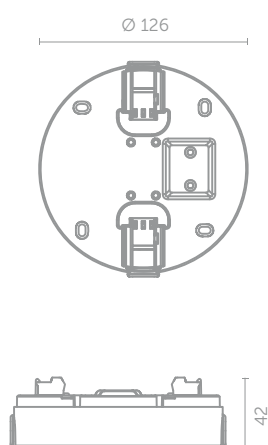
BOX FOR SURFACE MOUNTING

CODE: AX3N/BOX/WH

AX3N/BOX/GR

AX3N/BOX/BL

DIMENSIONS [mm]



FITS TO AXN 3





LOVATO family



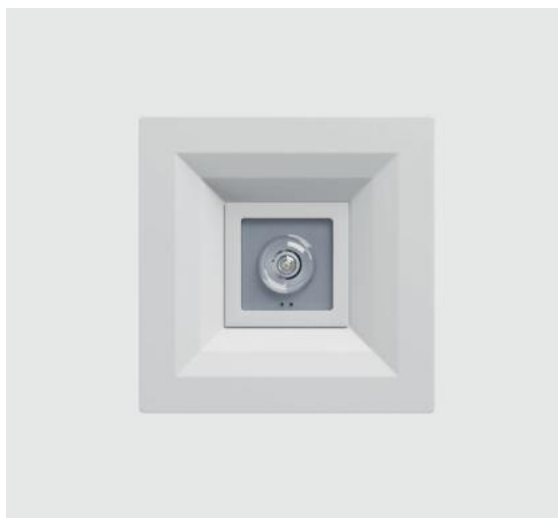


LOVATO family



LOVATO II

p. 54



LOVATO P

p. 58

Quality and efficiency

LOVATO series is a type of emergency luminaires designed for surface mounting inside buildings. With its small size and variant colours, it can be discretely incorporated into the surface. While designing the LOVATO II, we aimed at ensuring ergonomic installation so that our partners can save time during the installation and maintenance of luminaires. The luminaire is made of highquality components with option of different light output and individually designed lens.

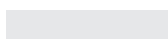
COLOURS

Black



RAL 9005

White



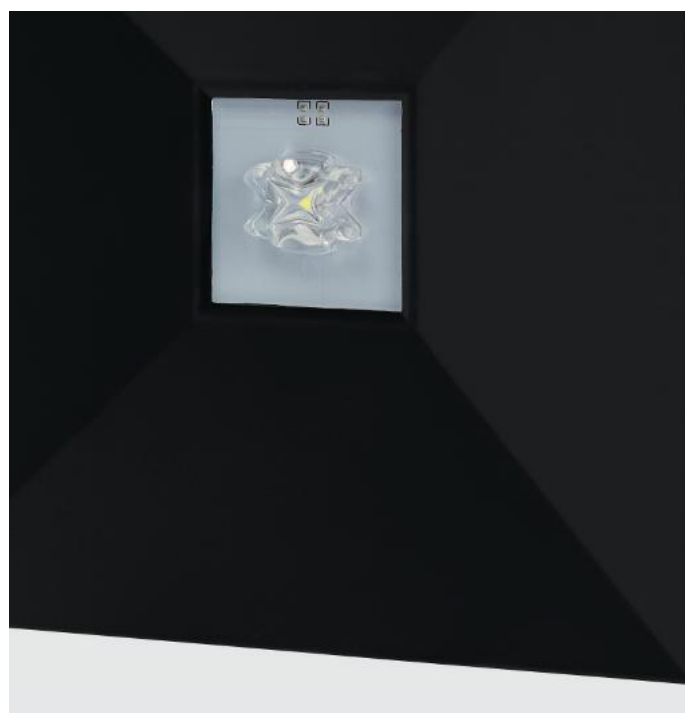
RAL 9003

Grey



RAL 7045

TYPES OF LENSES



FOR ESCAPE ROUTE

Design and versatility

LOVATO P series is a type of emergency luminaires designed for flush mounting inside buildings. Square shape goes very well with main lighting luminaires. The luminaires are made of smooth polycarbonate body, high-quality efficient PowerLED light sources with individual designed state of the art lenses. Combination of less power with high luminous flux covers wide light distribution with less power consumption. The luminaire is excellent for office spaces, shopping malls (including tenants' areas), hotels, hospitals, airports, train & bus stations, more precisely in communication routes, restaurants, meetings rooms. Depending on visual preferences, it can replace AXP luminaire.



FOR OPEN SPACE

LOVATO II



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP41

IK8



KM 618355
BS-EN 60598-2-22

MATERIALS

White, grey or black polycarbonate body

MOUNTING

Surface

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W, 3W, 4W LED
Optics: A – asymmetric • O – open area • U – universal • R – escape route
• C – corridor

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP41, IK8

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C **Central battery:** t_a: 0°C ÷ 50°C

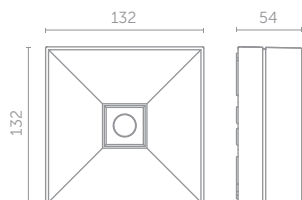
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU
– Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV
– central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

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

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR		
STANDARD	LV2R	1W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
	LV2U	2W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
	LV2O												
	LV2C	3W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
PREMIUM	LV2R	1W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL
	LV2U	2W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL
	LV2O												
	LV2C	3W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL
	LV2A	4W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
LV2R	1W	F	CB	CBS	X	WH	GR	BL
LV2U	2W	F	CB	CBS	X	WH	GR	BL
LV2O								
LV2C	3W	F	CB	CBS	X	WH	GR	BL
LV2A								

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
LV2R	1W	Z	CB	ADE	ADP	WH	GR	BL
LV2U	2W	Z	CB	ADE	ADP	WH	GR	BL
LV2O								
LV2C	3W	Z	CB	ADE	ADP	WH	GR	BL
LV2A	4W	Z	CB	ADE		WH	GR	BL

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR		
LV2R	1W	FZLV	FZLV2	WH	GR	BL
LV2U	2W	FZLV	FZLV2	WH	GR	BL
LV2O						
LV2C	3W	FZLV	FZLV2	WH	GR	BL
LV2A	4W	FZLV2		WH	GR	BL

LEGEND:

LV2R	fixture LOVATO II with optics for escape route
LV2U	fixture LOVATO II with universal optics
LV2O	fixture LOVATO II with optics for open area
LV2C	fixture LOVATO II with optics for corridor
LV2A	fixture LOVATO II with asymmetric optics
E, C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings

F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
RW	Rubic UNA Wireless central monitoring
FZLV	central battery FZLV 24 VDC

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]					
	POWER	LV2R	LV2U	LV2O	LV2C	LV2A
STANDARD	1W	175	175	175	180	175
	2W	280	290	290	270	300
	3W	400	410	410	390	405
PREMIUM	1W	185	185	185	190	185
	2W	330	350	350	320	350
	3W	460	460	460	460	460
	4W	550	550	550	550	550

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]					
	POWER	LV2R	LV2U	LV2O	LV2C	LV2A
1W	185	185	185	190	185	
2W	330	350	350	320	350	
3W	460	460	460	460	460	

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]					
	POWER	LV2R	LV2U	LV2O	LV2C	LV2A
1W	185	185	185	190	185	
2W	330	350	350	320	350	
3W	460	460	460	460	460	
4W	550	550	550	550	550	

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]					
	POWER	LV2R	LV2U	LV2O	LV2C	LV2A
1W	185	185	185	190	185	
2W	330	350	350	320	350	
3W	460	460	460	460	460	
4W	550	550	550	550	550	

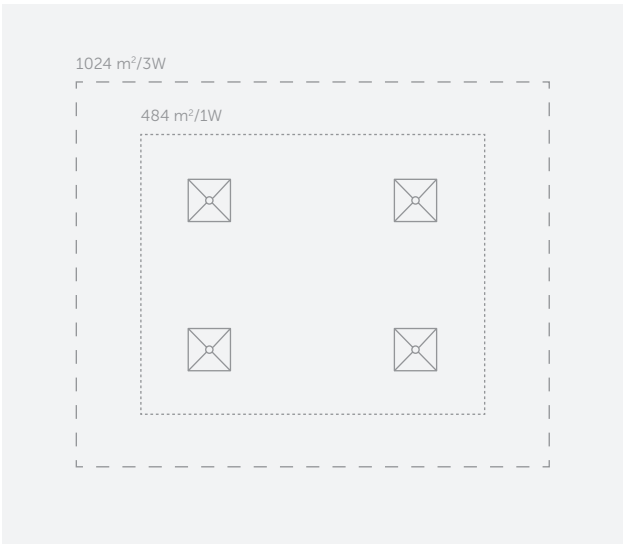
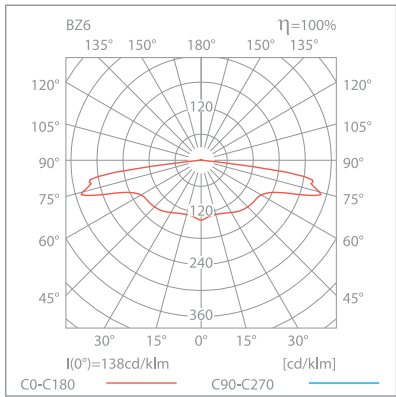
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
CBS	central battery for circuit monitoring
ADP	address module for CBS 1.0 – SMART technology
ADE	address module for CBS 2.0 – SMART technology
WH	white color
GR	grey color
BL	black color

LOVATO II EXAMPLE OF PHOTOMETRY



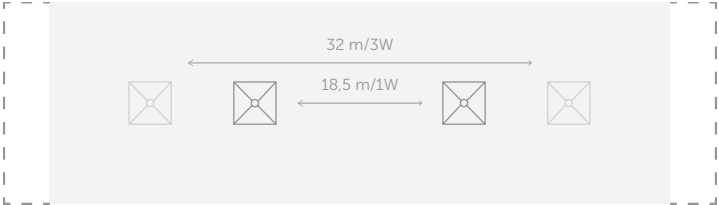
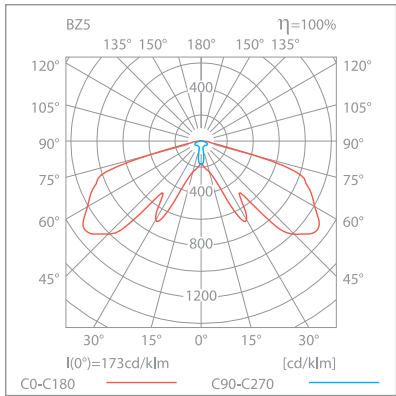
Optic O for open area

simulation for four luminaires and min 0,5 lx (area)



Optic C for corridor

simulation for two luminaires and min 1 lx (distance)





LOVATO P



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP20

IK8



KM 618355
BS-EN 60598-2-22

MATERIALS

White, grey or black polycarbonate body

MOUNTING

Recessed

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W, 3W, 4W, 6W LED
Optics: A – asymmetric • O – open area • U – universal • R – escape route
• C – corridor

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP20, IK8

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C **Central battery:** t_a: 0°C ÷ 50°C

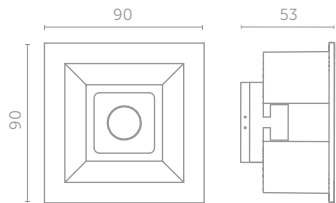
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • RU – Rubic UNA central monitoring
• FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC
• CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV II version • Electronic gear and battery package installed in a separate box

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS		COLOR		
STANDARD	LVPR	1W	E C	1	3	SE	SA	AT	X	WH	GR	BL
	LVPU	2W	E C	1	3	SE	SA	AT	X	WH	GR	BL
	LVPO	3W	E C	1	3	SE	SA	AT	X	WH	GR	BL
	LVPC											
	LVPA											
PREMIUM		1W	B	1	3	SE	SA	AT	RU	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	WH	GR	BL
		3W	B	1	3	SE	SA	AT	RU	WH	GR	BL
		4W	B	1	3	SE	SA	AT	RU	WH	GR	BL
		6W	B	1	3	SE	SA	AT	RU	WH	GR	BL

* power in emergency mode

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
LVPR LVPU LVPO LVPC LVPA	1W	F	CB	CBS	X	WH	GR	BL
	2W	F	CB	CBS	X	WH	GR	BL
	3W	F	CB	CBS	X	WH	GR	BL
	6W	F	CB	CBS	X	WH	GR	BL

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
LVPR LVPU LVPO LVPC LVPA	1W	Z	CB	ADE	ADP	WH	GR	BL
	2W	Z	CB	ADE	ADP	WH	GR	BL
	3W	Z	CB	ADE	ADP	WH	GR	BL
	4W	Z	CB	ADE		WH	GR	BL
	6W	Z	CB	ADE	ADP	WH	GR	BL

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR		
LVPR LVPU LVPO LVPC LVPA	1W	FZLV	FZLV2	WH	GR	BL
	2W	FZLV	FZLV2	WH	GR	BL
	3W	FZLV	FZLV2	WH	GR	BL
	4W	FZLV2		WH	GR	BL
	6W	FZLV2		WH	GR	BL

LEGEND:

LVPR	fixture LOVATO P with optics for escape route
LVPU	fixture LOVATO P with universal optics
LVPO	fixture LOVATO P with optics for open area
LVPC	fixture LOVATO P with optics for corridor
LVPA	fixture LOVATO P with asymmetric optics
E, C	electronic gear for STANDARD self-contained fittings

B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]					
	POWER	LVPR	LVPU	LVPO	LVPC	LVPA
STANDARD	1W	180	180	175	180	175
	2W	300	300	300	300	300
	3W	400	410	385	385	400
PREMIUM	1W	190	190	185	190	185
	2W	350	350	350	350	350
	3W	460	460	460	460	460
	4W	550	550	550	550	550
	6W	785	800	775	785	765

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]					
	POWER	LVPR	LVPU	LVPO	LVPC	LVPA
1W	190	190	185	190	185	
2W	350	350	350	350	350	
3W	460	460	460	460	460	
4W	550	550	550	550	550	

OUTPUT IN EMERGENCY MODE [lm]

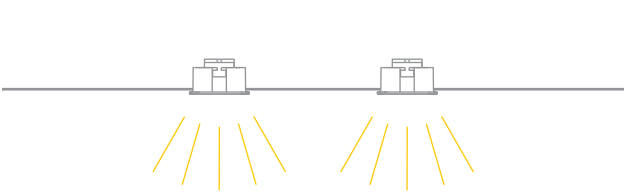
	OUTPUT [lm]					
	POWER	LVPR	LVPU	LVPO	LVPC	LVPA
1W	190	190	185	190	185	
2W	350	350	350	350	350	
3W	460	460	460	460	460	
4W	550	550	550	550	550	
6W	785	800	775	785	765	

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]					
	POWER	LVPR	LVPU	LVPO	LVPC	LVPA
1W	190	190	185	190	185	
2W	350	350	350	350	350	
3W	460	460	460	460	460	
4W	550	550	550	550	550	
6W	785	800	775	785	765	

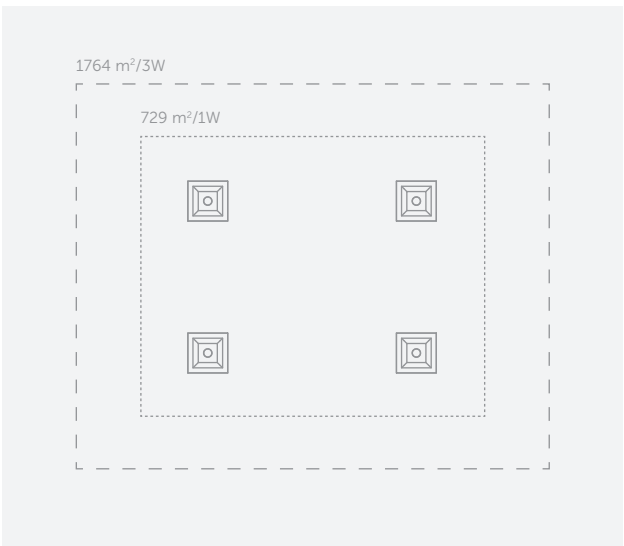
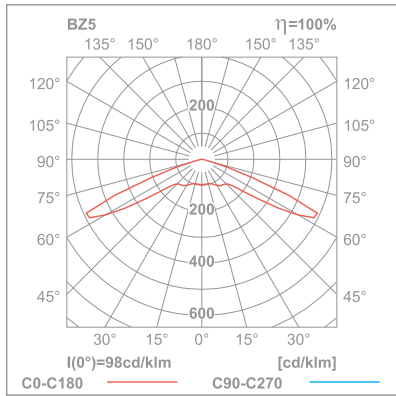
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
CBS	central battery for circuit monitoring
ADP	address module for CBS 1.0 – SMART technology
ADE	address module for CBS 2.0 – SMART technology
WH	white color
GR	grey color
BL	black color

LOVATO P EXAMPLE OF PHOTOMETRY



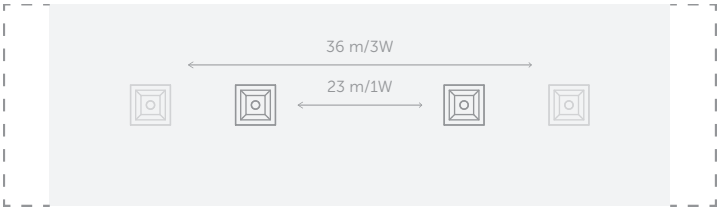
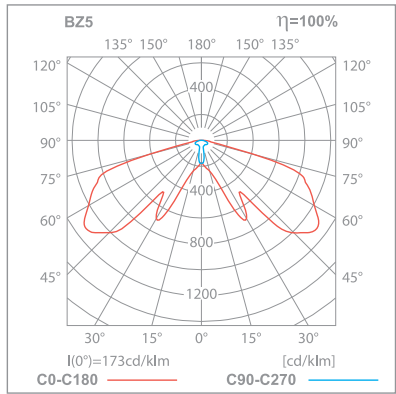
Optic O for open area

simulation for four luminaires and min 0,5 lx (area)



Optic C for corridor

simulation for two luminaires and min 1 lx (distance)





LOVATO accessories



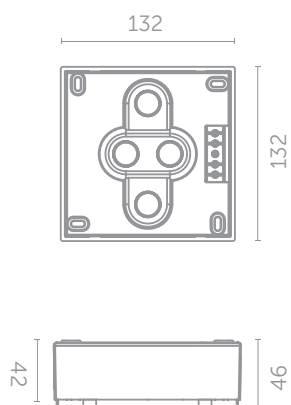
BOX FOR SURFACE MOUNTING

CODE: LV2/BOX/WH

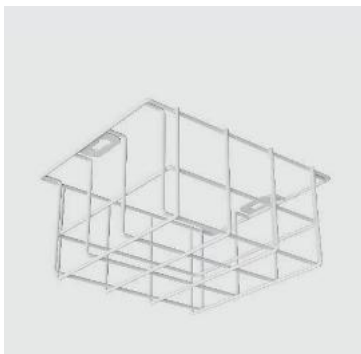
LV2/BOX/GR

LV2/BOX/BL

DIMENSIONS [mm]



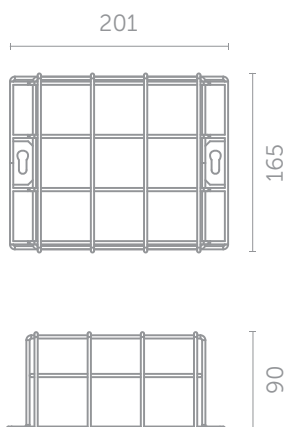
FITS TO LOVATO II



WIRE GUARD

CODE: 1015

DIMENSIONS [mm]



FITS TO LOVATO II





AX family





AX family



AXN

p. 68



AXP

p. 72

Quality and efficiency

AX series is a decorative type emergency light designed for both flush and surface mounting inside the building. The luminaire is made of round shape polycarbonate body, high-quality components (e.g. highly efficient PowerLed light sources with individually designed lenses) with above-average luminous fluxes from small housing. Its discreet design give possible to use it in a number of facilities where small luminaire with high applicability is required.

Like office spaces, shopping malls, hotels, hospitals, airports, train & bus stations, more precisely in communication routes, restaurants, meetings rooms. Depending on visual preferences, it can replace LVP luminaires.

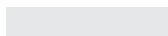
COLOURS

Black



RAL 9005

White



RAL 9003

Grey



RAL 7045

CLOSE UP



Design and versatility

AXN series is a type of emergency luminaires designed for surface mounting, both indoors and outdoors (high ingress protection IP65). Mentioned in turn, enables extensive areas to be illuminated also from high altitudes. Additionally, with the optional use of heater HTR-25 system made by AWEX, the AXN luminaire is suitable for difficult environmental conditions (low temperatures).



AXN



AC
220-240V
50-60Hz

DC
176-275V

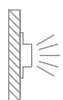
DC
24V

DC
48V

LED

IP65

IK8



KM 618355
BS-EN 60598-2-22

MATERIALS

White, grey or black polycarbonate body

MOUNTING

Surface

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W, 3W, 4W, 6W LED
Optics: A – asymmetric • O – open area • U – universal • R – escape route
• C - corridor

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP65, IK8

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C • t_a: -25°C ÷ 40°C – together with heater for low temperatures
Central battery: t_a: -25°C ÷ 50°C

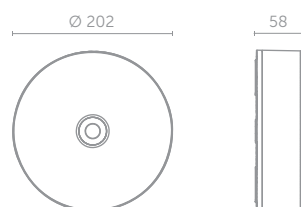
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU
– Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV
– central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • 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 with HTR 25 • III class of insulation of FZLV and FZLV II version

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR		
STANDARD	AXNR AXNU AXNO AXNC AXNA	1W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
		2W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
		3W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
PREMIUM		1W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL
	AXNR AXNU AXNO AXNC AXNA	2W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL
		3W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL
		4W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL
		6W*	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL

* power in emergency mode

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
AXNR AXNU AXNO AXNC AXNA	1W	F	CB	CBS	X	WH	GR	BL
	2W	F	CB	CBS	X	WH	GR	BL
	3W	F	CB	CBS	X	WH	GR	BL
	6W	F	CB	CBS	X	WH	GR	BL

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
AXNR AXNU AXNO AXNC AXNA	1W	Z	CB	ADE	ADP	WH	GR	BL
	2W	Z	CB	ADE	ADP	WH	GR	BL
	3W	Z	CB	ADE	ADP	WH	GR	BL
	4W	Z	CB	ADE		WH	GR	BL
	6W	Z	CB	ADE	ADP	WH	GR	BL

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR		
AXNR AXNU AXNO AXNC AXNA	1W	FZLV	FZLV2	WH	GR	BL
	2W	FZLV	FZLV2	WH	GR	BL
	3W	FZLV	FZLV2	WH	GR	BL
	4W	FZLV2		WH	GR	BL
	6W	FZLV2		WH	GR	BL

LEGEND:

AXNR	fixture AXN with optics for escape route	F	electronic gear for central battery fittings	FZLV2	central battery FZLV II 48 VDC
AXNU	fixture AXN with universal optics	Z	electronic gear for addressable central battery fittings	CB	central battery version
AXNO	fixture AXN with optics for open area	SE	non maintained	CBS	central battery for circuit monitoring
AXNC	fixture AXN with optics for corridor	SA	maintained	ADP	address module for CBS 1.0 – SMART technology
AXNA	fixture AXN with asymmetric optics optics	PT	manual test button	ADE	address module for CBS 2.0 – SMART technology
E, C	electronic gear for STANDARD self-contained fittings	X	fitting without additional options	WH	white color
B	electronic gear for PREMIUM self-contained fittings	AT	autotest	GR	grey color
		RU	Rubic UNA central monitoring	BL	black color
		RW	Rubic UNA Wireless central monitoring		
		FZLV	central battery FZLV 24 VDC		

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]					
	POWER	AXNR	AXNU	AXNO	AXNC	AXNA
STANDARD	1W	180	180	180	180	175
	2W	290	300	285	290	290
	3W	400	410	385	390	405
PREMIUM	1W	190	190	190	185	185
	2W	340	350	330	340	340
	3W	460	460	460	460	460
	4W	550	550	550	550	550
	6W	790	805	780	790	770

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]					
	POWER	AXNR	AXNU	AXNO	AXNC	AXNA
	1W	190	190	190	185	185
	2W	340	350	330	340	340
	3W	460	460	460	460	460
	6W	790	805	780	790	770

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]					
	POWER	AXNR	AXNU	AXNO	AXNC	AXNA
	1W	190	190	190	185	185
	2W	340	350	330	340	340
	3W	460	460	460	460	460
	4W	550	550	550	550	550
	6W	790	805	780	790	770

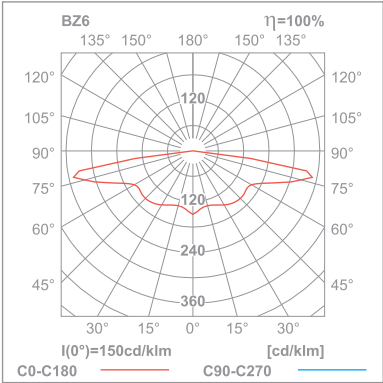
OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]					
	POWER	AXNR	AXNU	AXNO	AXNC	AXNA
	1W	190	190	190	185	185
	2W	340	350	330	340	340
	3W	460	460	460	460	460
	4W	550	550	550	550	550
	6W	790	805	780	790	770

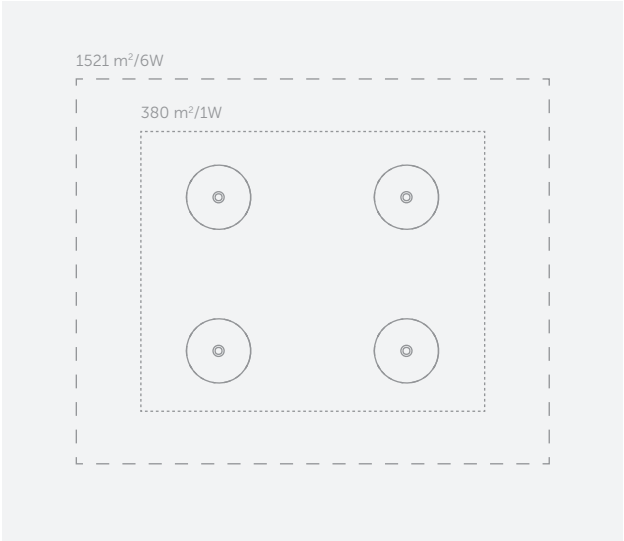
AXN EXAMPLE OF PHOTOMETRY



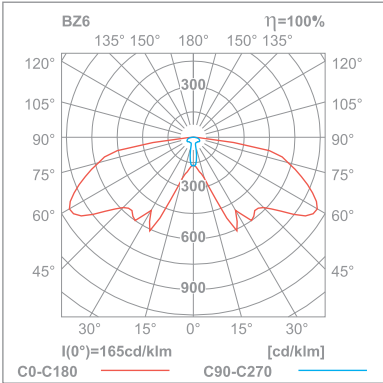
Optic O for open area



simulation for four luminaires and min 0,5 lx (area)



Optic C for corridor



simulation for two luminaires and min 1 lx (distance)





AXP



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP20

IK8



KM 618355
BS-EN 60598-2-22

MATERIALS

White, grey or black polycarbonate body

MOUNTING

Recessed

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W, 3W, 4W, 6W LED
Optics: A – asymmetric • O – open area • U – universal • R – escape route
• C – corridor

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP20, IK8

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C **Central battery:** t_a: 0°C ÷ 50°C

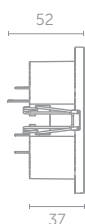
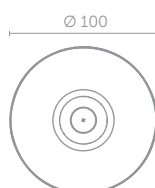
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • RU – Rubic UNA central monitoring
• FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC
• CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV II version • Electronic gear and battery package installed in a separate box

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS		COLOR		
STANDARD	AXEPR AXEPU AXEPO AXEPC AXEPA	1W	E C	1	3	SE	SA	AT	X	WH	GR	BL
		2W	E C	1	3	SE	SA	AT	X	WH	GR	BL
		3W	E C	1	3	SE	SA	AT	X	WH	GR	BL
PREMIUM		1W	B	1	3	SE	SA	AT	RU	WH	GR	BL
	AXEPR AXEPU AXEPO AXEPC AXEPA	2W	B	1	3	SE	SA	AT	RU	WH	GR	BL
		3W	B	1	3	SE	SA	AT	RU	WH	GR	BL
		4W	B	1	3	SE	SA	AT	RU	WH	GR	BL
		6W*	B	1	3	SE	SA	AT	RU	WH	GR	BL

* power in emergency mode

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
AXEPR AXEPU AXEPO AXEPC AXEPA	1W	F	CB	CBS	X	WH	GR	BL
	2W	F	CB	CBS	X	WH	GR	BL
	3W	F	CB	CBS	X	WH	GR	BL
	6W	F	CB	CBS	X	WH	GR	BL

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
AXEPR AXEPU AXEPO AXEPC AXEPA	1W	Z	CB	ADE	ADP	WH	GR	BL
	2W	Z	CB	ADE	ADP	WH	GR	BL
	3W	Z	CB	ADE	ADP	WH	GR	BL
	4W	Z	CB	ADE		WH	GR	BL
	6W	Z	CB	ADE	ADP	WH	GR	BL

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR		
AXEPR AXEPU AXEPO AXEPC AXEPA	1W	FZLV	FZLV2	WH	GR	BL
	2W	FZLV	FZLV2	WH	GR	BL
	3W	FZLV	FZLV2	WH	GR	BL
	4W	FZLV2		WH	GR	BL
	6W	FZLV2		WH	GR	BL

LEGEND:

AXEPR	fixture AXP with optics for escape route	B	electronic gear for PREMIUM self-contained fittings	FZLV	central battery FZLV 24 VDC
AXEPU	fixture AXP with universal optics	F	electronic gear for central battery fittings	FZLV2	central battery FZLV II 48 VDC
AXEPO	fixture AXP with optics for open area	Z	electronic gear for addressable central battery fittings	CB	central battery version
AXEPC	fixture AXP with optics for corridor	SE	non maintained	CBS	central battery for circuit monitoring
AXEPA	fixture AXP with asymmetric optics	SA	maintained	ADP	address module for CBS 1.0 – SMART technology
E, C	electronic gear for STANDARD self-contained fittings	X	fitting without additional options	ADE	address module for CBS 2.0 – SMART technology
		AT	autotest	WH	white color
		RU	Rubic UNA central monitoring	GR	grey color
				BL	black color

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]					
	POWER	AXEPR	AXEPU	AXEPO	AXEPC	AXEPA
STANDARD	1W	180	180	180	180	175
	2W	290	300	290	290	290
	3W	400	410	405	400	405
PREMIUM	1W	190	190	190	190	185
	2W	340	350	340	340	340
	3W	460	460	460	460	460
	4W	550	550	550	550	550
	6W	785	800	775	785	765

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]					
	POWER	AXEPR	AXEPU	AXEPO	AXEPC	AXEPA
1W	190	190	190	190	190	185
2W	340	350	340	340	340	340
3W	460	460	460	460	460	460
6W	785	800	775	785	785	765

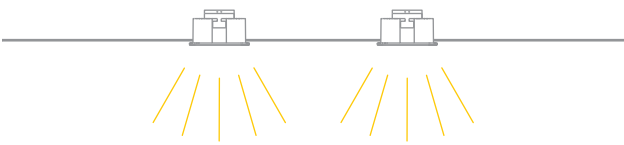
OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]					
	POWER	AXEPR	AXEPU	AXEPO	AXEPC	AXEPA
1W	190	190	190	190	190	185
2W	340	350	340	340	340	340
3W	460	460	460	460	460	460
4W	550	550	550	550	550	550
6W	785	800	775	785	785	765

OUTPUT IN EMERGENCY MODE [lm]

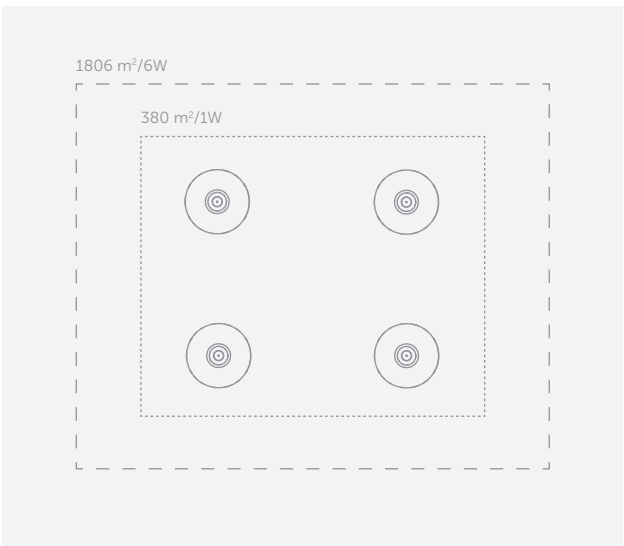
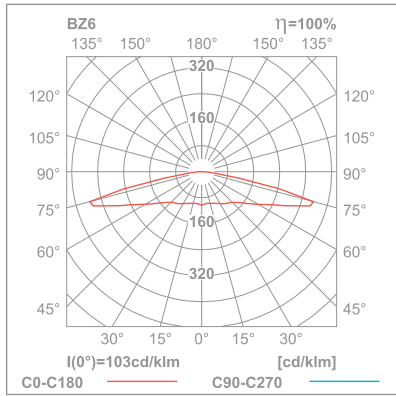
	OUTPUT [lm]					
	POWER	AXEPR	AXEPU	AXEPO	AXEPC	AXEPA
1W	190	190	190	190	190	185
2W	340	350	340	340	340	340
3W	460	460	460	460	460	460
4W	550	550	550	550	550	550
6W	785	800	775	785	785	765

AXP EXAMPLE OF PHOTOMETRY



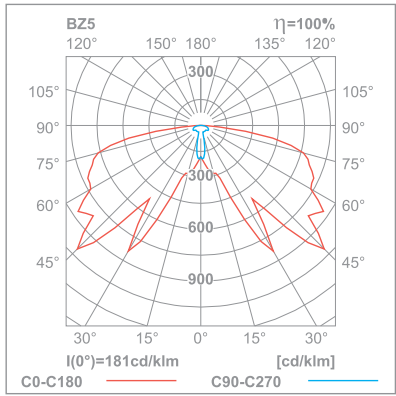
Optic O for open area

simulation for four luminaires and min 0,5 lx (area)



Optic C for corridor

simulation for two luminaires and min 1 lx (distance)





MICRO SPOT family





MICRO SPOT family



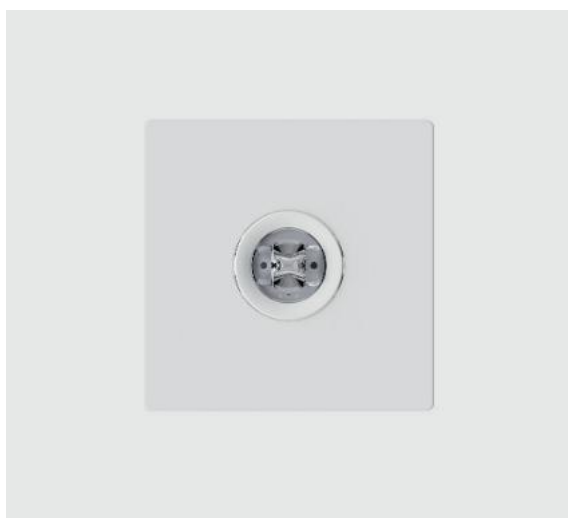
MICRO SPOT

p. 80



MICRO SPOT ROUND

p. 84



MICRO SPOT SQUARE

p. 88

CLOSE UP



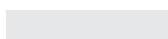
COLOURS

Black



RAL 9005

White



RAL 9003

Grey



RAL 7045

Micro size with max illumination

MICRO SPOT series is a new concept of emergency luminaires designed for flush mounting inside buildings, or main lighting luminaires. Its small size makes it easy to be incorporated into the surface. The luminaire is made of high-quality components and the ability to select the power/light output along with an individually designed lens. With newly designed lenses light can be concentrated along corridors or spread through open spaces. It is often used in office spaces, shopping malls, communication routes and social rooms.



MICRO SPOT



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP20

IK8



Ni-Cd



LiFePO₄

MATERIALS

White, grey or black polycarbonate body

MOUNTING

Recessed

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W, 3W LED
Optics: U – universal • R – escape route

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP20, IK8

AMBIENT TEMPERATURE

Self-contained: t_a : 0°C ÷ 40°C
Central battery: t_a : 0°C ÷ 50°C

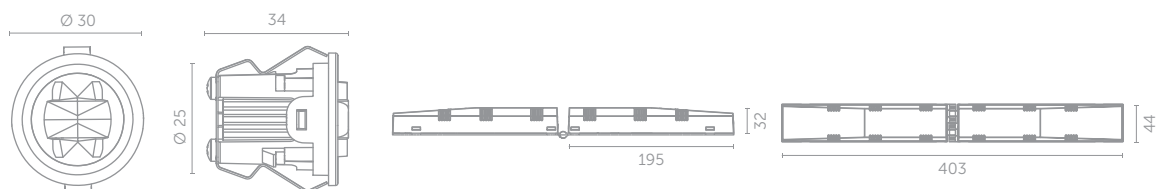
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • RU – Rubic UNA central monitoring
• FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC
• CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV II version • Electronic gear and battery package installed in a separate box

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS		COLOR		
STANDARD	MSU MSR	1W	E C	1	3	SE	SA	AT	X	WH	GR	BL
		2W	E C	1	3	SE	SA	AT	X	WH	GR	BL
		3W	E C	1	3	SE	SA	AT	X	WH	GR	BL
PREMIUM	MSU MSR	1W	B	1	3	SE	SA	AT	RU	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	WH	GR	BL
		3W	B	1	3	SE	SA	AT	RU	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]		
	POWER	MSU	MSR
STANDARD	1W	170	165
	2W	290	280
	3W	400	385
PREMIUM	1W	185	175
	2W	345	330
	3W	460	460

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
MSU MSR	1W	F	CB	CBS	X	WH	GR	BL
	2W	F	CB	CBS	X	WH	GR	BL
	3W	F	CB	CBS	X	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]		
	POWER	MSU	MSR
1W	185	175	
2W	345	330	
3W	460	460	

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
MSU MSR	1W	Z	CB	ADE	ADP	WH	GR	BL
	2W	Z	CB	ADE	ADP	WH	GR	BL
	3W	Z	CB	ADE	ADP	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]		
	POWER	MSU	MSR
1W	185	175	
2W	345	330	
3W	460	460	

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR		
MSU MSR	1W	FZLV	FZLV2	WH	GR	BL
	2W	FZLV	FZLV2	WH	GR	BL
	3W	FZLV	FZLV2	WH	GR	BL

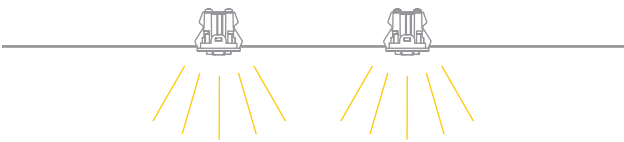
OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]		
	POWER	MSU	MSR
1W	185	175	
2W	345	330	
3W	460	460	

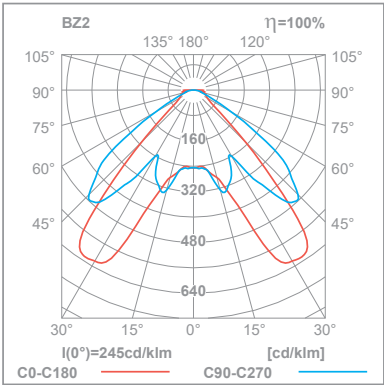
LEGEND:

MSU	fixture MICRO SPOT with optic for universal uses	AT	autotest
MSR	fixture MICRO SPOT with optics for escape route	RU	Rubic UNA central monitoring
E, C	electronic gear for STANDARD self-contained fittings	FZLV	central battery FZLV 24 VDC
B	electronic gear for PREMIUM self-contained fittings	FZLV2	central battery FZLV II 48 VDC
F	electronic gear for central battery fittings	CB	central battery version
Z	electronic gear for addressable central battery fittings	CBS	central battery for circuit monitoring
SE	non maintained	ADP	address module for CBS 1.0 – SMART technology
SA	maintained	ADE	address module for CBS 2.0 – SMART technology
X	fitting without additional options	WH	white color
		GR	grey color
		BL	black color

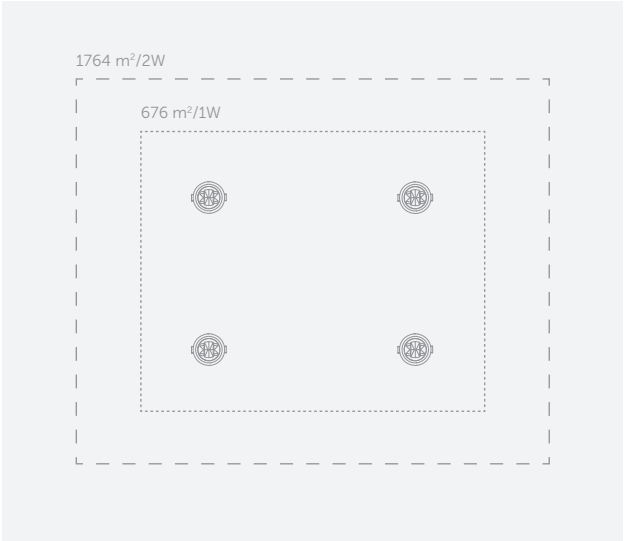
MICRO SPOT EXAMPLE OF PHOTOMETRY



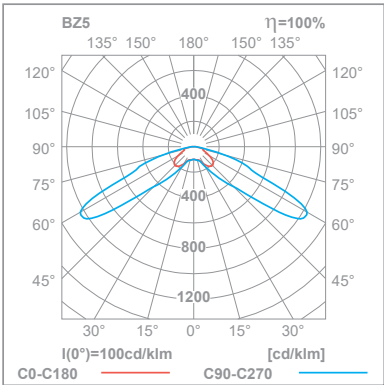
Optic U for universal uses



simulation for four luminaires and min 0,5 lx (area)



Optic R for escape route



simulation for two luminaires and min 1 lx (distance)





MICRO SPOT Round



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP20

IK8



MATERIALS

White, grey or black polycarbonate body
Cover made of steel painted

MOUNTING

Recessed

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W, 3W LED
Optics: U – universal • R – escape route

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP20, IK8

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C
Central battery: t_a: 0°C ÷ 50°C

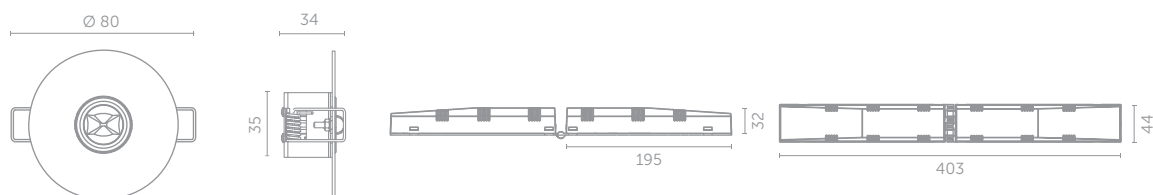
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • RU – Rubic UNA central monitoring
• FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC
• CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV II version • Electronic gear and battery package installed in a separate box

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS		COLOR		
STANDARD	MTRU MTRR	1W	E C	1	3	SE	SA	AT	X	WH	GR	BL
		2W	E C	1	3	SE	SA	AT	X	WH	GR	BL
		3W	E C	1	3	SE	SA	AT	X	WH	GR	BL
PREMIUM	MTRU MTRR	1W	B	1	3	SE	SA	AT	RU	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	WH	GR	BL
		3W	B	1	3	SE	SA	AT	RU	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]		
	POWER	MTRU	MTRR
STANDARD	1W	170	165
	2W	290	280
	3W	400	385
PREMIUM	1W	185	175
	2W	345	330
	3W	460	460

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
MTRU MTRR	1W	F	CB	CBS	X	WH	GR	BL
	2W	F	CB	CBS	X	WH	GR	BL
	3W	F	CB	CBS	X	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]		
	POWER	MTRR	MTRR
1W	185	175	
2W	345	330	
3W	460	460	

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
MTRU MTRR	1W	Z	CB	ADE	ADP	WH	GR	BL
	2W	Z	CB	ADE	ADP	WH	GR	BL
	3W	Z	CB	ADE	ADP	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]		
	POWER	MTRR	MTRR
1W	185	175	
2W	345	330	
3W	460	460	

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR		
MTRU MTRR	1W	FZLV	FZLV2	WH	GR	BL
	2W	FZLV	FZLV2	WH	GR	BL
	3W	FZLV	FZLV2	WH	GR	BL

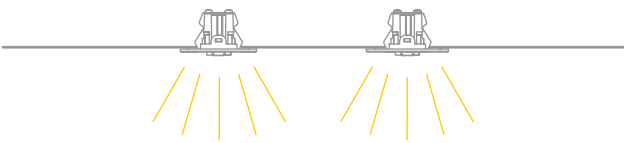
OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]		
	POWER	MTRR	MTRR
1W	185	175	
2W	345	330	
3W	460	460	

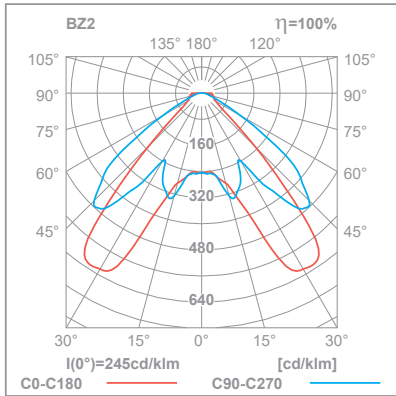
LEGEND:

MTRU	fixture MICRO SPOT round with optic for universal uses	AT	autotest
MTRR	fixture MICRO SPOT round with optics for escape route	RU	Rubic UNA central monitoring
E, C	electronic gear for STANDARD self-contained fittings	FZLV	central battery FZLV 24 VDC
B	electronic gear for PREMIUM self-contained fittings	FZLV2	central battery FZLV II 48 VDC
F	electronic gear for central battery fittings	CB	central battery version
Z	electronic gear for addressable central battery fittings	CBS	central battery for circuit monitoring
SE	non maintained	ADP	address module for CBS 1.0 – SMART technology
SA	maintained	ADE	address module for CBS 2.0 – SMART technology
X	fitting without additional options	WH	white color
		GR	grey color
		BL	black color

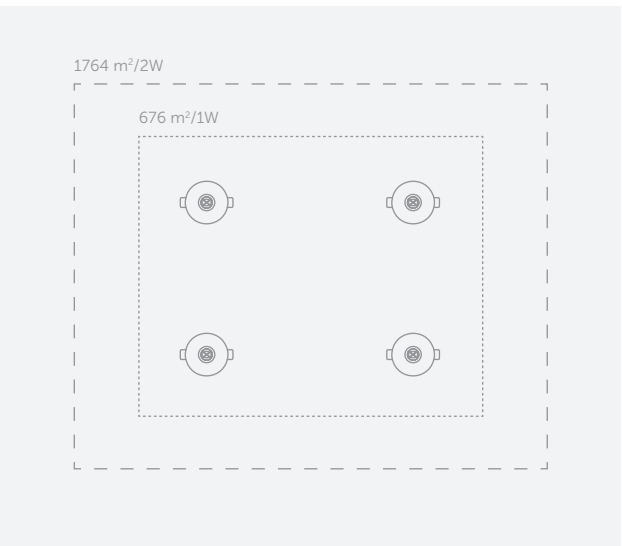
MICRO SPOT ROUND EXAMPLE OF PHOTOMETRY



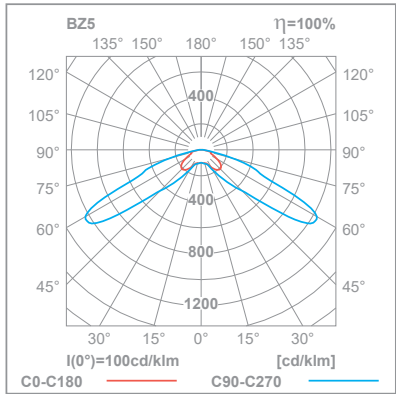
Optic U for universal uses



simulation for four luminaires and min 0,5 lx (area)



Optic R for escape route



simulation for two luminaires and min 1 lx (distance)





MICRO SPOT Square



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP20

IK8



MATERIALS

White, grey or black polycarbonate body
Cover made of steel painted

MOUNTING

Recessed

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W, 3W LED
Optics: U – universal • R – escape route

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP20, IK8

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C **Central battery:** t_a: 0°C ÷ 50°C

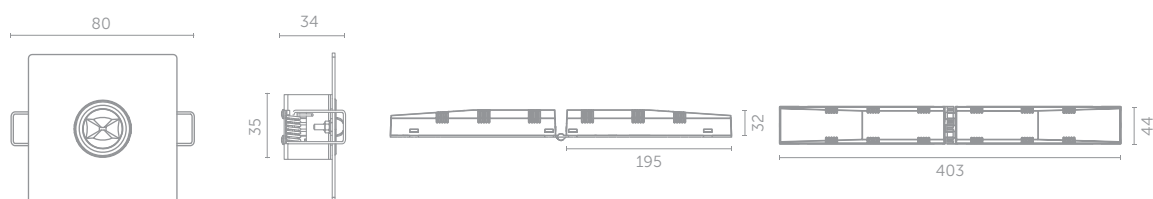
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • RU – Rubic UNA central monitoring
• FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC
• CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV II version • Electronic gear and battery package installed in a separate box

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS		COLOR		
STANDARD	MTSU MTSR	1W	E C	1	3	SE	SA	AT	X	WH	GR	BL
		2W	E C	1	3	SE	SA	AT	X	WH	GR	BL
		3W	E C	1	3	SE	SA	AT	X	WH	GR	BL
PREMIUM	MTSU MTSR	1W	B	1	3	SE	SA	AT	RU	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	WH	GR	BL
		3W	B	1	3	SE	SA	AT	RU	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]		
	POWER	MTSU	MTSR
STANDARD	1W	170	165
	2W	290	280
	3W	400	385
PREMIUM	1W	185	175
	2W	345	330
	3W	460	460

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
MTSU MTSR	1W	F	CB	CBS	X	WH	GR	BL
	2W	F	CB	CBS	X	WH	GR	BL
	3W	F	CB	CBS	X	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]		
	POWER	MTSU	MTSR
1W	185	175	
2W	345	330	
3W	460	460	

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
MTSU MTSR	1W	Z	CB	ADE	ADP	WH	GR	BL
	2W	Z	CB	ADE	ADP	WH	GR	BL
	3W	Z	CB	ADE	ADP	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]		
	POWER	MTSU	MTSR
1W	185	175	
2W	345	330	
3W	460	460	

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR		
MTSU MTSR	1W	FZLV	FZLV2	WH	GR	BL
	2W	FZLV	FZLV2	WH	GR	BL
	3W	FZLV	FZLV2	WH	GR	BL

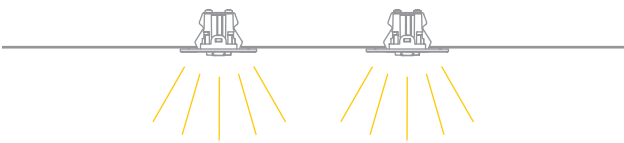
OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]		
	POWER	MTSU	MTSR
1W	185	175	
2W	345	330	
3W	460	460	

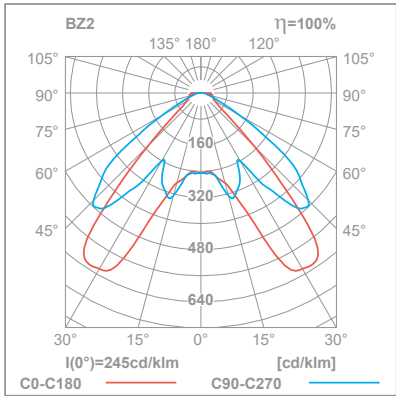
LEGEND:

MTSU	fixture MICRO SPOT square with optic for universal uses	AT	autotest
MTSR	fixture MICRO SPOT square with optics for escape route	RU	Rubic UNA central monitoring
E, C	electronic gear for STANDARD self-contained fittings	FZLV	central battery FZLV 24 VDC
B	electronic gear for PREMIUM self-contained fittings	FZLV2	central battery FZLV II 48 VDC
F	electronic gear for central battery fittings	CB	central battery version
Z	electronic gear for addressable central battery fittings	CBS	central battery for circuit monitoring
SE	non maintained	ADP	address module for CBS 1.0 – SMART technology
SA	maintained	ADE	address module for CBS 2.0 – SMART technology
X	fitting without additional options	WH	white color
		GR	grey color
		BL	black color

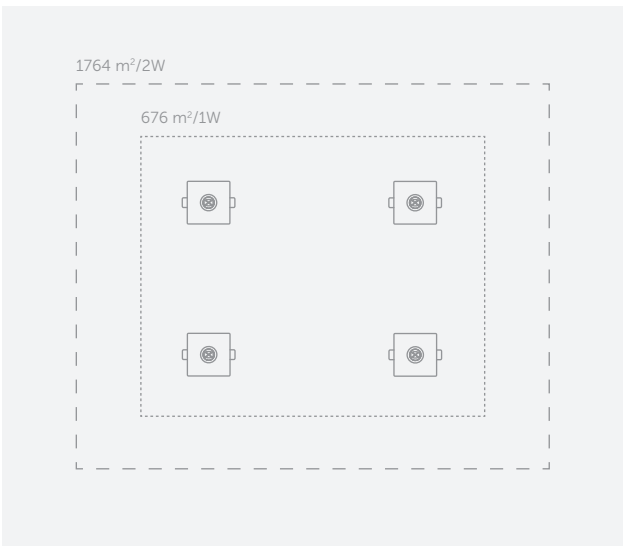
MICRO SPOT SQUARE EXAMPLE OF PHOTOMETRY



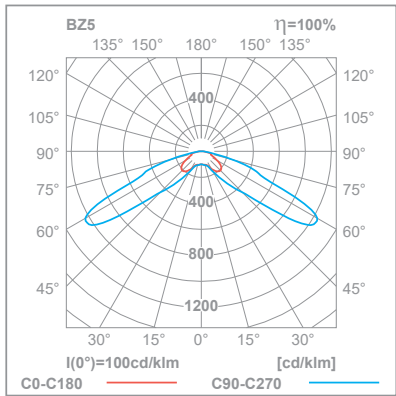
Optic U for universal uses



simulation for four luminaires and min 0,5 lx (area)



Optic R for escape route



simulation for two luminaires and min 1 lx (distance)





EYE LED family



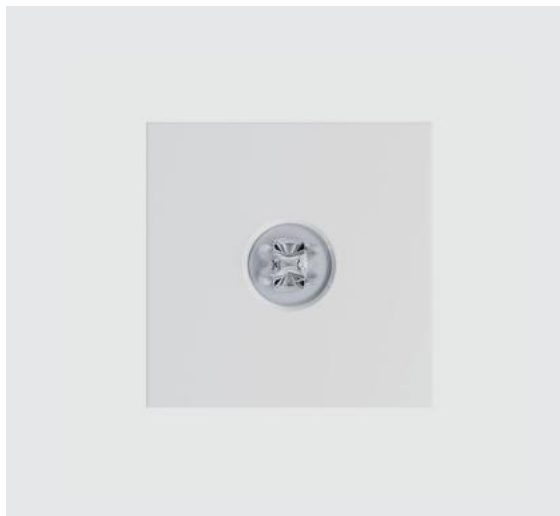


EYE LED family



EYE LED ROUND

p. 96



EYE LED SQUARE

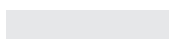
p. 100

Stainless steel body

EYE LED series is a high end line of emergency luminaires designed for flush mounting inside buildings. Stainless steel body with small round shape goes very well with other luminaires. The luminaire is made of high-quality components and the ability to select the power/light output along with an individually designed lens.

COLOURS

White



RAL 9003

Silver



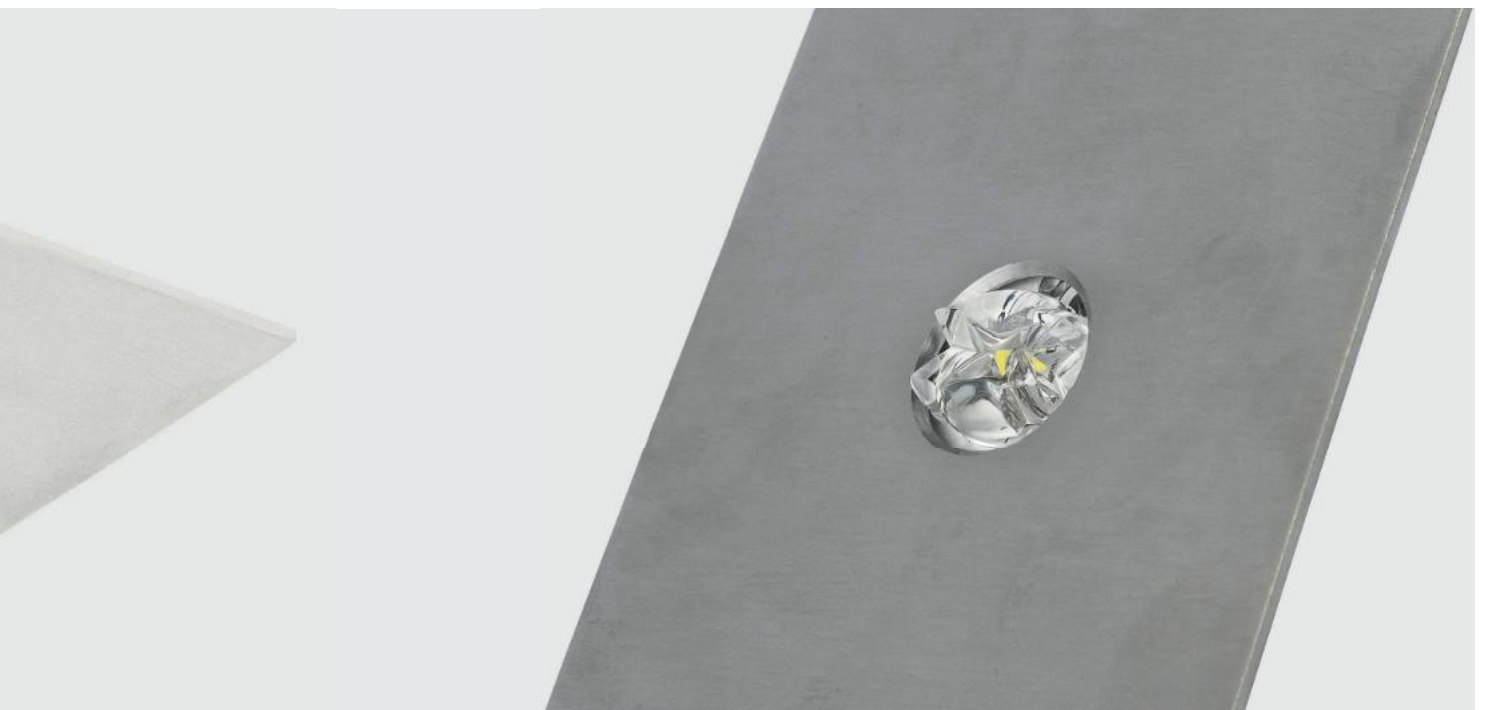
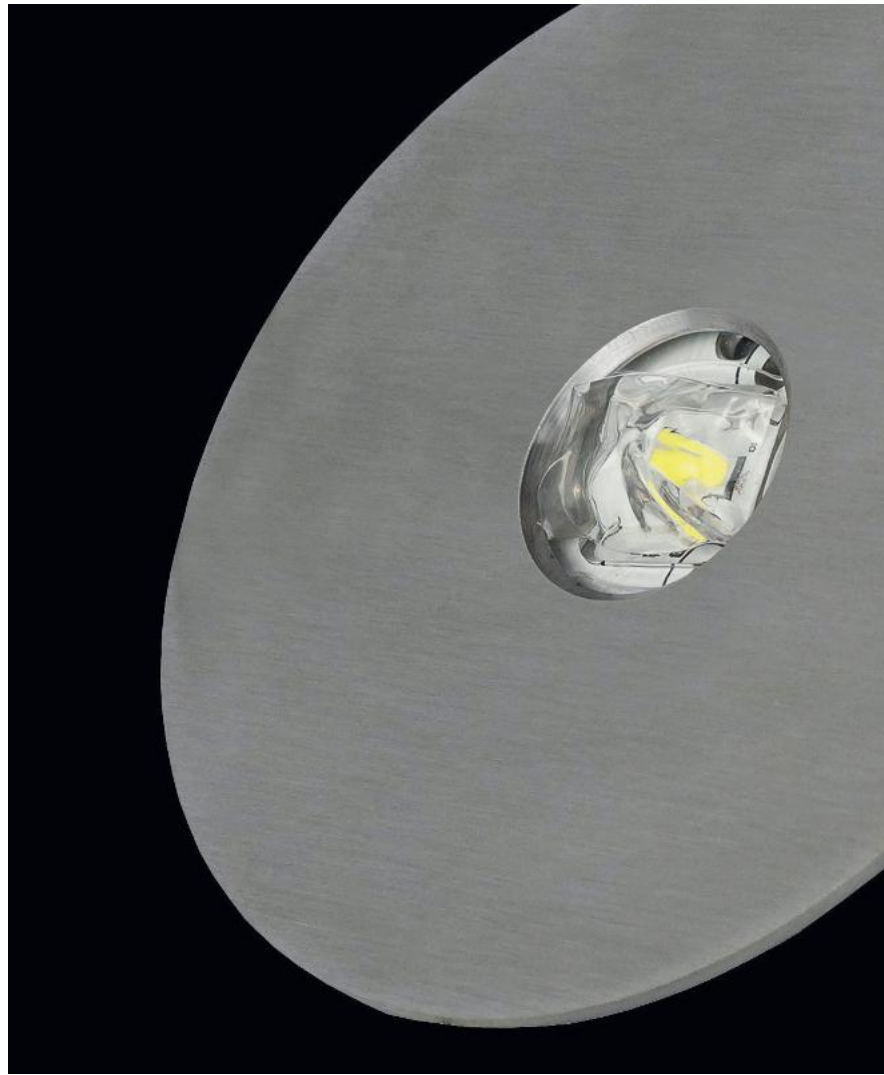
Stainless steel

CLOSE UP



High end Finish

All the special features makes the light a perfect match to meet the end user needs. With newly designed lenses light can be concentrated along corridors or spread through open spaces in hotel rooms, office buildings, shopping malls, communication routes and conference rooms.



EYE LED Round



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP20

IK8



KM 618355
BS-EN 60598-2-22

MATERIALS

Body made of stainless steel or steel painted white

MOUNTING

Recessed

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W, 3W, 3x1W LED
Optics: O – open area • U – universal • R – escape route • C - corridor

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP20, IK8

AMBIENT TEMPERATURE

Self-contained: t_a : 0°C ÷ 40°C
Central battery: t_a : 0°C ÷ 50°C

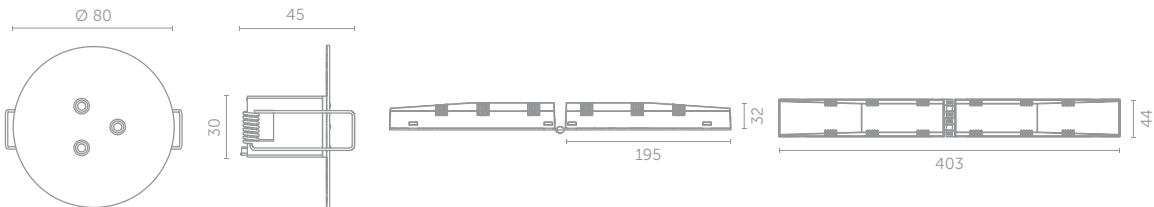
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • RU – Rubic UNA central monitoring
• FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC
• CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV II version • Electronic gear and battery package installed in a separate box

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS		COLOR	
STANDARD	EYR EYU EYO EYC	1W	E C	1	3	SE	SA	AT	X	ST	WH
		2W	E C	1	3	SE	SA	AT	X	ST	WH
		3W	E C	1	3	SE	SA	AT	X	ST	WH
	EY	3x1W	E C	1	3	SE	SA	AT	X	ST	WH
PREMIUM	EYR EYU EYO EYC	1W	B	1	3	SE	SA	AT	RU	ST	WH
		2W	B	1	3	SE	SA	AT	RU	ST	WH
		3W	B	1	3	SE	SA	AT	RU	ST	WH
	EY	3x1W	B	1	3	SE	SA	AT	RU	ST	WH

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]					
	POWER	EYR	EYU	EYO	EYC	EY
STANDARD	1W	165	180	170	175	–
	2W	290	290	290	290	–
	3W	380	410	380	385	–
	3x1W	–	–	–	–	390
PREMIUM	1W	185	190	180	185	–
	2W	340	350	340	340	–
	3W	460	460	460	460	–
	3x1W	–	–	–	–	460

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR	
EYR EYU EYO EYC	1W	F	CB	CBS	X	ST	WH
	2W	F	CB	CBS	X	ST	WH
	3W	F	CB	CBS	X	ST	WH
EY	3x1W	F	CB	CBS	X	ST	WH

OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]					
POWER	EYR	EYU	EYO	EYC	EY
1W	185	190	180	185	–
2W	340	350	340	340	–
3W	460	460	460	460	–
3x1W	–	–	–	–	460

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR	
EYR EYU EYO EYC	1W	Z	CB	ADE	ADP	ST	WH
	2W	Z	CB	ADE	ADP	ST	WH
	3W	Z	CB	ADE	ADP	ST	WH
EY	3x1W	Z	CB	ADE	ADP	ST	WH

OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]					
POWER	EYR	EYU	EYO	EYC	EY
1W	185	190	180	185	–
2W	340	350	340	340	–
3W	460	460	460	460	–
3x1W	–	–	–	–	460

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR	
EYR EYU EYO EYC	1W	FZLV	FZLV2	ST	WH
	2W	FZLV	FZLV2	ST	WH
	3W	FZLV	FZLV2	ST	WH
EY	3x1W	FZLV	FZLV2	ST	WH

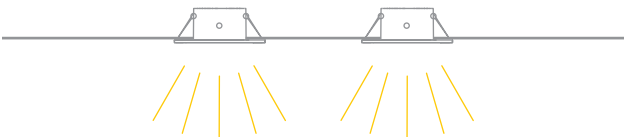
OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]					
POWER	EYR	EYU	EYO	EYC	EY
1W	185	190	180	185	–
2W	340	350	340	340	–
3W	460	460	460	460	–
3x1W	–	–	–	–	460

LEGEND:

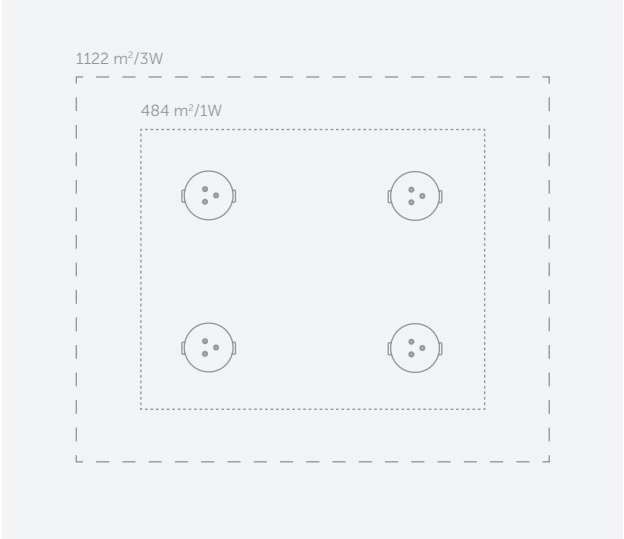
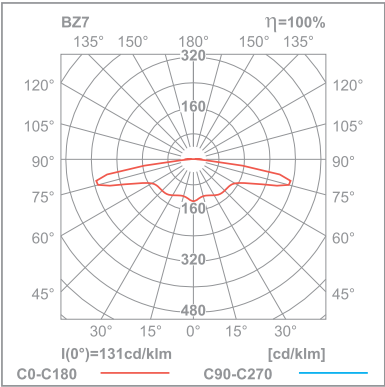
EYR	fixture EYE LED round with optics for escape route	B	electronic gear for PREMIUM self-contained fittings	FZLV	central battery FZLV 24 VDC
EYU	fixture EYE LED round with universal optics	F	electronic gear for central battery fittings	FZLV2	central battery FZLV II 48 VDC
EYO	fixture EYE LED round with optics for open area	Z	electronic gear for addressable central battery fittings	CB	central battery version
EYC	fixture EYE LED round with optics for corridor	SE	non maintained	CBS	central battery for circuit monitoring
EY	fixture EYE LED round without optics	SA	maintained	ADP	address module for CBS 1.0 – SMART technology
E, C	electronic gear for STANDARD self-contained fittings	X	fitting without additional options	ADE	address module for CBS 2.0 – SMART technology
		AT	autotest	ST	stainless steel
		RU	Rubic UNA central monitoring	WH	white color

EYE LED ROUND EXAMPLE OF PHOTOMETRY



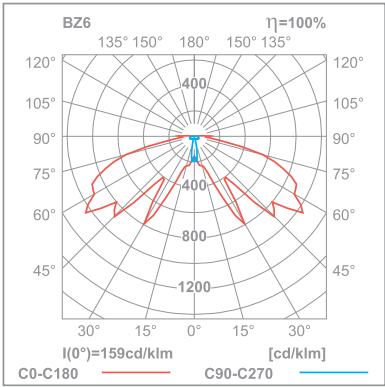
Optic O for open area

simulation for four luminaires and min 0,5 lx (area)



Optic C for corridor

simulation for two luminaires and min 1 lx (distance)





EYE LED Square



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP20

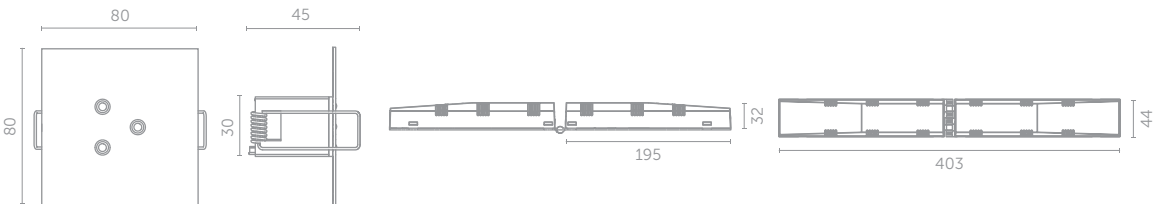
IK8



KM 618355
BS-EN 60598-2-22

MATERIALS	Body made of stainless steel or steel painted white
MOUNTING	Recessed
POWER SUPPLY	Self contained – 220 - 240VAC/50 - 60Hz Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC Central battery FZLV II – 48VDC Central battery FZLV – 24VDC
LIGHT SOURCE	1W, 2W, 3W, 3x1W LED Optics: O – open area • U – universal • R – escape route • C - corridor
CHARGING	Standard: max. 24h Premium: max. 12h; energy-saving electronic charger
AUTONOMY AND BATTERIES	Standard: 1h or 3h, Ni-Cd 3,6V batteries Premium: 1h or 3h, LiFePO ₄ 6,4V batteries
INSULATION CLASS	II or III
IP & IK RATING	IP20, IK8
AMBIENT TEMPERATURE	Self-contained: t _a : 0°C ÷ 40°C Central battery: t _a : 0°C ÷ 50°C
OPTIONS	SE – non maintained • SA – maintained • AT – autotest • RU – Rubic UNA central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery
ADDITIONAL INFORMATION	LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV II version • Electronic gear and battery package installed in a separate box

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS		COLOR	
STANDARD	EYKR	1W	E C	1	3	SE	SA	AT	X	ST	WH
	EYKU	2W	E C	1	3	SE	SA	AT	X	ST	WH
	EYKO	3W	E C	1	3	SE	SA	AT	X	ST	WH
	EYKC	3x1W	E C	1	3	SE	SA	AT	X	ST	WH
PREMIUM	EYKR	1W	B	1	3	SE	SA	AT	RU	ST	WH
	EYKU	2W	B	1	3	SE	SA	AT	RU	ST	WH
	EYKO	3W	B	1	3	SE	SA	AT	RU	ST	WH
	EYKC	3x1W	B	1	3	SE	SA	AT	RU	ST	WH

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]					
	POWER	EYKR	EYKU	EYKO	EYKC	EYK
STANDARD	1W	165	180	170	175	–
	2W	290	290	290	290	–
	3W	380	410	380	385	–
	3x1W	–	–	–	–	390
PREMIUM	1W	185	190	180	185	–
	2W	340	350	340	340	–
	3W	460	460	460	460	–
	3x1W	–	–	–	–	460

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR	
EYKR	1W	F	CB	CBS	X	ST	WH
EYKU	2W	F	CB	CBS	X	ST	WH
EYKO	3W	F	CB	CBS	X	ST	WH
EYKC	3x1W	F	CB	CBS	X	ST	WH

OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]					
POWER	EYKR	EYKU	EYKO	EYKC	EYK
1W	185	190	180	185	–
2W	340	350	340	340	–
3W	460	460	460	460	–
3x1W	–	–	–	–	460

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR	
EYKR	1W	Z	CB	ADE	ADP	ST	WH
EYKU	2W	Z	CB	ADE	ADP	ST	WH
EYKO	3W	Z	CB	ADE	ADP	ST	WH
EYKC	3x1W	Z	CB	ADE	ADP	ST	WH

OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]					
POWER	EYKR	EYKU	EYKO	EYKC	EYK
1W	185	190	180	185	–
2W	340	350	340	340	–
3W	460	460	460	460	–
3x1W	–	–	–	–	460

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR	
EYKR	1W	FZLV	FZLV2	ST	WH
EYKU	2W	FZLV	FZLV2	ST	WH
EYKO	3W	FZLV	FZLV2	ST	WH
EYKC	3x1W	FZLV	FZLV2	ST	WH

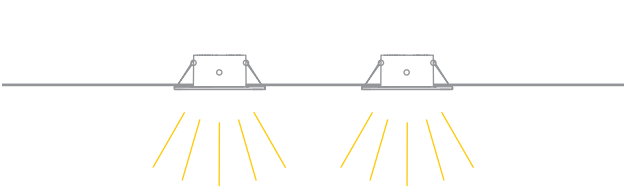
OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]					
POWER	EYKR	EYKU	EYKO	EYKC	EYK
1W	185	190	180	185	–
2W	340	350	340	340	–
3W	460	460	460	460	–
3x1W	–	–	–	–	460

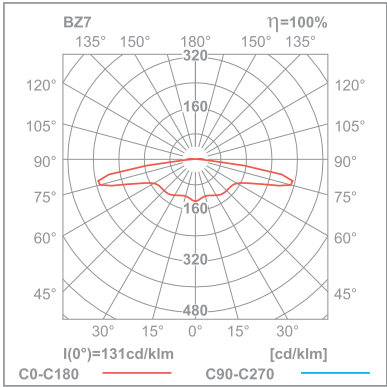
LEGEND:

EYKR	fixture EYE LED square with optics for escape route	B	electronic gear for PREMIUM self-contained fittings	FZLV	central battery FZLV 24 VDC
EYKU	fixture EYE LED square with universal optics	F	electronic gear for central battery fittings	FZLV2	central battery FZLV II 48 VDC
EYKO	fixture EYE LED square with optics for open area	Z	electronic gear for addressable central battery fittings	CB	central battery version
EYKC	fixture EYE LED square with optics for corridor	SE	non maintained	CBS	central battery for circuit monitoring
EYK	fixture EYE LED square without optics	SA	maintained	ADP	address module for CBS 1.0 – SMART technology
E, C	electronic gear for STANDARD self-contained fittings	X	fitting without additional options	ADE	address module for CBS 2.0 – SMART technology
		AT	autotest	ST	stainless steel
		RU	Rubic UNA central monitoring	WH	white color

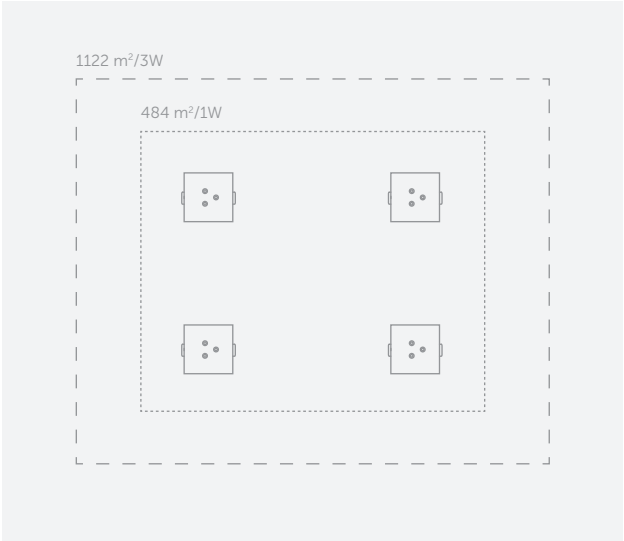
EYE LED SQUARE EXAMPLE OF PHOTOMETRY



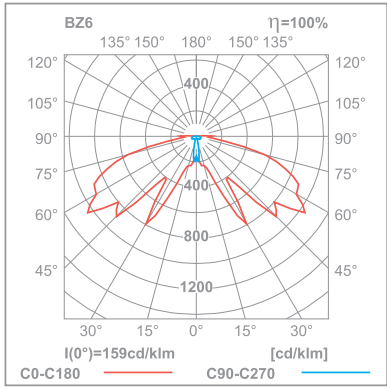
Optic O for open area



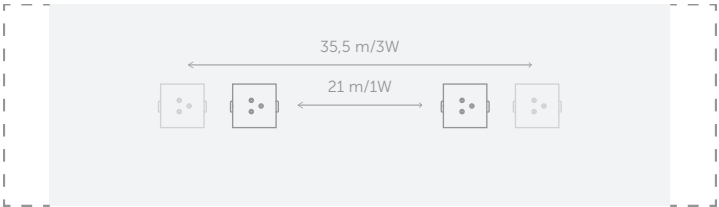
simulation for four luminaires and min 0,5 lx (area)



Optic C for corridor



simulation for two luminaires and min 1 lx (distance)



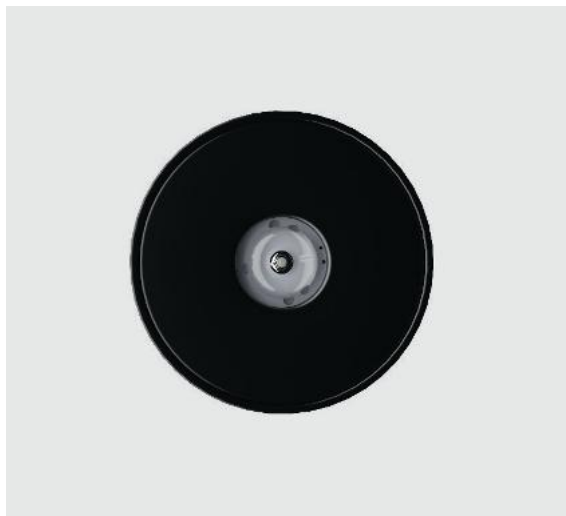


TEY family





TEY family



TEY

p. 108

Extraordinary appearance

TEY series is a line of emergency luminaires designed for surface mounting inside buildings. Lightweight stainless steel body with contemporary design meet the demands of modern installations. The luminaire is made of high-quality components and the ability to select the power/light output along with an individually designed lens.

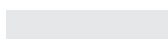
COLOURS

Black



RAL 9005

White



RAL 9003

CLOSE UP



Unique design

With newly designed lenses light can be concentrated along corridors or spread through open spaces. It is often installed in shopping mall, shops, office spaces, meeting rooms.



TEY



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP20

IK8



CE

Ni-Cd

LiFePO₄

MATERIALS

Steel body painted black or white

MOUNTING

Surface

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W, 3W, 3x1W LED
Optics: O – open area • U – universal • R – escape route • C - corridor

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

I or III

IP & IK RATING

IP20, IK8

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C
Central battery: t_a: 0°C ÷ 50°C

OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

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

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR	
STANDARD	TEYR TEYU TEYO TEYC	1W	E C	1	3	SE	SA	PT	AT	X	WH	BL
		2W	E C	1	3	SE	SA	PT	AT	X	WH	BL
		3W	E C	1	3	SE	SA	PT	AT	X	WH	BL
	TEY	3x1W	E C	1	3	SE	SA	PT	AT	X	WH	BL
PREMIUM	TEYR TEYU TEYO TEYC	1W	B	1	3	SE	SA	AT	RU		WH	BL
		2W	B	1	3	SE	SA	AT	RU		WH	BL
		3W	B	1	3	SE	SA	AT	RU		WH	BL
	TEY	3x1W	B	1	3	SE	SA	AT	RU		WH	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]					
	POWER	TEYR	TEYU	TEYO	TEYC	TEY
STANDARD	1W	165	180	170	175	–
	2W	290	290	290	290	–
	3W	380	410	380	385	–
	3x1W	–	–	–	–	390
PREMIUM	1W	185	190	180	185	–
	2W	340	350	340	340	–
	3W	460	460	460	460	–
	3x1W	–	–	–	–	460

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR	
TEYR TEYU TEYO TEYC	1W	F	CB	CBS	X	WH	BL
	2W	F	CB	CBS	X	WH	BL
	3W	F	CB	CBS	X	WH	BL
TEY	3x1W	F	CB	CBS	X	WH	BL

OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]					
POWER	TEYR	TEYU	TEYO	TEYC	TEY
1W	185	190	180	185	–
2W	340	350	340	340	–
3W	460	460	460	460	–
3x1W	–	–	–	–	460

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR	
TEYR TEYU TEYO TEYC	1W	Z	CB	ADE	ADP	WH	BL
	2W	Z	CB	ADE	ADP	WH	BL
	3W	Z	CB	ADE	ADP	WH	BL
TEY	3x1W	Z	CB	ADE	ADP	WH	BL

OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]					
POWER	TEYR	TEYU	TEYO	TEYC	TEY
1W	185	190	180	185	–
2W	340	350	340	340	–
3W	460	460	460	460	–
3x1W	–	–	–	–	460

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR	
TEYR TEYU TEYO TEYC	1W	FZLV	FZLV2	WH	BL
	2W	FZLV	FZLV2	WH	BL
	3W	FZLV	FZLV2	WH	BL
TEY	3x1W	FZLV	FZLV2	WH	BL

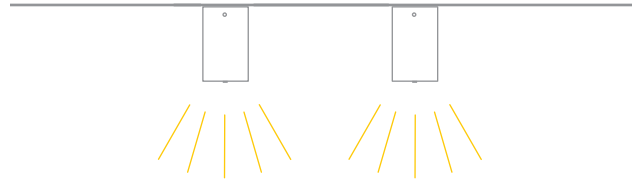
OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]					
POWER	TEYR	TEYU	TEYO	TEYC	TEY
1W	185	190	180	185	–
2W	340	350	340	340	–
3W	460	460	460	460	–
3x1W	–	–	–	–	460

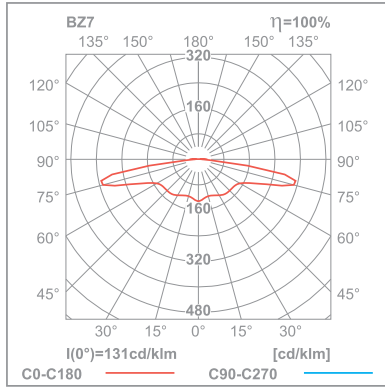
LEGEND:

TEYR	fixture TEY with optics for escape route	F	electronic gear for central battery fittings	CB	central battery version
TEYU	fixture TEY with universal optics	Z	electronic gear for addressable central battery fittings	CBS	central battery for circuit monitoring
TEYO	fixture TEY with optics for open area	SE	non maintained	ADP	address module for CBS 1.0 – SMART technology
TEYC	fixture TEY with optics for corridor	SA	maintained	ADE	address module for CBS 2.0 – SMART technology
TEY	fixture TEY without optics	PT	manual test button	WH	white color
E, C	electronic gear for STANDARD self-contained fittings	X	fitting without additional options	BL	black color
B	electronic gear for PREMIUM self-contained fittings	AT	autotest		
		RU	Rubic UNA central monitoring		
		FZLV	central battery FZLV 24 VDC		
		FZLV2	central battery FZLV II 48 VDC		

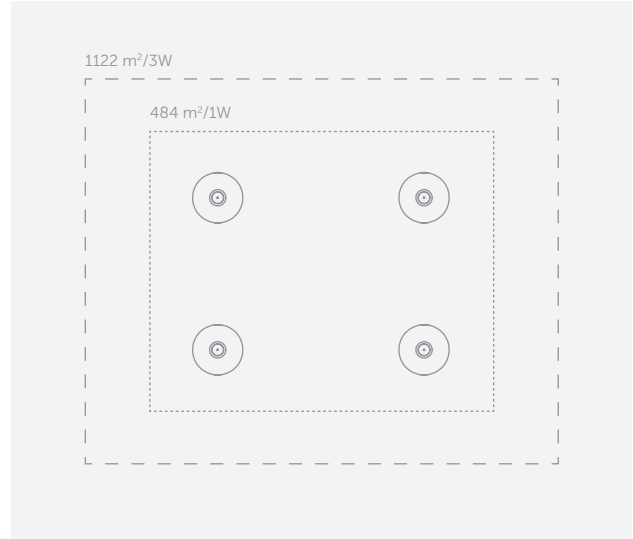
TEY EXAMPLE OF PHOTOMETRY



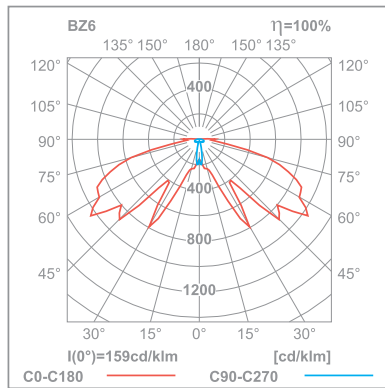
Optic O for open area



simulation for four luminaires and min 0,5 lx (area)



Optic C for corridor



simulation for two luminaires and min 1 lx (distance)



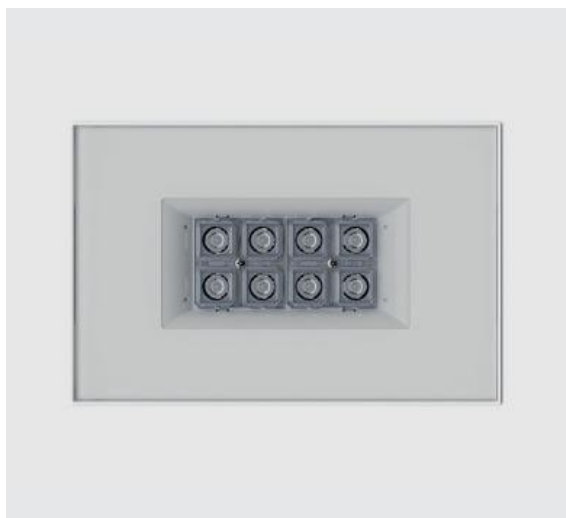


MX family





MX family



MX

p. 116

Quality and Versatility

MX range of emergency light fittings are designed for both: surface and recessed installation. Aluminum body is available in three color variants with ultra modern design.

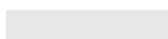
COLOURS

Black



RAL 9005

White



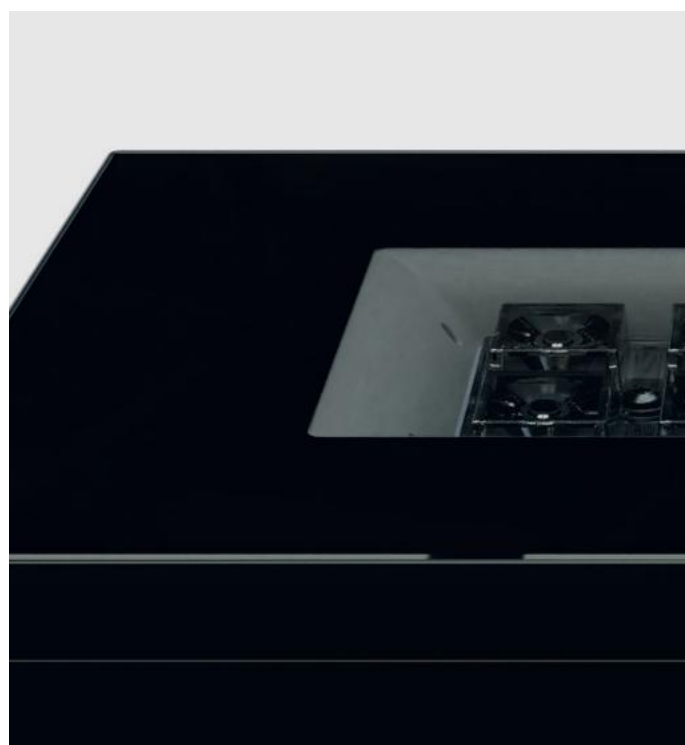
RAL 9003

Grey



RAL 7045

IP CERTIFIED



Durability and efficiency

MX range is waterproof and has high impact resistance and can be installed in the most tough conditions. Main application of the MX fixture is double-height areas, due to high power, high efficiency and innovative optics for escape router and open spaces.



MX



AC
220-240V
50-60Hz

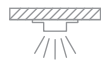
DC
176-275V

LED

IP42

IP65

IK8



MATERIALS

Aluminium body painted white, grey or black.
Glass cover

MOUNTING

Surface
Optionally recessed¹

POWER SUPPLY

Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC

LIGHT SOURCE

12W, 15W LED
Optics: C – corridor • O – open area

INSULATION CLASS

I

IP & IK RATING

IP42 or IP65, IK8

AMBIENT TEMPERATURE

t_a: 0°C ÷ 50°C

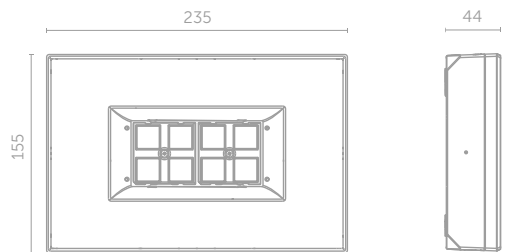
OPTIONS

CB – central battery

ADDITIONAL INFORMATION

¹ see accessory for recessed mounting

DIMENSIONS [mm]



CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
MXO MXC MX	12W	X	CB	CBS	X	WH	GR	BL
	15W	X	CB	CBS	X	WH	GR	BL
MXEO MXEC MXE	12W	X	CB	CBS	X	WH	GR	BL
	15W	X	CB	CBS	X	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

POWER	OUTPUT		
	MXO	MXC	MX
12W	1375	1360	1360
15W	2279	2249	2259
12W	1375	1360	1360
15W	2279	2249	2259

CENTRAL BATTERY CONFIGURATION - ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
MXO MXC MX	12W	X	CB	ADN	ADS	WH	GR	BL
	15W	X	CB	ADN	ADS	WH	GR	BL
MXEO MXEC MXE	12W	X	CB	ADN	ADS	WH	GR	BL
	15W	X	CB	ADN	ADS	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

POWER	OUTPUT		
	MXO	MXC	MX
12W	1375	1360	1360
15W	2279	2249	2259
12W	1375	1360	1360
15W	2279	2249	2259

LEGEND:

MX	luminaire MX IP65 without optics
MXO	luminaire MX IP65 with optic for open area
MXC	luminaire MX IP65 with optic for corridor
MXE	luminaire MX IP42 without optics
MXEO	luminaire MX IP42 with optic for open area
MXEC	luminaire MX IP42 with optic for corridor
X	fitting without additional options
CB	central battery version
CBS	central battery for circuit monitoring
ADS	address module for CBS 1.0 – SMART technology

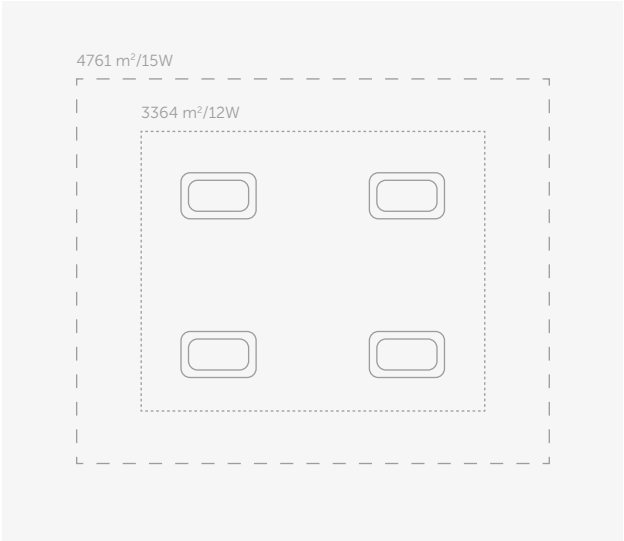
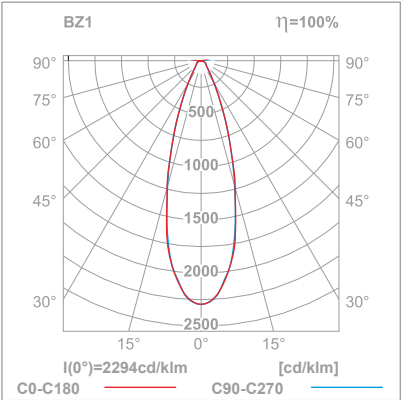
ADN	address module for CBS 2.0 – SMART technology
WH	white color
GR	grey color
BL	black color

MX EXAMPLE OF PHOTOMETRY



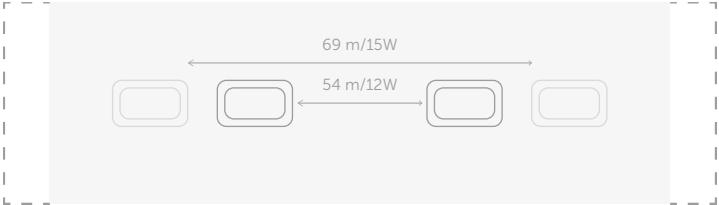
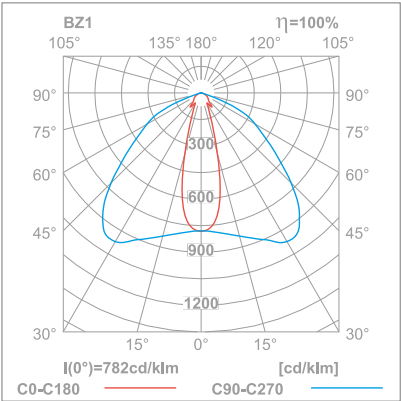
Optic O for open area

simulation for four luminaires and min 0,5 lx (area)



Optic C for corridor

simulation for two luminaires and min 1 lx (distance)





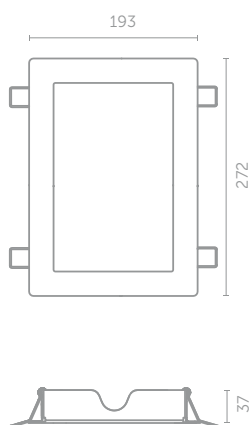
MX accessories



ACCESSORY FOR RECESSED MOUNTING

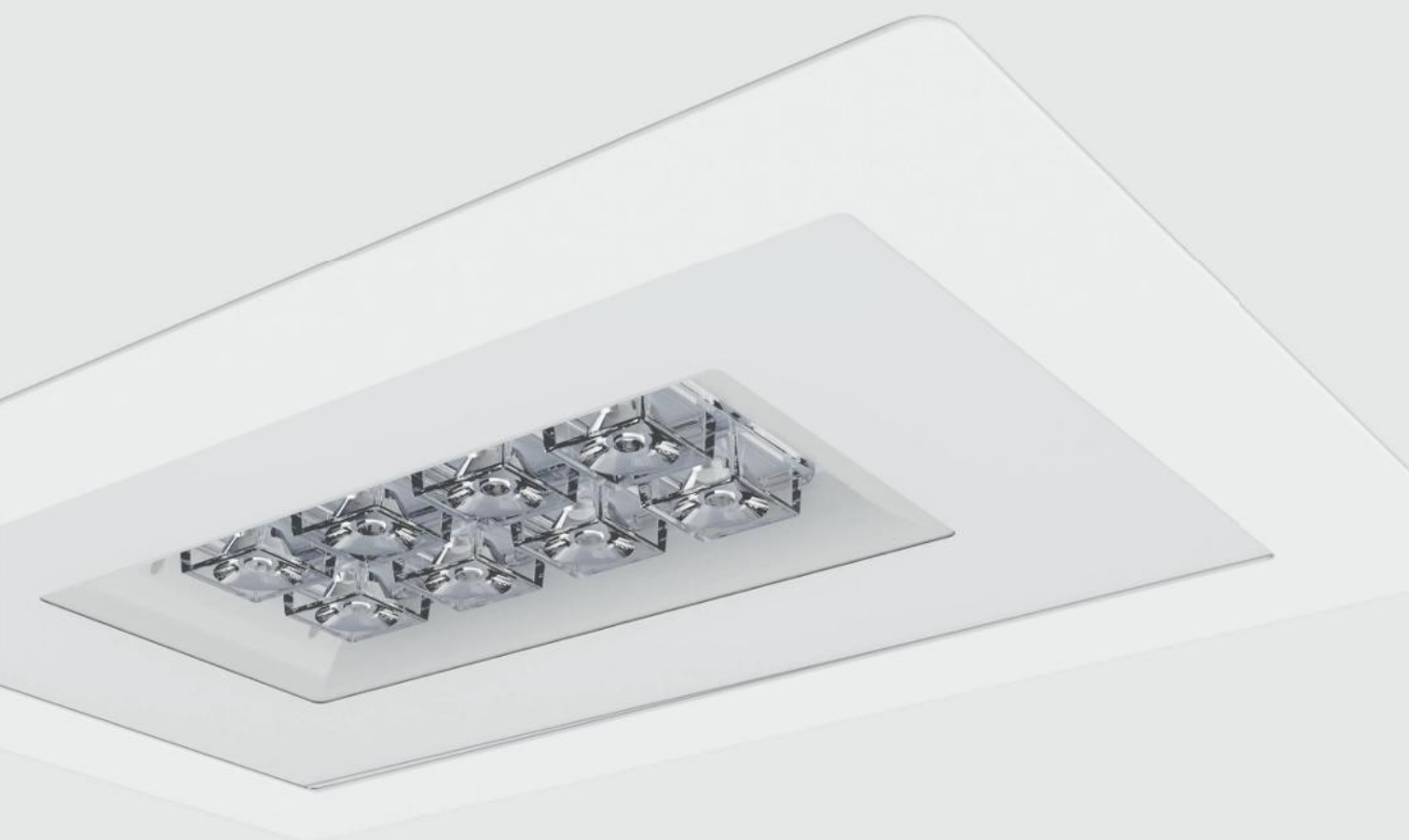
CODE: MX/REC

DIMENSIONS [mm]



FITS TO MX





OUTDOOR LED family





OUTDOOR LED family



OUTDOOR LED

p. 126

Sleek design for the toughest conditions

OUTDOOR LED series is an emergency escape luminaire designed for surface wall mounting, mainly outdoors because of high ingress protection IP 66 and enhanced resistance parameters. Due to its optional colour versions, the luminaire can be successfully incorporated into building façades, thus becoming their integral part.

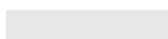
COLOURS

Black



RAL 9005

White



RAL 9003

Grey



RAL 7045

CLOSE UP

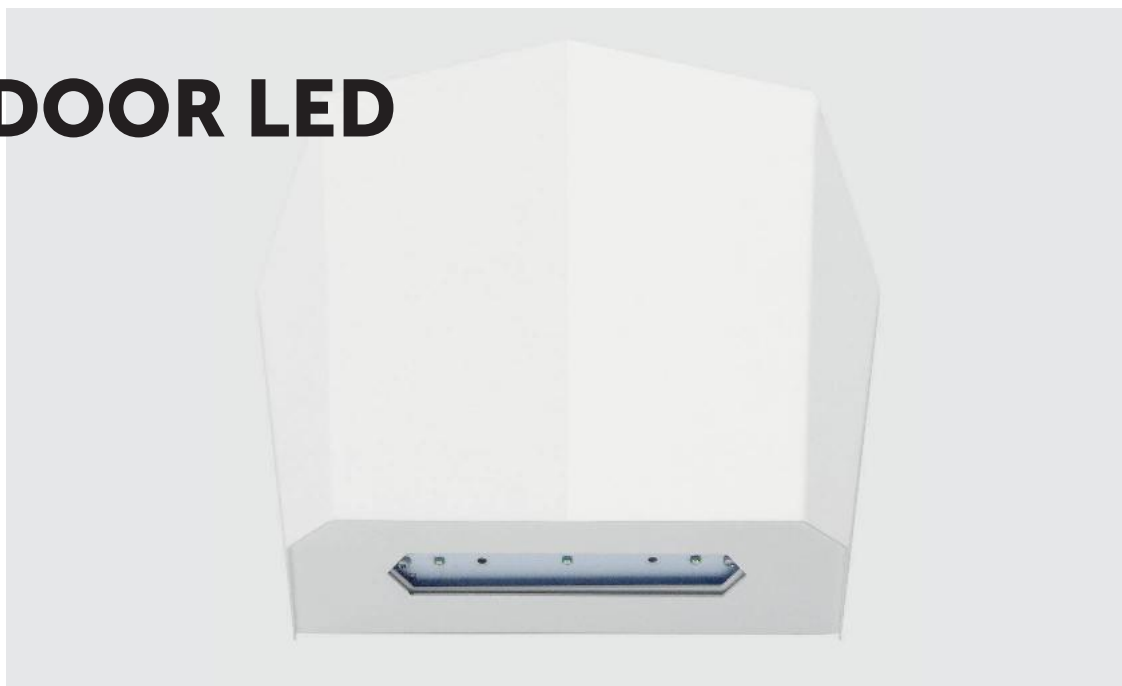


Unique appearance

The luminaire is made of high-quality components (e.g. highly efficient PowerLed light sources) so that it is characterised by above-average parameters in terms of luminous fluxes. It can provide extra illumination for special places such as hydrants or first aid points. In addition, with the use of heater HTR-25 system made by AWEX, the OUTDOOR LED luminaire is suitable for difficult environmental conditions (low temperatures). It is particularly recommended to be used in the vicinity of any final exit, so fire brigades can enter the building through lighted doors.



OUTDOOR LED



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP66

IK10



MATERIALS

Stainless steel painted white, grey or black

MOUNTING

Surface

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

3x1W LED

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

I or III

IP & IK RATING

IP66, IK10

AMBIENT TEMPERATURE

Self-contained: t_a : 0°C ÷ 40°C • t_a : -25°C ÷ 40°C – together with heater for low temperatures
Central battery: t_a : -25°C ÷ 50°C

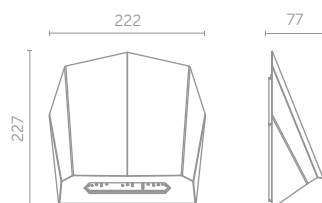
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • 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 with HTR 25 • III class of insulation of FZLV and FZLV II version

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR		
STANDARD	ODB	3x1W	C	1	3	SE	SA	PT	AT	X	WH	GR	BL
PREMIUM	ODB	3x1W	B	1	3	SE	SA	AT		RU	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]	
	POWER	ODB
STANDARD	3x1W	390
PREMIUM	3x1W	460

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
ODB	3x1W	F	CB	CBS	X	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]	
POWER	ODB
3x1W	460

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
ODB	3x1W	Z	CB	ADE	ADP	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]	
POWER	ODB
3x1W	460

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR		
ODB	3x1W	FZLV	FZLV2	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]	
POWER	ODB
3x1W	460

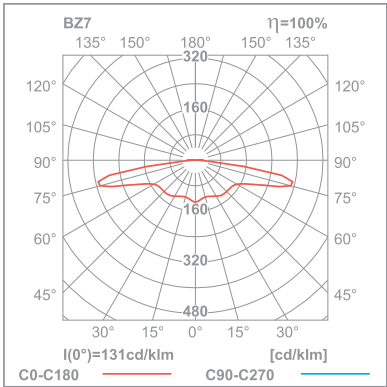
LEGEND:

ODB	Outdoor LED	AT	autotest
C	electronic gear for STANDARD self-contained fittings	RU	Rubic UNA central monitoring
B	electronic gear for PREMIUM self-contained fittings	FZLV	central battery FZLV 24 VDC
F	electronic gear for central battery fittings	FZLV2	central battery FZLV II 48 VDC
Z	electronic gear for addressable central battery fittings	CB	central battery version
SE	non maintained	CBS	central battery for circuit monitoring
SA	maintained	ADP	address module for CBS 1.0 – SMART technology
PT	manual test button	ADE	address module for CBS 2.0 – SMART technology
X	fitting without additional options	WH	white color
		BL	black color
		GR	grey color

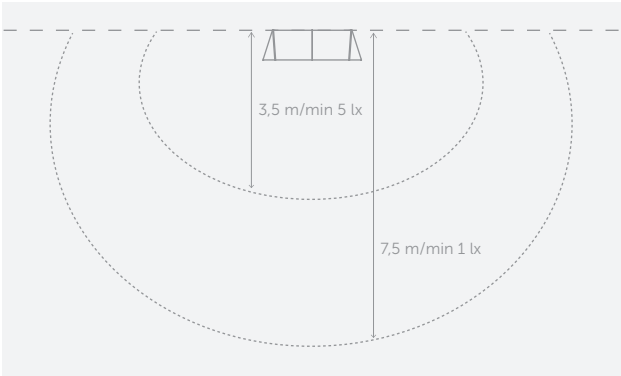
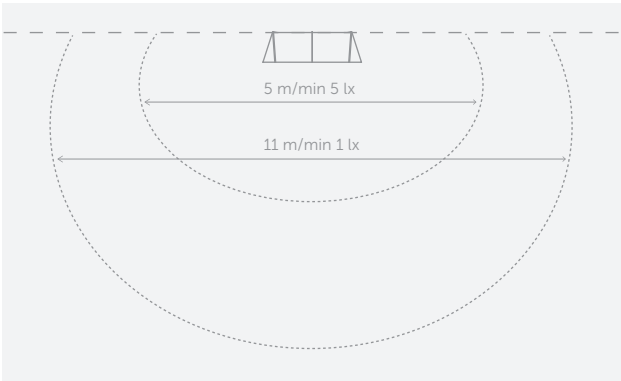
OUTDOOR LED EXAMPLE OF PHOTOMETRY



Optic for escape route



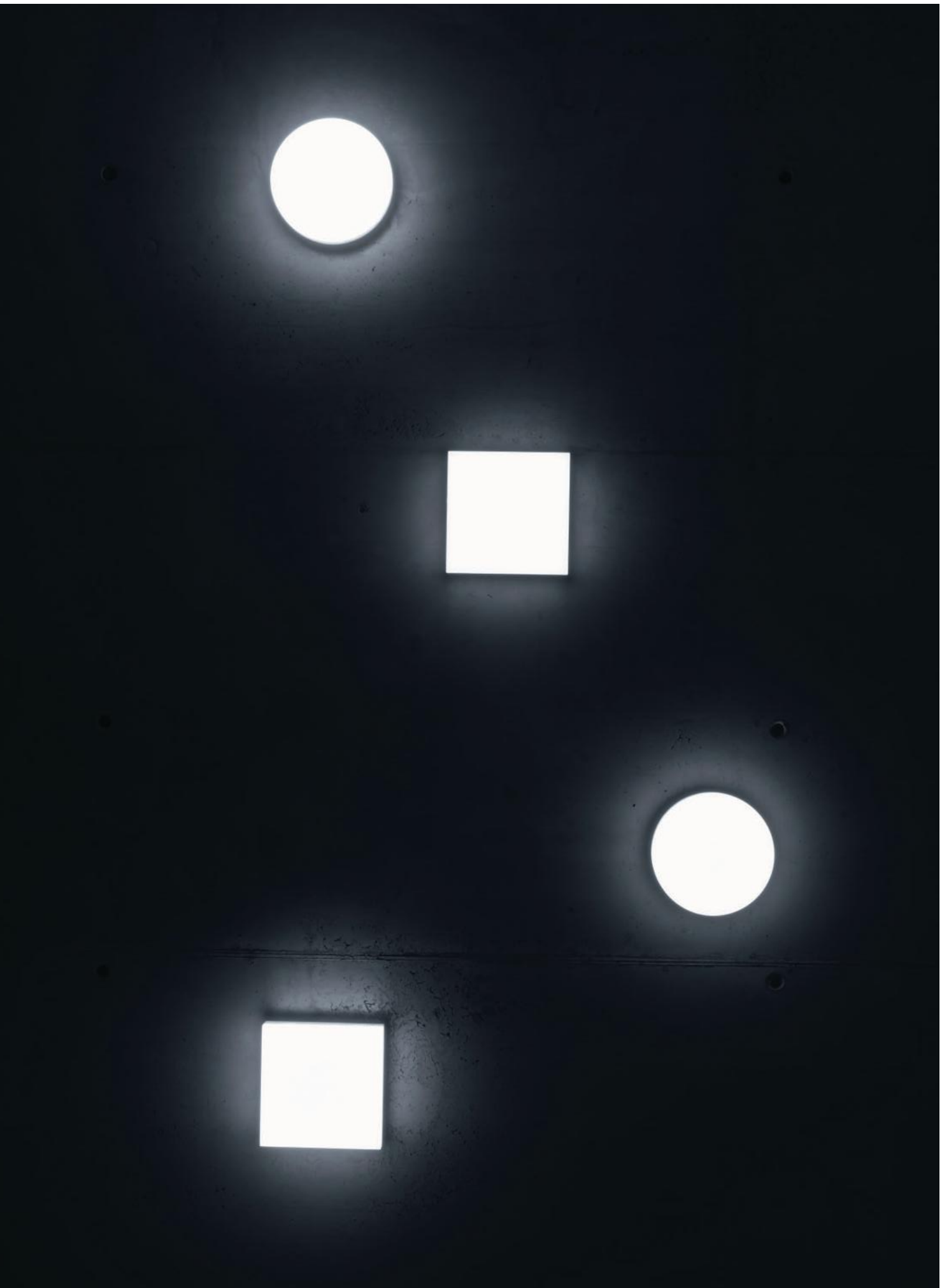
simulation for one luminaire and min 1 lx and 5 lx (area)



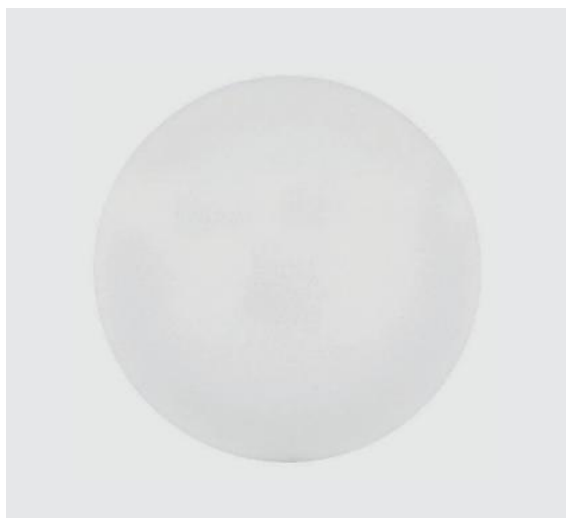


EDGE family





EDGE family



EDGE R

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EDGE S

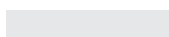
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Compact design

EDGE series is a new concept of main lighting luminaires in symbiosis with emergency lighting. It is designed for surface mounting to walls or ceilings inside buildings. The luminaire is made from high-quality components with different power/light source for both main and emergency lighting. Incorporated movement sensor makes it perfectly suitable for staircases, when power supply is from integrated battery, or centralised systems.

COLOURS

White



RAL 9003

CLOSE UP





EDGE R



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP54

IK10



MATERIALS

White polycarbonate body • Opal polycarbonate cover

MOUNTING

Surface

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE - MAINS MODE

Power: 12W, 18W, 24W LED
Color Temperature: 3000K, 4000K

LIGHT SOURCE - EMERGENCY MODE

Power: 1W, 3W LED
Color Temperature: 6500K

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II

IP & IK RATING

IP54, IK10

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C • t_a: -25°C ÷ 40°C – together with heater for low temperatures
Central battery: t_a: 0°C ÷ 50°C

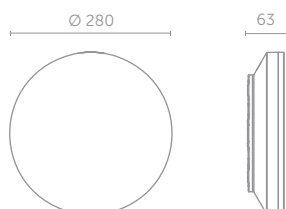
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection
• Optional fixtures with MCR motion sensor • Optional adaptation of the fixture for low temperatures up to -25°C with HTR 25

DIMENSIONS [mm]



MAINS MODE CONFIGURATION

CODE	DETECTION		COLOR TEMPERATURE (K)	
	WH	WS	3000	4000
	WH	WS	3000	4000
	WH	WS	3000	4000

SELF-CONTAINED CONFIGURATION

	CODE	POWER*	MODULE	AUTONOMY [h]		MODE		OPTIONS			DETECTION		COLOR TEMPERATURE (K)	
STANDARD	EDRE12 EDRE18 EDRE24	1W	E C	1	3	SE	SA	PT	AT	X	WH	WS	3000	4000
PREMIUM	EDRE12 EDRE18 EDRE24	3W	B	1	3	SE	SA	AT	RU	RW	WH	WS	3000	4000

CENTRAL BATTERY CONFIGURATION – NON-ADDRESSABLE

CODE	POWER*	MODULE	SYSTEM	OPTIONS		DETECTION		COLOR TEMPERATURE (K)	
EDRE12 EDRE18 EDRE24	1W	F	CB	CBS	X	WH		3000	4000
	3W	F	CB	CBS	X	WH		3000	4000
EDRE12 EDRE18 EDRE24	12W	X	CB	CBS	X	WH		3000	4000
	18W	X	CB	CBS	X	WH		3000	4000
	24W	X	CB	CBS	X	WH		3000	4000

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER*	MODULE	SYSTEM	OPTIONS		DETECTION		COLOR TEMPERATURE (K)	
EDRE12 EDRE18 EDRE24	1W	Z	CB	ADP	ADE	WH	WS	3000	4000
	3W	Z	CB	ADP	ADE	WH	WS	3000	4000
EDRE12 EDRE18 EDRE24	12W	X	CB	ADS	ADN	WH	WS	3000	4000
	18W	X	CB	ADS	ADN	WH	WS	3000	4000
	24W	X	CB	ADS	ADN	WH	WS	3000	4000

FZLV SYSTEM CONFIGURATION

CODE	POWER*	SYSTEM		DETECTION		COLOR TEMPERATURE (K)	
EDRE12 EDRE18 EDRE24	1W	FZLV	FZLV2	WH	WS	3000	4000
	3W	FZLV	FZLV2	WH	WS	3000	4000

* – power in emergency mode

LEGEND:

EDRE12	fitting EDGE R 12W in maintained mode	SE	LED emergency section - non maintained	CBS	central battery for circuit monitoring
EDRE18	fitting EDGE R 18W in maintained mode	SA	LED emergency section - maintained (night mode)	ADP	address module for CBS 1.0 – SMART technology
EDRE24	fitting EDGE R 24W in maintained mode	PT	manual test button	ADE	address module for CBS 2.0 – SMART technology
E, C	electronic gear for STANDARD self-contained fittings	X	fitting without additional options	ADN	address module for CBS 2.0 – SMART technology
B	electronic gear for PREMIUM self-contained fittings	AT	autotest	ADS	address module for CBS 1.0 – SMART technology
F	electronic gear for central battery fittings	RU	Rubic UNA central monitoring	WH	fitting without motion sensor MCR
Z	electronic gear for addressable central battery fittings	RW	Rubic UNA Wireless central monitoring	WS	fitting with motion sensor MCR
		FZLV	central battery FZLV 24 VDC		
		FZLV2	central battery FZLV II 48 VDC		
		CB	central battery version		

OUTPUT IN MAINS MODE [lm]

OUTPUT [lm]		
CODE	3000K	4000K
EDRE12 EDRE18 EDRE24	1550	1650
	2440	2600
	2860	3040

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]	
	POWER*	
STANDARD	1W	135
PREMIUM	3W	380

OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]			
POWER*	3000K	4000K	6500K
1W	X	X	145
3W	X	X	380
12W	1550	1650	X
18W	2440	2600	X
24W	2860	3040	X

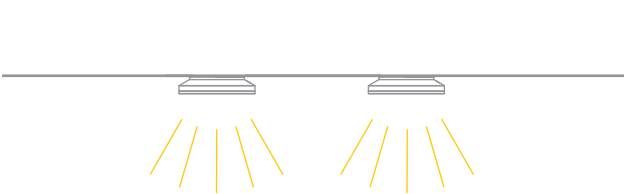
OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]			
POWER*	3000K	4000K	6500K
1W	X	X	145
3W	X	X	380
12W	1550	1650	X
18W	2440	2600	X
24W	2860	3040	X

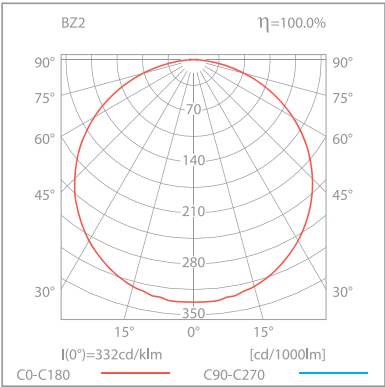
OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]			
POWER*	3000K	4000K	6500K
1W	X	X	145
3W	X	X	380

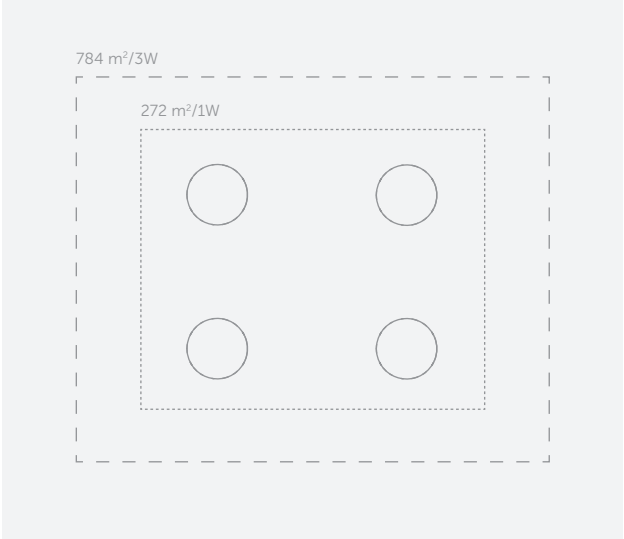
EDGE R EXAMPLE OF PHOTOMETRY

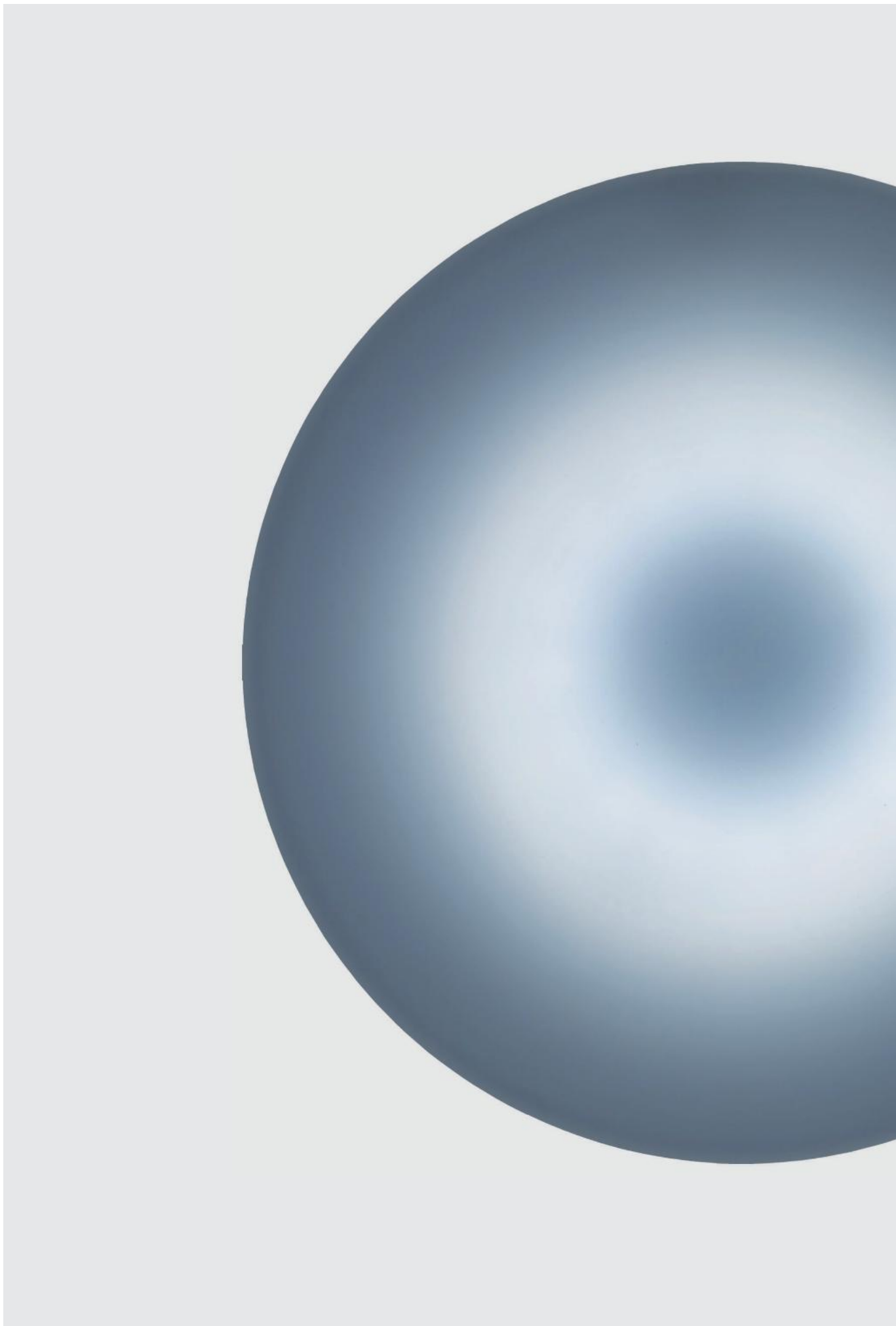


Optic O for open area



simulation for four luminaires and min 0,5 lx (area)





EDGE S



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP54

IK8



MATERIALS

White polycarbonate body • Opal polycarbonate cover

MOUNTING

Surface • Optionally recessed⁽¹⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE - MAINS MODE

Power: 12W, 18W, 24W LED
Color Temperature: 3000K, 4000K

LIGHT SOURCE - EMERGENCY MODE

Power: 1W, 3W LED
Color Temperature: 6500K

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II

IP & IK RATING

IP54, IK8

AMBIENT TEMPERATURE

Self-contained: t_a : 0°C ÷ 40°C • t_a : -25°C ÷ 40°C – together with heater for low temperatures
Central battery: t_a : 0°C ÷ 50°C

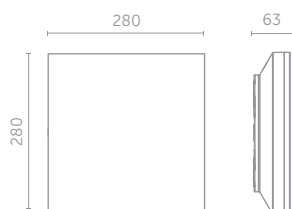
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • Optional fixtures with MCR motion sensor • Optional adaptation of the fixture for low temperatures up to -25°C with HTR 25 • ⁽¹⁾ see accessory for recessed mounting, RW option not available

DIMENSIONS [mm]



MAINS MODE CONFIGURATION

CODE	DETECTION		COLOR TEMPERATURE (K)	
	WH	WS	3000	4000
	WH	WS	3000	4000

SELF-CONTAINED CONFIGURATION

	CODE	POWER*	MODULE	AUTONOMY [h]		MODE		OPTIONS			DETECTION		COLOR TEMPERATURE (K)	
STANDARD	EDSE12 EDSE18 EDSE24	1W	E C	1	3	SE	SA	PT	AT	X	WH	WS	3000	4000
PREMIUM	EDSE12 EDSE18 EDSE24	3W	B	1	3	SE	SA	AT	RU	RW	WH	WS	3000	4000

CENTRAL BATTERY CONFIGURATION – NON-ADDRESSABLE

CODE	POWER*	MODULE	SYSTEM	OPTIONS		DETECTION		COLOR TEMPERATURE (K)	
EDSE12 EDSE18 EDSE24	1W	F	CB	CBS	X	WH		3000	4000
	3W	F	CB	CBS	X	WH		3000	4000
EDSE12 EDSE18 EDSE24	12W	X	CB	CBS	X	WH		3000	4000
	18W	X	CB	CBS	X	WH		3000	4000
	24W	X	CB	CBS	X	WH		3000	4000

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER*	MODULE	SYSTEM	OPTIONS		DETECTION		COLOR TEMPERATURE (K)	
EDSE12 EDSE18 EDSE24	1W	Z	CB	ADP	ADE	WH	WS	3000	4000
	3W	Z	CB	ADP	ADE	WH	WS	3000	4000
EDSE12 EDSE18 EDSE24	12W	X	CB	ADS	ADN	WH	WS	3000	4000
	18W	X	CB	ADS	ADN	WH	WS	3000	4000
	24W	X	CB	ADS	ADN	WH	WS	3000	4000

FZLV SYSTEM CONFIGURATION

CODE	POWER*	SYSTEM		DETECTION		COLOR	
EDSE12 EDSE18 EDSE24	1W	FZLV	FZLV2	WH	WS	3000	4000
	3W	FZLV	FZLV2	WH	WS	3000	4000

* – power in emergency mode

LEGEND:

EDSE12	fitting EDGE S 12W in maintained mode	SE	LED emergency section - non maintained	CBS	central battery for circuit monitoring
EDSE18	fitting EDGE S 18W in maintained mode	SA	LED emergency section - maintained (night mode)	ADP	address module for CBS 1.0 – SMART technology
EDSE24	fitting EDGE S 24W in maintained mode	PT	manual test button	ADE	address module for CBS 2.0 – SMART technology
E, C	electronic gear for STANDARD self-contained fittings	X	fitting without additional options	ADN	address module for CBS 2.0 – SMART technology
B	electronic gear for PREMIUM self-contained fittings	AT	autotest	ADS	address module for CBS 1.0 – SMART technology
F	electronic gear for central battery fittings	RU	Rubic UNA central monitoring	WH	fitting without motion sensor MCR
Z	electronic gear for addressable central battery fittings	RW	Rubic UNA Wireless central monitoring	WS	fitting with motion sensor MCR
		FZLV	central battery FZLV 24 VDC		
		FZLV2	central battery FZLV II 48 VDC		
		CB	central battery version		

OUTPUT IN MAINS MODE [lm]

OUTPUT [lm]		
CODE	3000K	4000K
EDSE12	1550	1650
EDSE18	2440	2600
EDSE24	2860	3040

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]	
	POWER*	
STANDARD	1W	135
PREMIUM	3W	380

OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]			
POWER*	3000K	4000K	6500K
1W	X	X	145
3W	X	X	380
12W	1550	1650	X
18W	2440	2600	X
24W	2860	3040	X

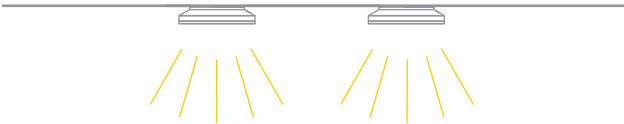
OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]			
POWER*	3000K	4000K	6500K
1W	X	X	145
3W	X	X	380
12W	1550	1650	X
18W	2440	2600	X
24W	2860	3040	X

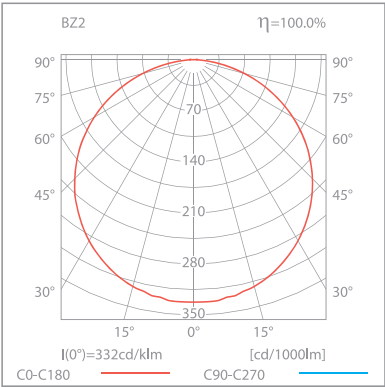
OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]			
POWER*	3000K	4000K	6500K
1W	X	X	145
3W	X	X	380

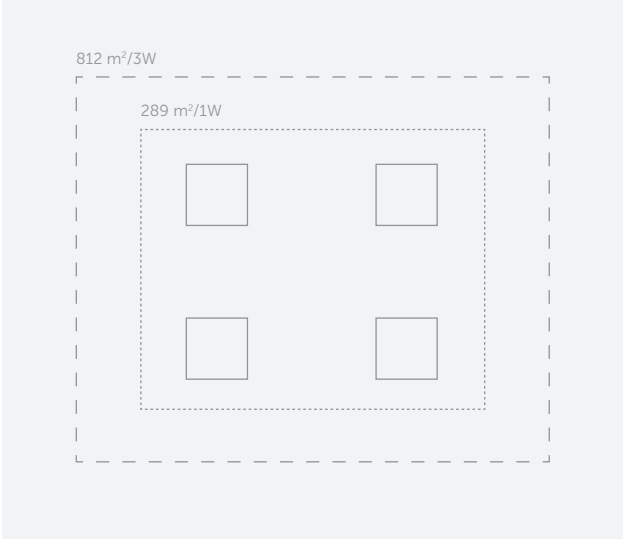
EDGE S EXAMPLE OF PHOTOMETRY

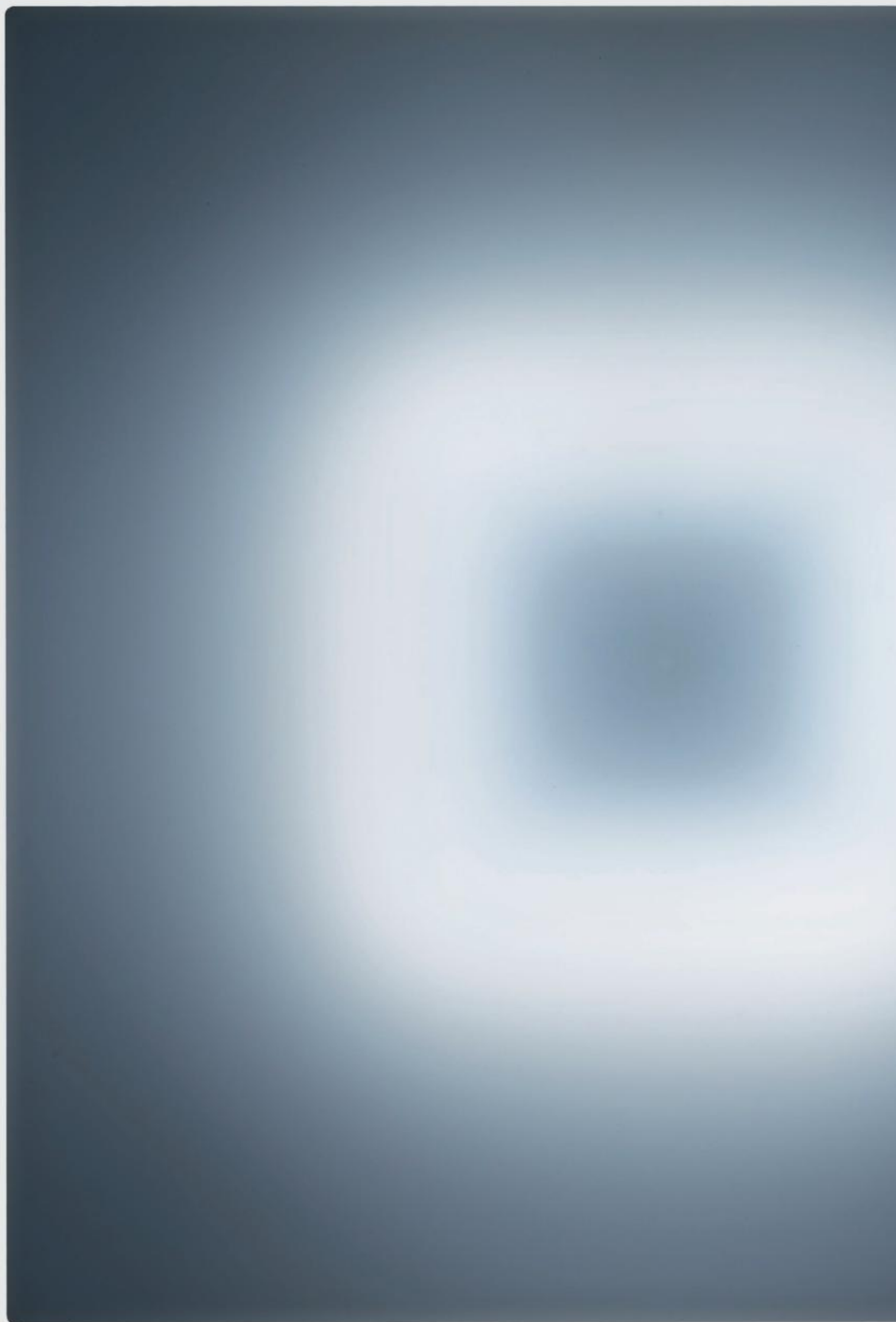


Optic for open area



simulation for four luminaires and min 0,5 lx (area)





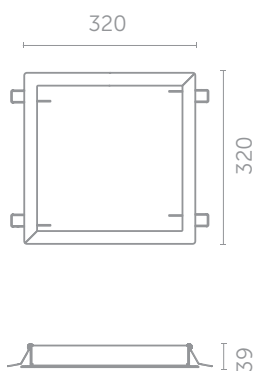
EDGE accessories



ACCESSORY FOR RECESSED MOUNTING

CODE: EDSE/REC

DIMENSIONS [mm]

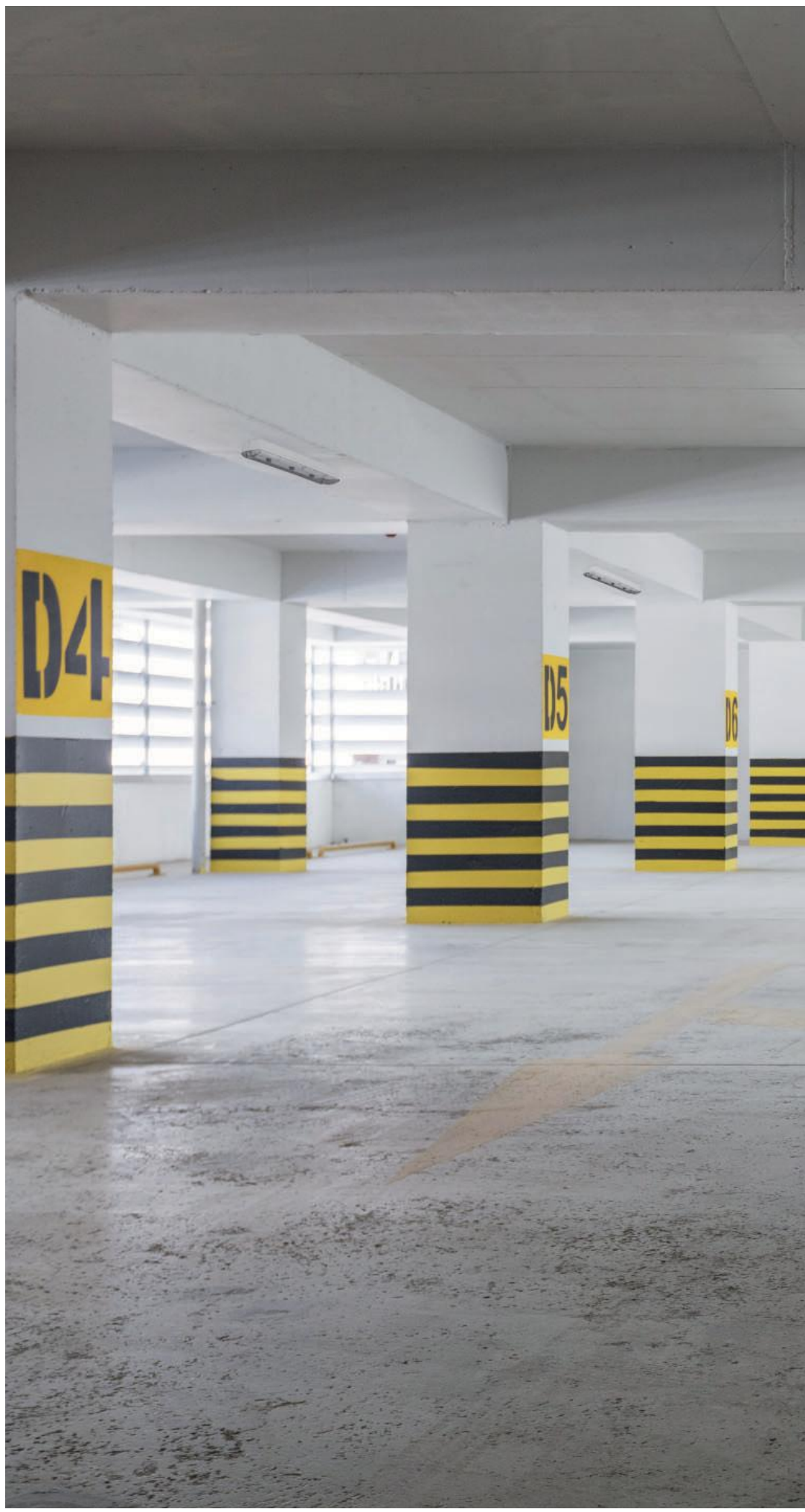


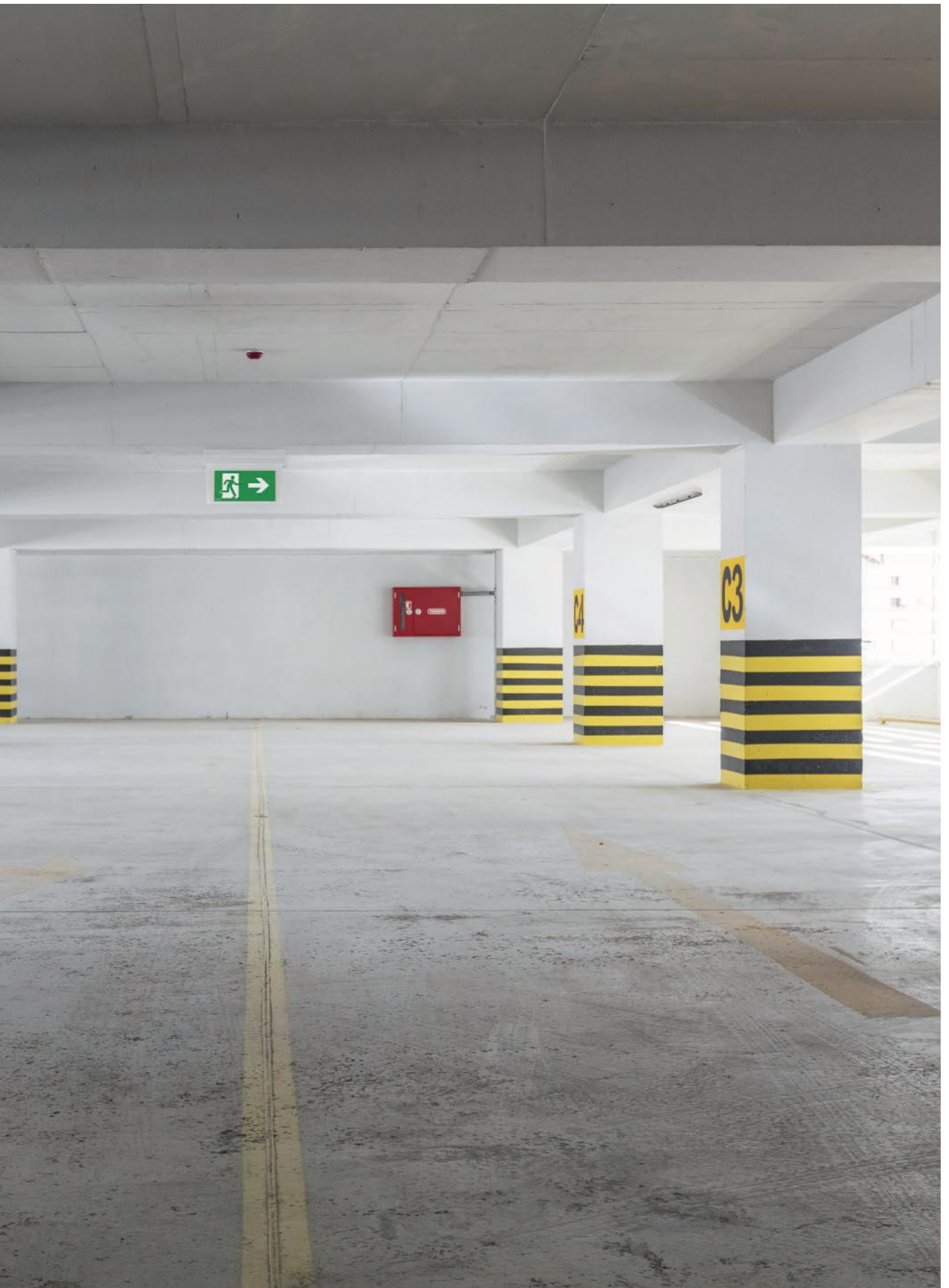
FITS TO EDGE S





HELIOS LED family





HELIOS LED family



HELIOS LED

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HELIOS LED

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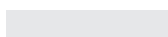


HELIOS DS LED

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COLOURS

White



RAL 9003

CLOSE UP



Solid construction

HELIOS series is a type of emergency or escape-sign luminaires designed for surface mounting, with ceiling/wall/ceiling pipe bracket, protected with wire guard (to get IK10). It was developed to meet the needs of the most demanding installations. The luminaire is made of high-quality components using highly efficient light sources so that it is characterised by above-average parameters in terms of luminous flux. High ingress protection IP65 and a variety of led light sources (different lumen output) make it ideal choice for large industrial areas, warehouses with high ceiling, parking areas, tunnels, for both showing way out from site or lighting it.

In addition, with the use of heater HTR-25 system made by AWEX, the HELIOS LED luminaire is suitable for difficult environmental conditions (low temperatures).



HELIOS LED



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

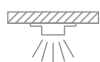
DC
48V

LED

IP42

IP65

IK8



KM 618355
BS-EN 60598-2-22

MATERIALS

White polycarbonate body • Transparent polycarbonate cover

MOUNTING

Surface

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W, 3W, 4W, 3x1W, 6x1W LED

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP42 or IP65, IK8

AMBIENT TEMPERATURE

Self-contained: t_a : 0°C ÷ 40°C • t_a : -25°C ÷ 40°C – together with heater for low temperatures
Central battery: t_a : -25°C ÷ 50°C

OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU
– Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV
– central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • 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 with HTR 25
• III class of insulation of FZLV and FZLV2 version

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COVER		POWER	OUTPUT [lm]
STANDARD	HWM HWEM	1W	E C	1	3	SE	SA	PT	AT	X	TR	STANDARD	1W	165
		2W	E C	1	3	SE	SA	PT	AT	X	TR		2W	255
		3W	E C	1	3	SE	SA	PT	AT	X	TR		3W	395
	HWD HWED	3x1W	E C	1	3	SE	SA	PT	AT	X	TR		3x1W	395
	HHP	6x1W*	B	1	3	SE	SA	PT	AT	X	TR		6x1W	920
PREMIUM	HWM HWEM	1W	B	1	3	SE	SA	AT	RU	RW	TR	PREMIUM	1W	175
		2W	B	1	3	SE	SA	AT	RU	RW	TR		2W	310
		3W	B	1	3	SE	SA	AT	RU	RW	TR		3W	410
	HWD HWED	3x1W	B	1	3	SE	SA	AT	RU	RW	TR		3x1W	410
	HHP	4W	B	1	3	SE	SA	AT	RU	RW	TR		4W	560
		6x1W*	B	1	3	SE	SA	AT	RU	RW	TR		6x1W	920

* power in emergency mode

LEGEND:

HWM	fixture Helios IP65, regular application
HWEM	fixture Helios IP42, regular application
HWD	fixture Helios IP65, narrow beam optics
HWED	fixture Helios IP42, narrow beam optics
HHP	fixture Helios IP65 6x1W, double height areas
E, C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
RW	Rubic UNA Wireless central monitoring
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
CBS	central battery for circuit monitoring
ADP	address module for CBS 1.0 – SMART technology
ADE	address module for CBS 2.0 – SMART technology
TR	transparent polycarbonate cover

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COVER	POWER	OUTPUT [lm]
HWM HWEM	1W	F	CB	CBS	X	TR	1W	175
	2W	F	CB	CBS	X	TR	2W	310
	3W	F	CB	CBS	X	TR	3W	410
HWD HWED	3x1W	F	CB	CBS	X	TR	3x1W	410
HHP	4W	F	CB	CBS	X	TR	4W	560
	6x1W	F	CB	CBS	X	TR	6x1W	920

OUTPUT IN EMERGENCY MODE [lm]

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COVER	POWER	OUTPUT [lm]
HWM HWEM	1W	Z	CB	ADE	ADP	TR	1W	175
	2W	Z	CB	ADE	ADP	TR	2W	310
	3W	Z	CB	ADE	ADP	TR	3W	410
HWD HWED	3x1W	Z	CB	ADE	ADP	TR	3x1W	410
HHP	4W	Z	CB	ADE	ADP	TR	4W	560
	6x1W	Z	CB	ADE	ADP	TR	6x1W	920

OUTPUT IN EMERGENCY MODE [lm]

FZLV SYSTEM CONFIGURATION

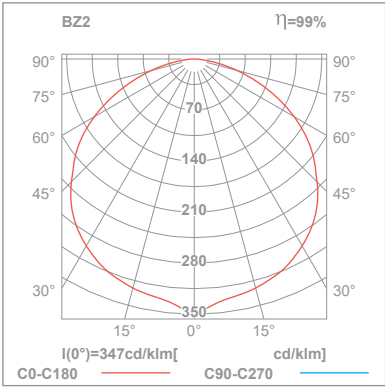
CODE	POWER	SYSTEM	COVER	POWER	OUTPUT [lm]
HWM HWEM	1W	FZLV	FZLV2	1W	175
	2W	FZLV	FZLV2	2W	310
	3W	FZLV	FZLV2	3W	410
HWD HWED	3x1W	FZLV	FZLV2	3x1W	410
HHP	4W	FZLV2		4W	560
	6x1W	FZLV	FZLV2	6x1W	920

OUTPUT IN EMERGENCY MODE [lm]

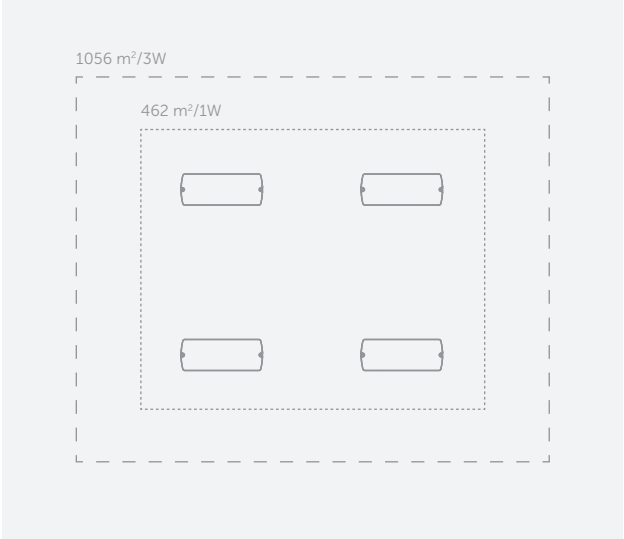
HELIOS LED EXAMPLE OF PHOTOMETRY



Optic for open area



simulation for four luminaires and min 0,5 lx (area)



HELIOS LED

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP42

IP65

IK8



d=25m



KM 618355
BS-EN 60598-2-22

MATERIALS

White polycarbonate body • Opal polycarbonate cover

MOUNTING

Surface • Optionally wall or ceiling bracket ⁽¹⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W LED

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP42 or IP65, IK8

VIEWING DISTANCE

25 m

VIEWING METHOD

One-sided

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C • t_a: -25°C ÷ 40°C – together with heater for low temperatures
Central battery: t_a: -25°C ÷ 50°C

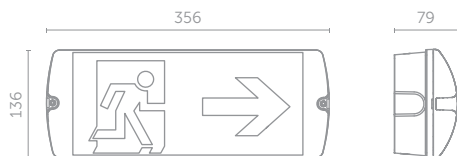
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU
– Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV
– central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • 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 with HTR 25 • III class of insulation of FZLV and FZLV2 version • ⁽¹⁾ see accessory bracket • ⁽²⁾ 1pc of universal pictogram is included in each single box

DIMENSIONS [mm]



⁽²⁾ pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COVER
STANDARD	HL HEL	1W	E C	1	3	SE	SA	PT	AT	X	OP
		2W	E C	1	3	SE	SA	PT	AT	X	OP
PREMIUM	HL HEL	1W	B	1	3	SE	SA	AT	RU	RW	OP
		2W	B	1	3	SE	SA	AT	RU	RW	OP

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COVER
HL HEL	1W	F	CB	CBS	X	OP
	2W	F	CB	CBS	X	OP

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COVER
HL HEL	1W	Z	CB	ADE	ADP	OP
	2W	Z	CB	ADE	ADP	OP

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COVER
HL HEL	1W	FZLV	FZLV2	OP
	2W	FZLV	FZLV2	OP

LEGEND:

HEL	fixture HELIOS LED IP42
HL	fixture HELIOS LED IP65
E, C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
RW	Rubic UNA Wireless central monitoring
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
CBS	central battery for circuit monitoring
ADP	address module for CBS 1.0 – SMART technology
ADE	address module for CBS 2.0 – SMART technology
OP	opal polycarbonate cover



HELIOS DS LED

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP42

IP65

IK8



d=25m



Ni-Cd

LiFePO₄



KM 618355
BS-EN 60598-2-22

MATERIALS

White polycarbonate body • Opal polycarbonate cover

MOUNTING

Surface • Optionally wall or ceiling bracket ⁽¹⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W LED

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP42 or IP65, IK8

VIEWING DISTANCE

25 m

VIEWING METHOD

Double-sided

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C • t_a: -25°C ÷ 40°C – together with heater for low temperatures
Central battery: t_a: -25°C ÷ 50°C

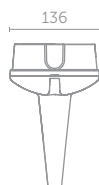
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • 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 with HTR 25 • III class of insulation of FZLV and FZLV2 version • III class of insulation of FZLV and FZLV2 version • ⁽¹⁾ see accessory bracket • ⁽²⁾ 1pc of universal pictogram is included in each single box

DIMENSIONS [mm]



⁽²⁾ pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COVER
STANDARD	HDL HDEL	1W	E C	1	3	SE	SA	PT	AT	X	OP
		2W	E C	1	3	SE	SA	PT	AT	X	OP
PREMIUM	HDL HDEL	1W	B	1	3	SE	SA	AT	RU	RW	OP
		2W	B	1	3	SE	SA	AT	RU	RW	OP

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COVER
HDL HDEL	1W	F	CB	CBS	X	OP
	2W	F	CB	CBS	X	OP

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COVER
HDL HDEL	1W	Z	CB	ADE	ADP	OP
	2W	Z	CB	ADE	ADP	OP

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COVER
HDL HDEL	1W	FZLV	FZLV2	OP
	2W	FZLV	FZLV2	OP

LEGEND:

HDEL	fixture HELIOS DS LED IP42
HDL	fixture HELIOS DS LED IP65
E, C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
RW	Rubic UNA Wireless central monitoring
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
CBS	central battery for circuit monitoring
ADP	address module for CBS 1.0 – SMART technology
ADE	address module for CBS 2.0 – SMART technology
OP	opal polycarbonate cover



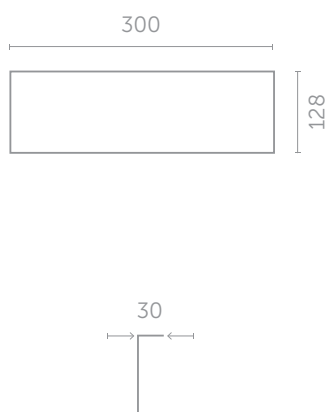
HELIOS LED accessories



CEILING BRACKET

CODE: 1902

DIMENSIONS [mm]



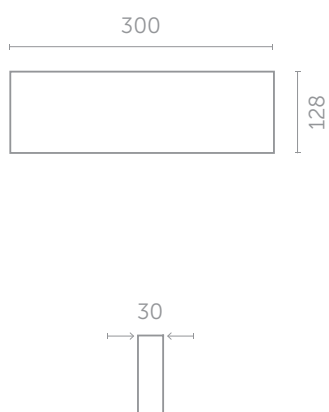
FITS TO HELIOS LED



WALL BRACKET

CODE: 1901

DIMENSIONS [mm]



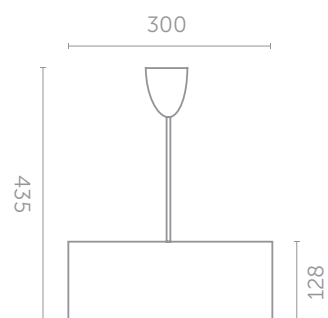
FITS TO HELIOS LED



CEILING BRACKET WITH PIPE

CODE: 2944

DIMENSIONS [mm]



FITS TO HELIOS LED

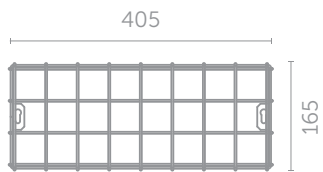




WIRE GUARD

CODE: 1003

DIMENSIONS [mm]

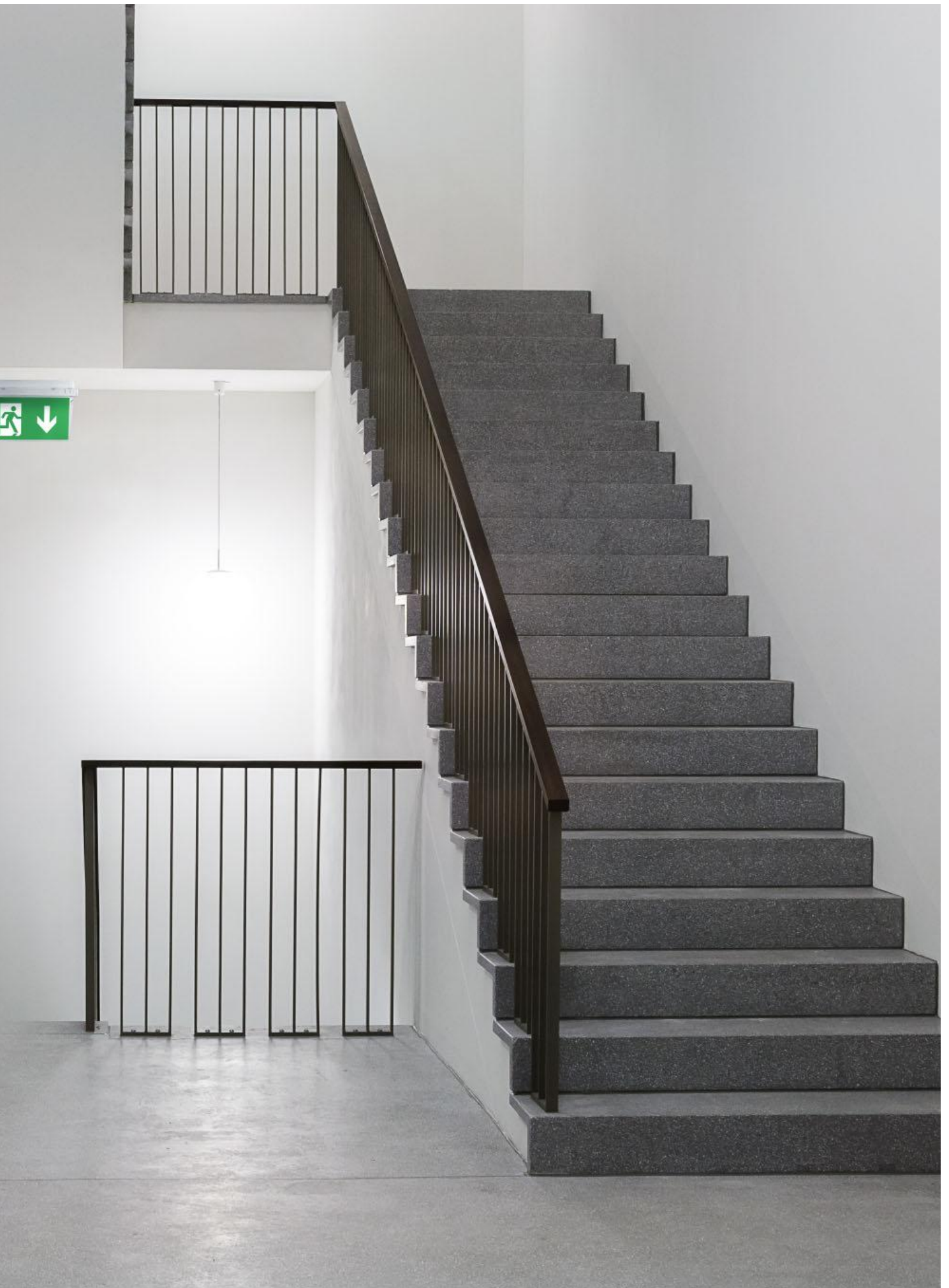


FITS TO HELIOS LED



EXIT family





EXIT family



EXIT S

p. 162



EXIT S

p. 166



EXIT M

p. 170



EXIT M

p. 174



EXIT L

p. 178



EXIT L

p. 182

One design for multiple application

EXIT series is a conventional emergency or escape-sign luminaire designed for variety of installation like surface, flush, wall/ceiling (with wire guard), ceiling-pipe mounting. Its minimalist design and maximum functionality make it ideal for use both inside and outside buildings. The luminaire is made of high-quality components so that it is characterised by above-average parameters in terms of luminous flux. In addition, with the use of heater HTR-25 system made by AWEX, the EXIT luminaire is suitable for difficult environmental conditions like cold warehouses, mechanical/electrical rooms, kitchens, laundry/washrooms.



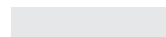
COLOURS

Black



RAL 9005

White



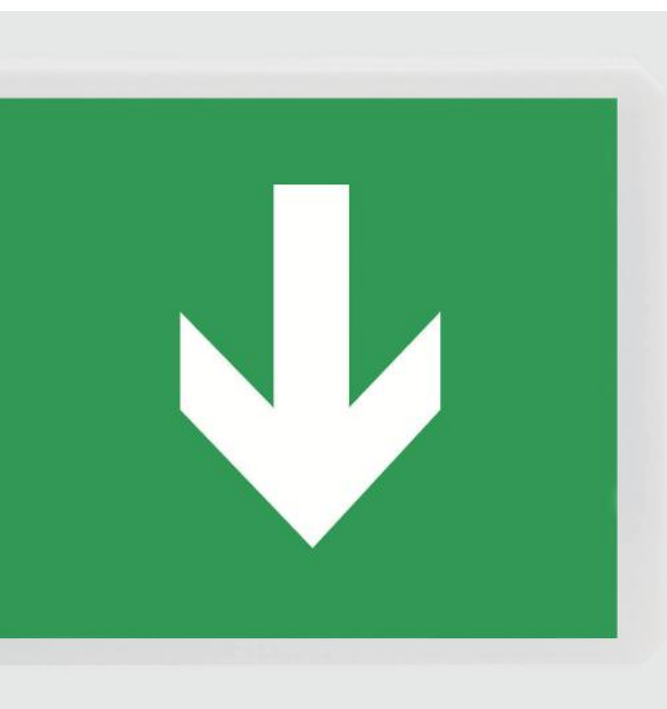
RAL 9003

Grey



RAL 7045

CLOSE UP



EXIT S

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP65

IK8



KM 618355
BS-EN 60598-2-22



MATERIALS

White, grey or black polycarbonate body • Transparent polycarbonate cover

MOUNTING

Surface • Optionally recessed⁽¹⁾ • Optionally pendant⁽²⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W, 3W LED
Optics: U – universal • R – escape route

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP65, IK8

AMBIENT TEMPERATURE

Self-contained: t_a : 0°C ÷ 40°C • t_a : -25°C ÷ 40°C – together with heater for low temperatures
Central battery: t_a : -25°C ÷ 50°C

OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • 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 with HTR 25 • III class of insulation of FZLV and FZLV2 version • ⁽¹⁾ see accessory for recessed mounting, RW option not available • ⁽²⁾ see accessory for pendant mounting

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR		
STANDARD	ETS ETSR ETSU	1W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
		2W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
PREMIUM	ETS ETSR ETSU	1W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL
		3W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]			
	POWER	ETS	ETSR	ETSU
STANDARD	1W	170	170	170
	2W	270	270	305
PREMIUM	1W	175	175	180
	2W	335	335	340
	3W	410	410	430

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
ETS ETSR ETSU	1W	F	CB	CBS	X	WH	GR	BL
	2W	F	CB	CBS	X	WH	GR	BL
	3W	F	CB	CBS	X	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]			
	POWER	ETS	ETSR	ETSU
1W	175	175	180	
2W	335	335	340	
3W	410	410	430	

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
ETS ETSR ETSU	1W	Z	CB	ADE	ADP	WH	GR	BL
	2W	Z	CB	ADE	ADP	WH	GR	BL
	3W	Z	CB	ADE	ADP	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]			
	POWER	ETS	ETSR	ETSU
1W	175	175	180	
2W	335	335	340	
3W	410	410	430	

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR		
ETS ETSR ETSU	1W	FZLV	FZLV2	WH	GR	BL
	2W	FZLV	FZLV2	WH	GR	BL
	3W	FZLV	FZLV2	WH	GR	BL

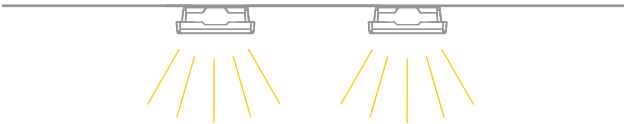
OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]			
	POWER	ETS	ETSR	ETSU
1W	175	175	180	
2W	335	335	340	
3W	410	410	430	

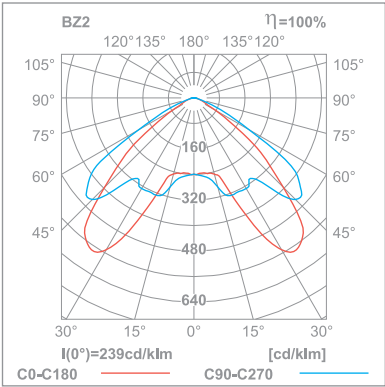
LEGEND:

ETS	fixture EXIT S	AT	autotest
ETSU	fixture EXIT S with universal optics	RU	Rubic UNA central monitoring
ETSR	fixture EXIT S with optics for escape route	RW	Rubic UNA Wireless central monitoring
E, C	electronic gear for STANDARD self-contained fittings	FZLV	central battery FZLV 24 VDC
B	electronic gear for PREMIUM self-contained fittings	FZLV2	central battery FZLV II 48 VDC
F	electronic gear for central battery fittings	CB	central battery version
Z	electronic gear for addressable central battery fittings	CBS	central battery for circuit monitoring
SE	non maintained	ADP	address module for CBS 1.0 – SMART technology
SA	maintained	ADE	address module for CBS 2.0 – SMART technology
PT	manual test button	WH	white color
X	fitting without additional options	GR	grey color
		BL	black color

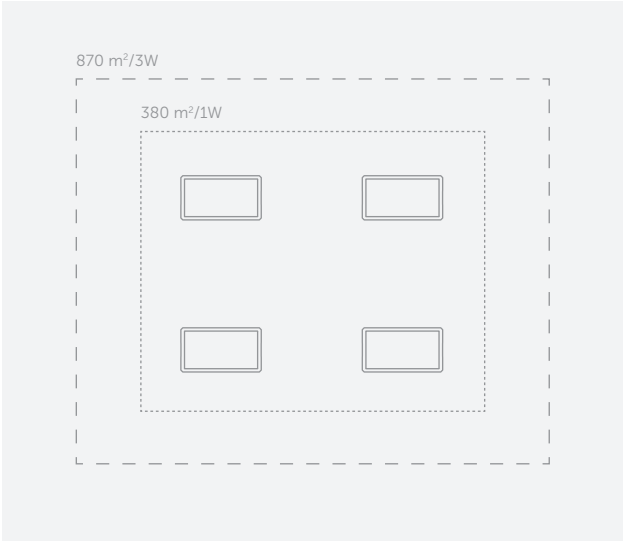
EXIT S EXAMPLE OF PHOTOMETRY



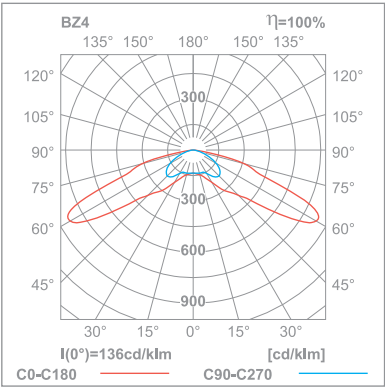
Optic U for open area



simulation for four luminaires and min 0,5 lx (area)



Optic R for escape route



simulation for two luminaires and min 1 lx (distance)





EXIT S

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP65

IK8



d=20m



Ni-Cd

LiFePO₄



KM 618355
BS-EN 60598-2-22



MATERIALS

White, grey or black polycarbonate body • Transparent or opal polycarbonate cover • Plexi glass

MOUNTING

Surface • Optionally recessed⁽¹⁾ • Optionally pendant⁽²⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W LED

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP65, IK8

VIEWING DISTANCE

20 m

VIEWING METHOD

Single sided or double-sided⁽³⁾

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C • t_b: -25°C ÷ 40°C – together with heater for low temperatures
Central battery: t_a: -25°C ÷ 50°C

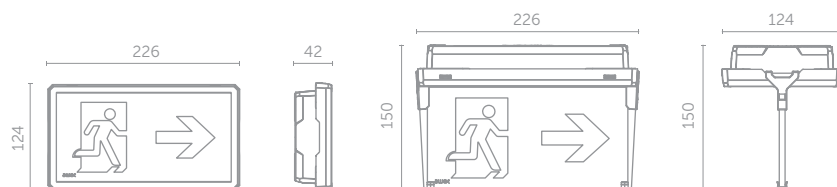
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • 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 with HTR 25 • III class of insulation of FZLV and FZLV2 version • ⁽¹⁾ see accessory for recessed mounting, RW option not available • ⁽²⁾ see accessory for pendant mounting • ⁽³⁾ see accessory for two-sided pictogram
• ⁽⁴⁾ 1pc of universal pictogram is included in each single box

DIMENSIONS [mm]



⁽⁴⁾ pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR			COVER	
STANDARD	ETS	1W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL	TR	OP
		2W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL	TR	OP
PREMIUM	ETS	1W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL	TR	OP
		2W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL	TR	OP

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR			COVER	
ETS	1W	F	CB	CBS	X	WH	GR	BL	TR	OP
	2W	F	CB	CBS	X	WH	GR	BL	TR	OP

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR			COVER	
ETS	1W	Z	CB	ADE	ADP	WH	GR	BL	TR	OP
	2W	Z	CB	ADE	ADP	WH	GR	BL	TR	OP

FZLV SYSTEM CONFIGURATION

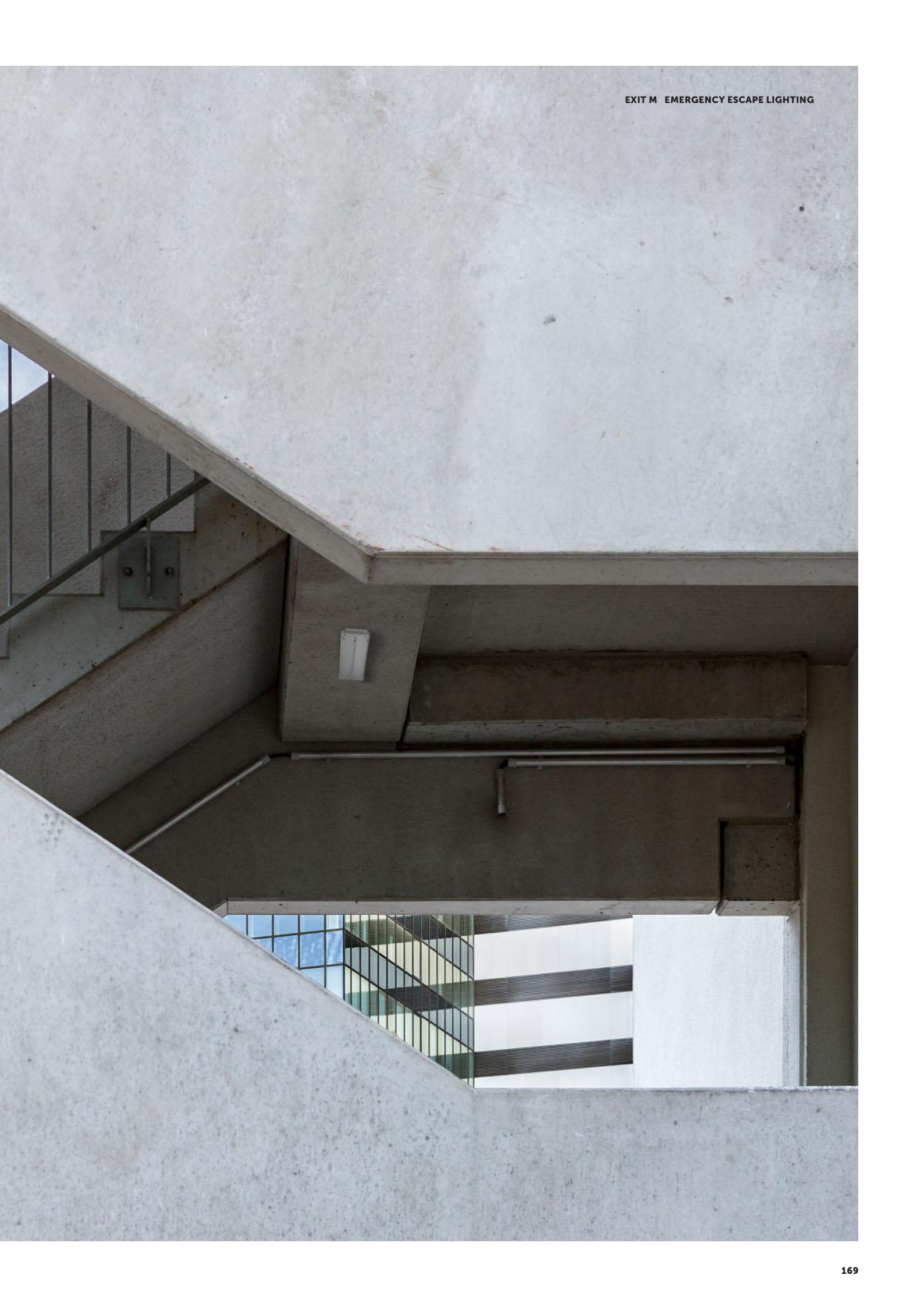
CODE	POWER	SYSTEM		COLOR			COVER	
ETS	1W	FZLV	FZLV2	WH	GR	BL	TR	OP
	2W	FZLV	FZLV2	WH	GR	BL	TR	OP

LEGEND:

ETS	fixture EXIT S
E, C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
RW	Rubic UNA Wireless central monitoring
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
CBS	central battery for circuit monitoring
ADP	address module for CBS 1.0 – SMART technology
ADE	address module for CBS 2.0 – SMART technology
WH	white color
GR	grey color
BL	black color
TR	transparent polycarbonate cover
OP	opal polycarbonate cover







EXIT M

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP65

IK8



KM 618355
BS-EN 60598-2-22



MATERIALS

White, grey or black polycarbonate body • Transparent polycarbonate cover

MOUNTING

Surface • Optionally recessed⁽¹⁾ • Optionally pendant⁽²⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W, 3W LED

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP65, IK8

AMBIENT TEMPERATURE

Self-contained: t_a : 0°C ÷ 40°C • t_a : -25°C ÷ 40°C – together with heater for low temperatures
Central battery: t_a : -25°C ÷ 50°C

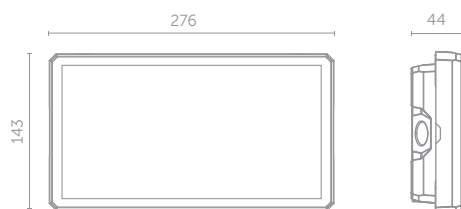
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • 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 with HTR 25 • III class of insulation of FZLV and FZLV2 version • ⁽¹⁾ see accessory for recessed mounting, RW option not available • ⁽²⁾ see accessory for pendant mounting

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR		
STANDARD	ETE	1W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
		2W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
		3W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
PREMIUM	ETE	1W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL
		3W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]	
	POWER	ETE
STANDARD	1W	170
	2W	285
	3W	395
PREMIUM	1W	175
	2W	340
	3W	410

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
ETE	1W	F	CB	CBS	X	WH	GR	BL
	2W	F	CB	CBS	X	WH	GR	BL
	3W	F	CB	CBS	X	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]	
	POWER	ETE
1W	175	
2W	340	
3W	410	

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
ETE	1W	Z	CB	ADE	ADP	WH	GR	BL
	2W	Z	CB	ADE	ADP	WH	GR	BL
	3W	Z	CB	ADE	ADP	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]	
	POWER	ETE
1W	175	
2W	340	
3W	410	

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR		
ETE	1W	FZLV	FZLV2	WH	GR	BL
	2W	FZLV	FZLV2	WH	GR	BL
	3W	FZLV	FZLV2	WH	GR	BL

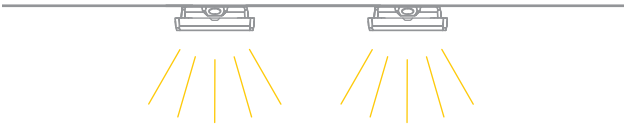
OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]	
	POWER	ETE
1W	175	
2W	340	
3W	410	

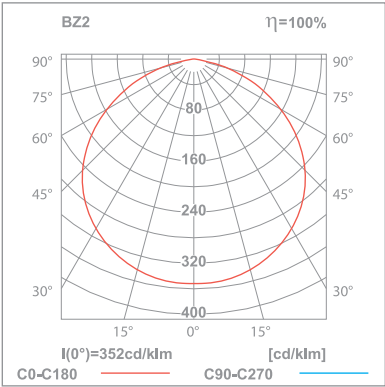
LEGEND:

ETE	fixture EXIT M	RU	Rubic UNA central monitoring
E, C	electronic gear for STANDARD self-contained fittings	RW	Rubic UNA Wireless central monitoring
B	electronic gear for PREMIUM self-contained fittings	FZLV	central battery FZLV 24 VDC
F	electronic gear for central battery fittings	FZLV2	central battery FZLV II 48 VDC
Z	electronic gear for addressable central battery fittings	CB	central battery version
SE	non maintained	CBS	central battery for circuit monitoring
SA	maintained	ADP	address module for CBS 1.0 – SMART technology
PT	manual test button	ADE	address module for CBS 2.0 – SMART technology
X	fitting without additional options	WH	white color
AT	autotest	GR	grey color
		BL	black color

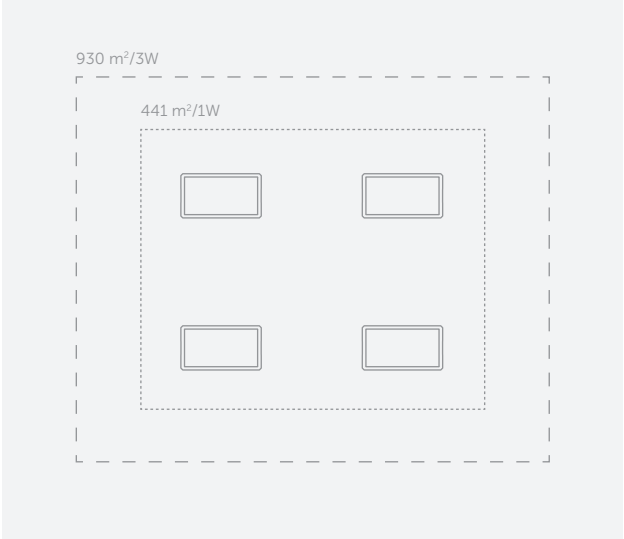
EXIT M EXAMPLE OF PHOTOMETRY



Optic for open area



simulation for four luminaires and min 0,5 lx (area)





EXIT M

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP65

IK8



d=25mm



Ni-Cd

LiFePO₄



KM 618355
BS-EN 60598-2-22



MATERIALS

White, grey or black polycarbonate body • Transparent or opal polycarbonate cover • Plexi glass

MOUNTING

Surface • Optionally recessed⁽¹⁾ • Optionally pendant⁽²⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W LED

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP65, IK8

VIEWING DISTANCE

25 m

VIEWING METHOD

Single sided or double-sided⁽³⁾

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C • t_b: -25°C ÷ 40°C – together with heater for low temperatures
Central battery: t_a: -25°C ÷ 50°C

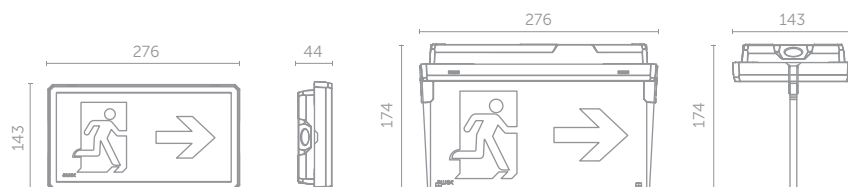
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • 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 with HTR 25 • III class of insulation of FZLV and FZLV2 version • ⁽¹⁾ see accessory for recessed mounting, RW option not available • ⁽²⁾ see accessory for pendant mounting • ⁽³⁾ see accessory for two-sided pictogram
• ⁽⁴⁾ 1pc of universal pictogram is included in each single box

DIMENSIONS [mm]



⁽⁴⁾ pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR			COVER	
STANDARD	ETE	1W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL	TR	OP
		2W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL	TR	OP
PREMIUM	ETE	1W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL	TR	OP
		2W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL	TR	OP

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR			COVER	
ETE	1W	F	CB	CBS	X	WH	GR	BL	TR	OP
	2W	F	CB	CBS	X	WH	GR	BL	TR	OP

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR			COVER	
ETE	1W	Z	CB	ADE	ADP	WH	GR	BL	TR	OP
	2W	Z	CB	ADE	ADP	WH	GR	BL	TR	OP

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR			COVER	
ETE	1W	FZLV	FZLV2	WH	GR	BL	TR	OP
	2W	FZLV	FZLV2	WH	GR	BL	TR	OP

LEGEND:

ETE	fixture EXIT M
E, C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
RW	Rubic UNA Wireless central monitoring
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
CBS	central battery for circuit monitoring
ADP	address module for CBS 1.0 – SMART technology
ADE	address module for CBS 2.0 – SMART technology
WH	white color
GR	grey color
BL	black color
TR	transparent polycarbonate cover
OP	opal polycarbonate cover







EXIT L

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP65

IK8



KM 618355
BS-EN 60598-2-22



MATERIALS

White, grey or black polycarbonate body • Transparent polycarbonate cover

MOUNTING

Surface • Optionally recessed⁽¹⁾ • Optionally pendant⁽²⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W, 3W, 6W LED

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP65, IK8

AMBIENT TEMPERATURE

Self-contained: t_a : 0°C ÷ 40°C • t_a : -25°C ÷ 40°C – together with heater for low temperatures
Central battery: t_a : -25°C ÷ 50°C

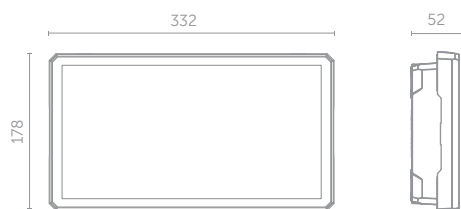
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU
– Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV
– central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • 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 with HTR 25 • III class of insulation of FZLV and FZLV2 version • ⁽¹⁾ see accessory for recessed mounting, RW option not available • ⁽²⁾ see accessory for pendant mounting

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR		
STANDARD	ETL	1W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
		2W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
		3W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
PREMIUM	ETL	1W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL
		3W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL
		6W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]	
	POWER	ETL
STANDARD	1W	170
	2W	285
	3W	430
PREMIUM	1W	180
	2W	340
	3W	455
	6W	850

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
ETL	1W	F	CB	CBS	X	WH	GR	BL
	2W	F	CB	CBS	X	WH	GR	BL
	3W	F	CB	CBS	X	WH	GR	BL
	6W	F	CB	CBS	X	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]	
	POWER	ETL
	1W	180
	2W	340
	3W	455
	6W	850

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
ETL	1W	Z	CB	ADE	ADP	WH	GR	BL
	2W	Z	CB	ADE	ADP	WH	GR	BL
	3W	Z	CB	ADE	ADP	WH	GR	BL
	6W	Z	CB	ADE	ADP	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]	
	POWER	ETL
	1W	180
	2W	340
	3W	455
	6W	850

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR		
ETL	1W	FZLV	FZLV2	WH	GR	BL
	2W	FZLV	FZLV2	WH	GR	BL
	3W	FZLV	FZLV2	WH	GR	BL

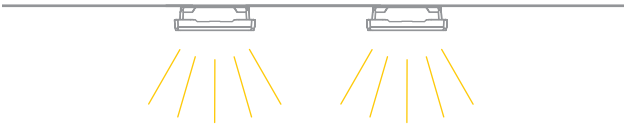
OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]	
	POWER	ETL
	1W	180
	2W	340
	3W	455

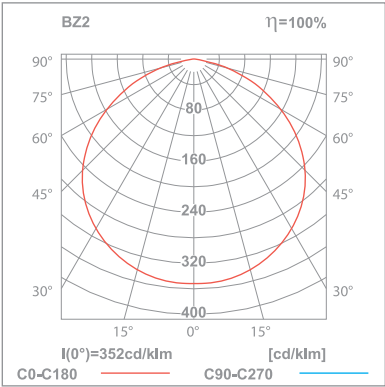
LEGEND:

ETL	fixture EXIT L	RU	Rubic UNA central monitoring
E, C	electronic gear for STANDARD self-contained fittings	RW	Rubic UNA Wireless central monitoring
B	electronic gear for PREMIUM self-contained fittings	FZLV	central battery FZLV 24 VDC
F	electronic gear for central battery fittings	FZLV2	central battery FZLV II 48 VDC
Z	electronic gear for addressable central battery fittings	CB	central battery version
SE	non maintained	CBS	central battery for circuit monitoring
SA	maintained	ADP	address module for CBS 1.0 – SMART technology
PT	manual test button	ADE	address module for CBS 2.0 – SMART technology
X	fitting without additional options	WH	white color
AT	autotest	GR	grey color
		BL	black color

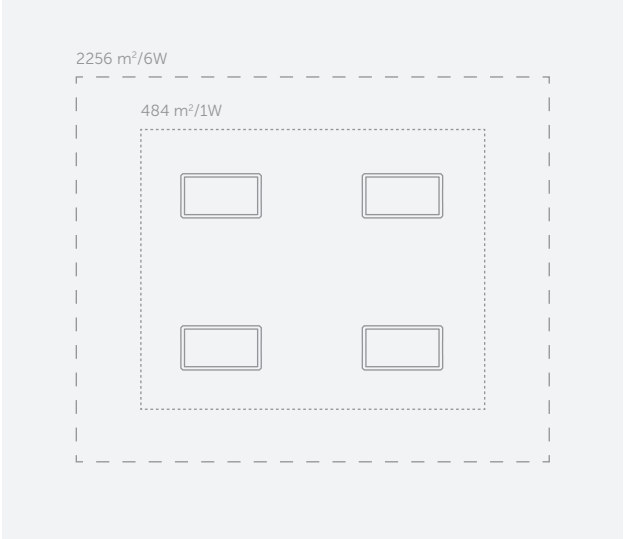
EXIT L EXAMPLE OF PHOTOMETRY



Opticfor open area



simulation for four luminaires and min 0,5 lx (area)





EXIT L

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP65

IK8



d=30mm



Ni-Cd

LiFePO₄



KM 618355
BS-EN 60598-2-22



MATERIALS

White, grey or black polycarbonate body • Transparent or opal polycarbonate cover • Plexi glass

MOUNTING

Surface • Optionally recessed⁽¹⁾ • Optionally pendant⁽²⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W LED

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP65, IK8

VIEWING DISTANCE

30 m

VIEWING METHOD

Single sided or double-sided⁽³⁾

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C • t_b: -25°C ÷ 40°C – together with heater for low temperatures
Central battery: t_a: -25°C ÷ 50°C

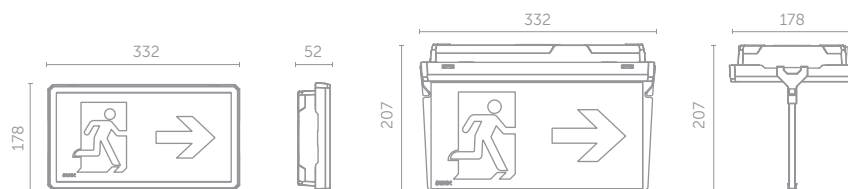
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • 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 with HTR 25
• III class of insulation of FZLV and FZLV2 version • ⁽¹⁾ see accessory for recessed mounting
• ⁽²⁾ see accessory for recessed mounting, RW option not available • ⁽³⁾ see accessory for two-sided pictogram • ⁽⁴⁾ 1pc of universal pictogram is included in each single box

DIMENSIONS [mm]



⁽⁴⁾ pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR			COVER	
STANDARD	ETL	1W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL	TR	OP
		2W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL	TR	OP
PREMIUM	ETE	1W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL	TR	OP
		2W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL	TR	OP

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR			COVER	
ETL	1W	F	CB	CBS	X	WH	GR	BL	TR	OP
	2W	F	CB	CBS	X	WH	GR	BL	TR	OP

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR			COVER	
ETL	1W	Z	CB	ADE	ADP	WH	GR	BL	TR	OP
	2W	Z	CB	ADE	ADP	WH	GR	BL	TR	OP

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR			COVER	
ETL	1W	FZLV	FZLV2	WH	GR	BL	TR	OP
	2W	FZLV	FZLV2	WH	GR	BL	TR	OP

LEGEND:

ETL	fixture EXIT L
E, C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
RW	Rubic UNA Wireless central monitoring
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
CBS	central battery for circuit monitoring
ADP	address module for CBS 1.0 – SMART technology
ADE	address module for CBS 2.0 – SMART technology
WH	white color
GR	grey color
BL	black color
TR	transparent polycarbonate cover
OP	opal polycarbonate cover



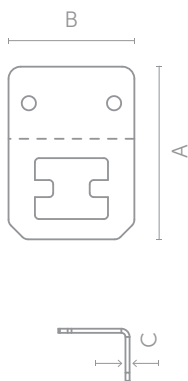
EXIT accessories



ACCESSORY FOR RECESSED MOUNTING (SET)

CODE: ETS/REC – EXIT S
ETE/REC – EXIT M
ETL/REC – EXIT L

DIMENSIONS [mm]



Dimensions: (AxBxC):

EXIT S: 36x36x1,5

EXIT M: 42x31x1,5

EXIT L: 37x34x1,5

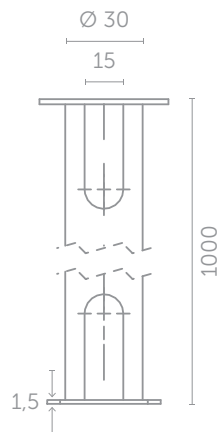
FITS TO EXIT S, M, L



ACCESSORY FOR PENDANT MOUNTING

CODE: ETE/PEN

DIMENSIONS [mm]



FITS TO EXIT S, M, L

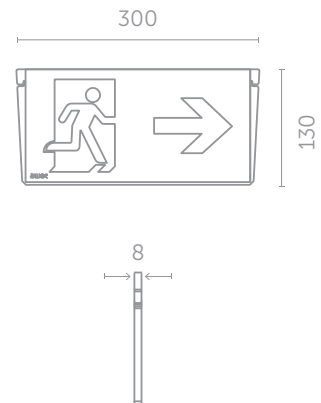


PLEXI GLASS (SET)

CODE: ETE/PLX

* 1PC OF UNIVERSAL PICTOGRAM IS INCLUDED IN EACH SINGLE BOX

DIMENSIONS [mm]



FITS TO EXIT M





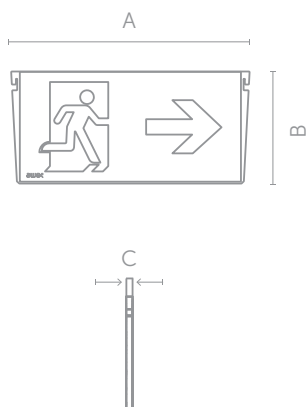
PLEXI GLASS (SET)

CODE: ETS/PLX - EXIT S

ETL/PLX - EXIT L

* 1PC OF UNIVERSAL PICTOGRAM IS INCLUDED IN EACH SINGLE BOX

DIMENSIONS [mm]



Dimensions: (AxBxC):

EXIT S: 224x107x6

EXIT L: 330x155x8

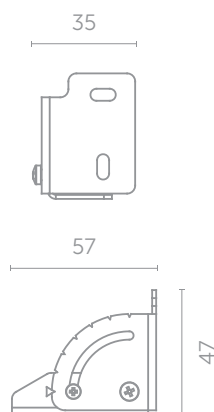
FITS TO EXIT S, L



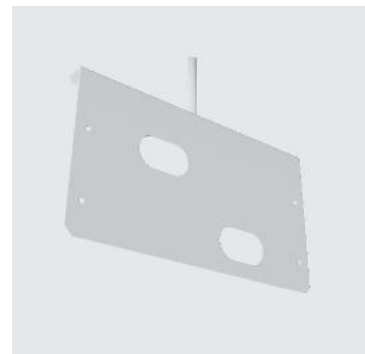
ADJUSTABLE HANDLE 0-90°

CODE: 3001

DIMENSIONS [mm]



FITS TO EXIT M, L



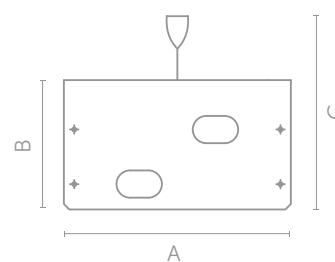
CEILING BRACKET WITH PIPE

CODE: 2945 - EXIT S

2946 - EXIT M

2947 - EXIT L

DIMENSIONS [mm]



Dimensions (mm): (AxBxC):

EXIT S: 202x121x428

EXIT M: 250x142x449

EXIT L: 300x172x479

FITS TO EXIT S, M, L

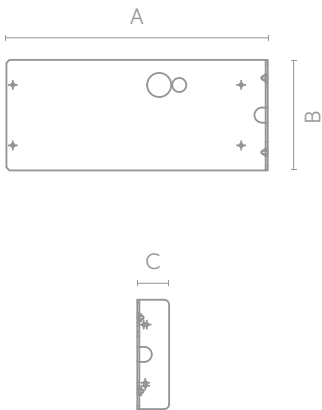




WALL BRACKET

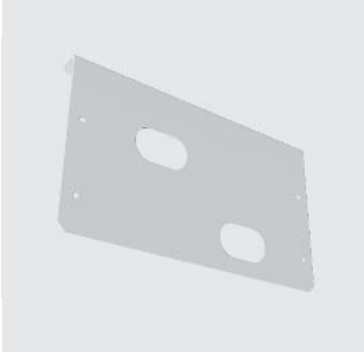
CODE: 1906 – EXIT S
1907 – EXIT M
1908 – EXIT L

DIMENSIONS [mm]



Dimensions (mm): (AxBxC):
EXIT S: 202x121x26
EXIT M: 250x142x33
EXIT L: 300x172x33

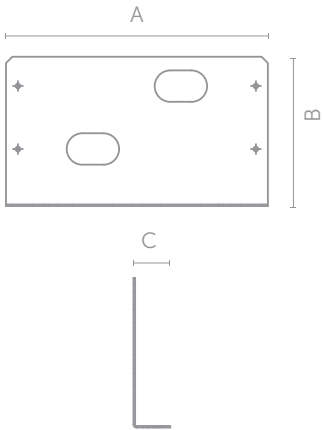
FITS TO EXIT S, M, L



CEILING BRACKET

CODE: 1903 – EXIT S
1904 – EXIT M
1905 – EXIT L

DIMENSIONS [mm]



Dimensions (mm): (AxBxC):
EXIT S: 202x121x26
EXIT M: 250x142x33
EXIT L: 300x172x33

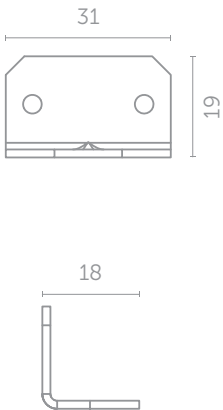
FITS TO EXIT S, M, L



**ACCESORY FOR ROPE
SUSPENSION (SET)**

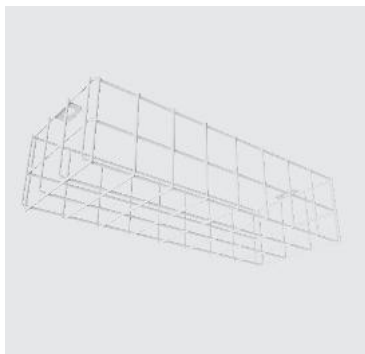
CODE: ET/ALIN

DIMENSIONS [mm]



FITS TO EXIT M, L





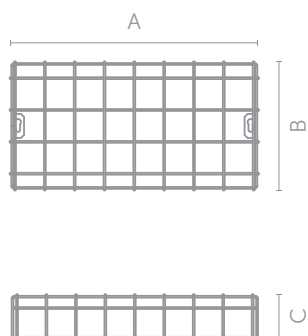
WIRE GUARD

CODE: 1012 – EXIT S

1013 – EXIT M

1014 – EXIT L

DIMENSIONS [mm]



Dimensions: (AxBxC):

EXIT S: 255x145x60

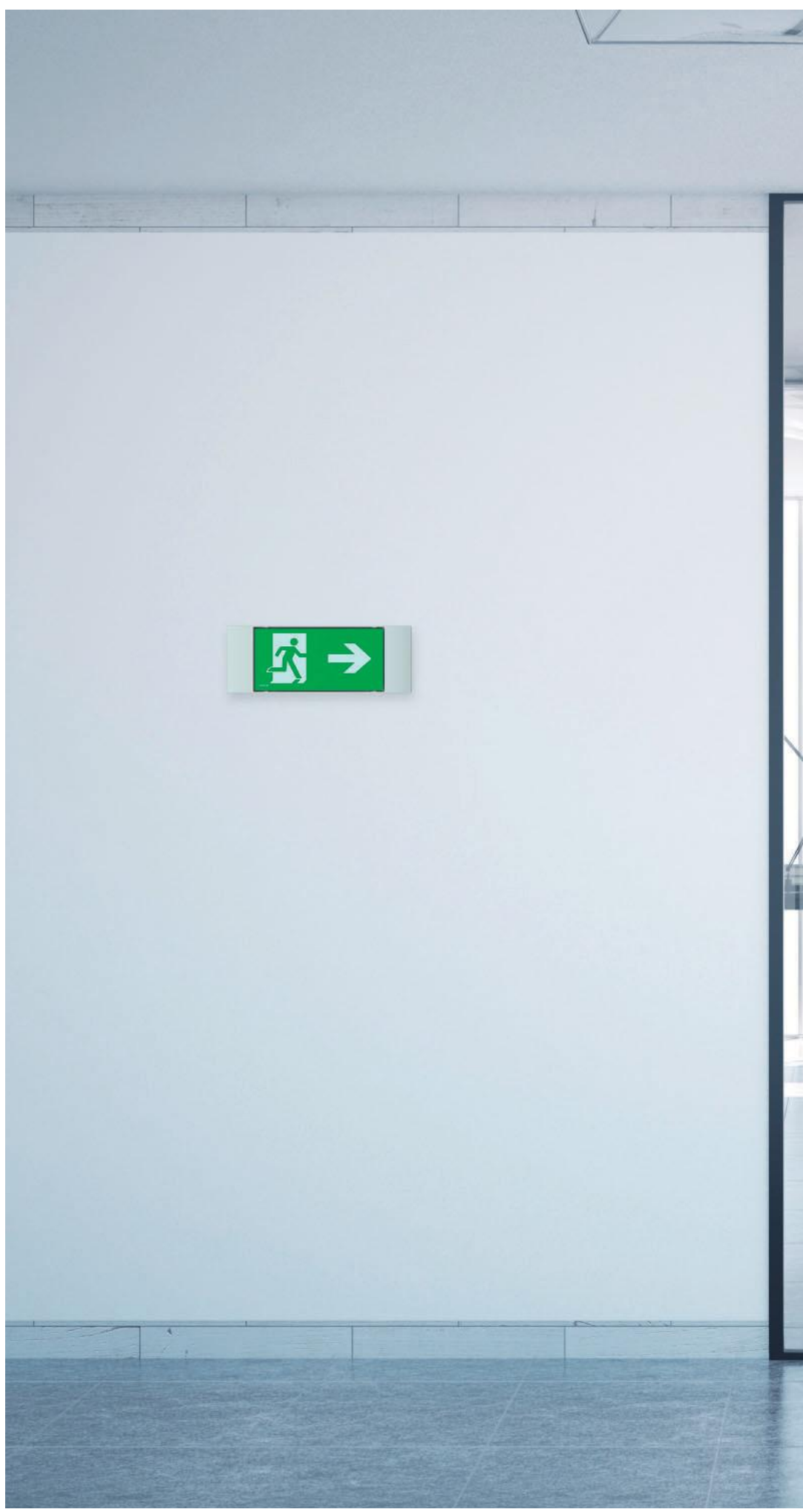
EXIT M: 305x200x60

EXIT L: 415x215x75

FITS TO EXIT S, M, L



WONDER family





WONDER family



WONDER

p. 192



WONDER

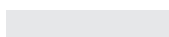
p. 194

Quality and efficiency

Wonder family is an emergency luminaire designed for on-ceiling mounting inside buildings. The luminaire is made of high-quality components using highly efficient light sources so that it is characterised by above-average parameters in terms of luminous fluxes. It is often used in office spaces, communication routes and social rooms.

COLOURS

White



RAL 9003

CLOSE UP





WONDER



AC
220-240V
50-60Hz

LED

IP20

IK8



MATERIALS

White polycarbonate body
Opal or transparent polycarbonate cover

MOUNTING

Surface
Optionally recessed ⁽¹⁾
Optionally recessed in concret ⁽²⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz

LIGHT SOURCE

1W, 2W, 3W LED

CHARGING

max. 24h

AUTONOMY AND BATTERIES

1h or 3h, 3,6V batteries

INSULATION CLASS

II

IP & IK RATING

IP20, IK8

AMBIENT TEMPERATURE

t_a: 0°C ÷ 40°C

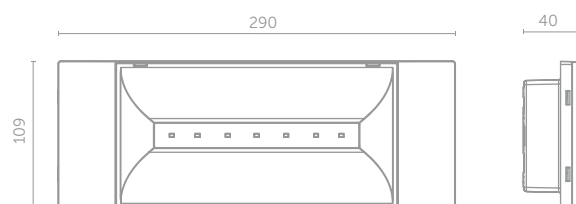
OPTIONS

SE – non maintained • SA – maintained • PT – manual test button

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • Optional connection to Inhibit or Telecomando • ⁽¹⁾ see accessory for recessed mounting • ⁽²⁾ see accessory for concret mounting

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS		COLOR
WND	1W	C	1	3	SE	SA	PT	X	WT
	2W	C	1	3	SE	SA	PT	X	WT
	3W	C	1	3	SE	SA	PT	X	WT

OUTPUT IN EMERGENCY MODE [lm]

POWER	OUTPUT
1W	170
2W	290
3W	390

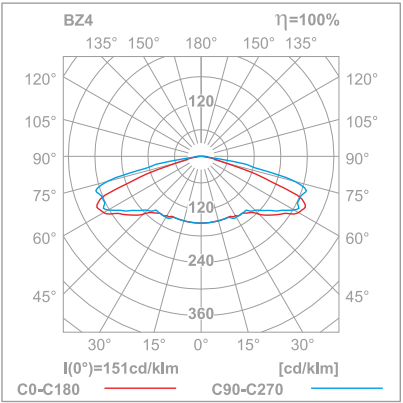
LEGEND:

- WND fitting WONDER with optics for open area
- C electronic gear for STANDARD self-contained fittings
- SE non maintained
- SA maintained
- PT manual test button
- X fitting without additional options
- WT white body and transparent cover

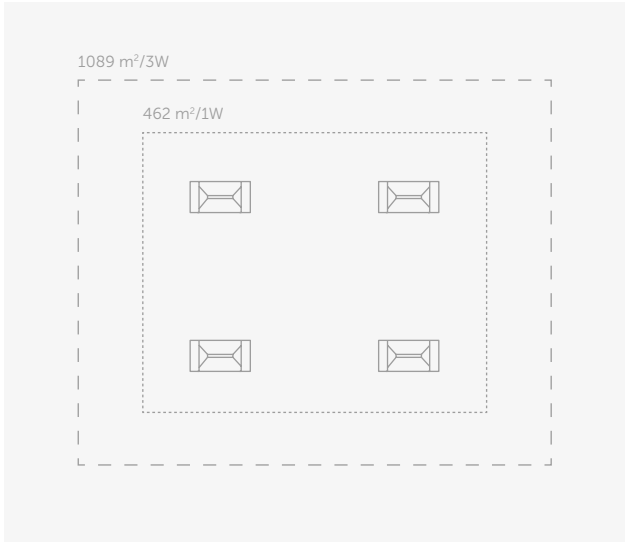
WONDER EXAMPLE OF PHOTOMETRY



Optic for open area



simulation for four luminaires and min 0,5 lx (area)



WONDER



AC
220-240V
50-60Hz

LED

IP20

IK8



MATERIALS

White polycarbonate body
Opal or transparent polycarbonate cover

MOUNTING

Surface
Optionally recessed ⁽¹⁾
Optionally recessed in concret ⁽²⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz

LIGHT SOURCE

1W, 2W, 3W LED

CHARGING

max. 24h

AUTONOMY AND BATTERIES

1h or 3h, 3,6V batteries

INSULATION CLASS

II

IP & IK RATING

IP20, IK8

VIEWING DISTANCE

20 m

VIEWING METHOD

Single sided or double-sided ⁽³⁾

AMBIENT TEMPERATURE

t_a: 0°C ÷ 40°C

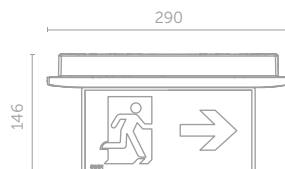
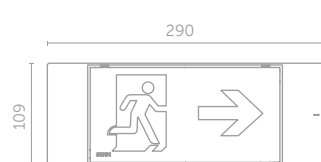
OPTIONS

SE – non maintained • SA – maintained • PT – manual test button

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • Optional connection to Inhibit or Telecomando • ⁽¹⁾ see accessory for recessed mounting • ⁽²⁾ see accessory for concret mounting • ⁽³⁾ see accessory for two-sided pictogram • ⁽⁴⁾ 1pc of universal pictogram is included in each single box

DIMENSIONS [mm]



⁽⁴⁾ pictogram

SELF-CONTAINED CONFIGURATION

CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS		COLOR	
WNDP WNDO	1W	C	1	3	SE	SA	PT	X	WT	WO
	2W	C	1	3	SE	SA	PT	X	WT	WO
	3W	C	1	3	SE	SA	PT	X	WT	WO

LEGEND:

- WNDP fitting WONDER with double-sided plexi glass
- WNDO fitting WONDER with optic
- C electronic gear for STANDARD self-contained fittings
- SE non maintained
- SA maintained
- PT manual test button
- X fitting without additional options
- WT white body and transparent cover
- WO white body and opal cover



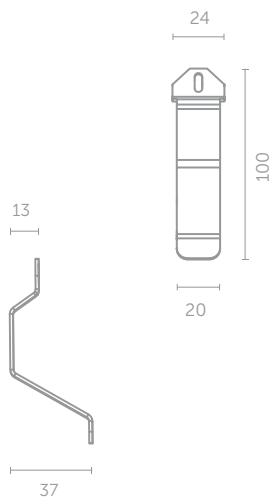
WONDER accessories



ACCESSORY FOR RECESSED MOUNTING (SET)

CODE: WND/REC

DIMENSIONS [mm]



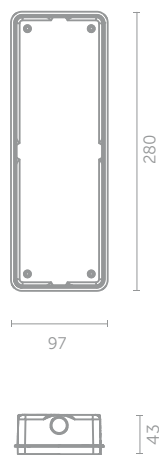
FITS TO WONDER (WND, WND0)



CONCRETE BOX

CODE: WND/RWC

DIMENSIONS [mm]



FITS TO WONDER (WND, WND0)

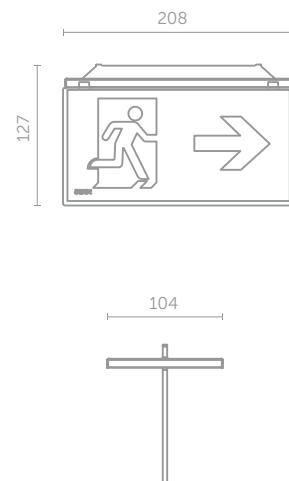


PLEXI GLASS (SET)

CODE: WND/PLX

* 1PC OF UNIVERSAL PICTOGRAM IS INCLUDED IN EACH SINGLE BOX

DIMENSIONS [mm]



FITS TO WONDER (WND)

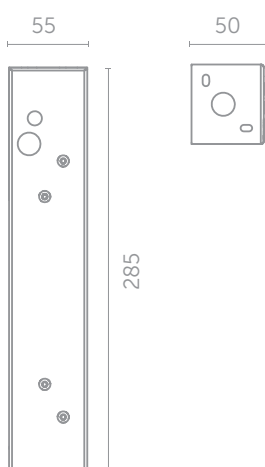




WALL BRACKET

CODE: 1909

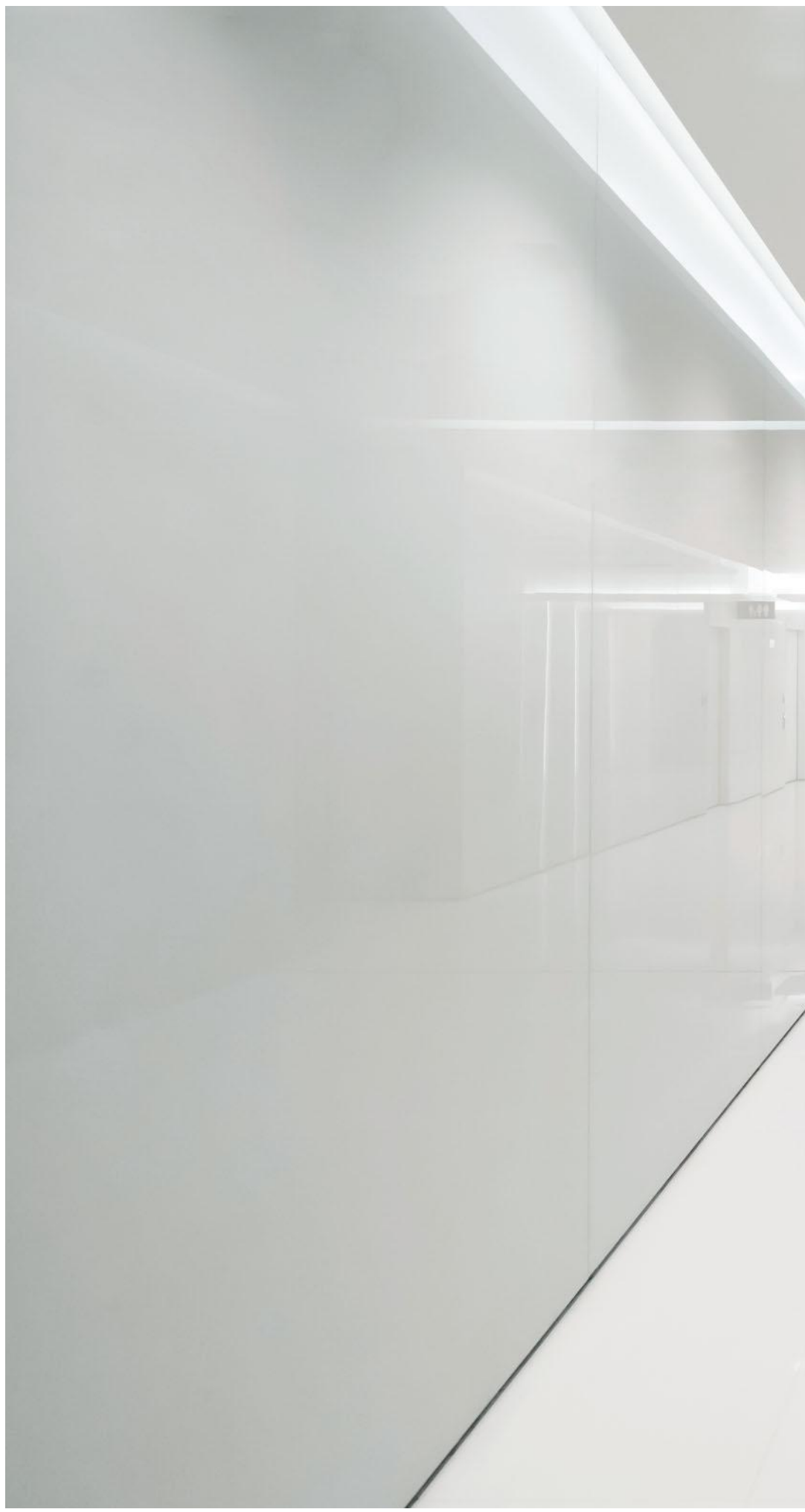
DIMENSIONS [mm]



FITS TO WONDER (WND)



ARROW family





ARROW family



ARROW N

p. 202



ARROW N

p. 206



ARROW P

p. 208



ARROW P

p. 212

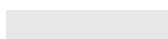
COLOURS

Black



RAL 9005

White



RAL 9003

Grey



RAL 7045

Slim design

ARROW series is a universal line of emergency/escape-sign luminaires designed for surface and flush mounting inside buildings. The luminaire is made of high-quality components using highly efficient light sources with above-average parameters in terms of luminous fluxes as well as visibility and uniform pictogram backlight. Communication routes where 25m viewing distance should be covered requires this type of luminaire.



CLOSE UP



ARROW N



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP40

IK8



KM 618355
BS-EN 60598-2-22

MATERIALS

White, grey or black polycarbonate body • Transparent polycarbonate cover

MOUNTING

Surface • Surface on a rope sling ⁽¹⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W, 3W, 3x1W LED
Optics: S – without optics • O – open area • C – escape route

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP40, IK8

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C
Central battery: t_a: 0°C ÷ 50°C

OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV2 version • ⁽¹⁾ see accessory for mounting on a rope sling

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR		
STANDARD	ARNS	1W	E C	1	3	SE	SA	PT	AT	RU	WH	GR	BL
		2W	E C	1	3	SE	SA	PT	AT	RU	WH	GR	BL
	ARNO ARNC	3x1W	E C	1	3	SE	SA	PT	AT	RU	WH	GR	BL
PREMIUM	ARNS	1W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL
	ARNO ARNC	3x1W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]			
	POWER	ARNS	ARNO	ARNC
STANDARD	1W	155	X	X
	2W	235	X	X
	3x1W	X	325	325
PREMIUM	1W	165	X	X
	2W	290	X	X
	3x1W	X	355	355

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
ARNS	1W	F	CB	CBS	X	WH	GR	BL
	2W	F	CB	CBS	X	WH	GR	BL
	3W	F	CB	CBS	X	WH	GR	BL
ARNO ARNC	3x1W	F	CB	CBS	X	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]			
	POWER	ARNS	ARNO	ARNC
1W	165	X	X	
2W	290	X	X	
3W	395	X	X	
3x1W	X	355	355	

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
ARNS	1W	Z	CB	ADE	ADP	WH	GR	BL
	2W	Z	CB	ADE	ADP	WH	GR	BL
	3W	Z	CB	ADE	ADP	WH	GR	BL
ARNO ARNC	3x1W	Z	CB	ADE	ADP	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]			
	POWER	ARNS	ARNO	ARNC
1W	165	X	X	
2W	290	X	X	
3W	395	X	X	
3x1W	X	355	355	

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR		
ARNS	1W	FZLV	FZLV2	WH	GR	BL
	2W	FZLV	FZLV2	WH	GR	BL
	3W	FZLV	FZLV2	WH	GR	BL
ARNO ARNC	3x1W	FZLV	FZLV2	WH	GR	BL

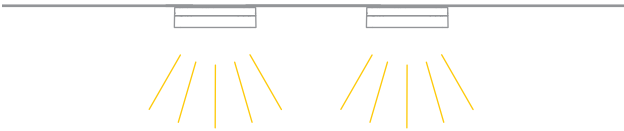
OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]			
	POWER	ARNS	ARNO	ARNC
1W	165	X	X	
2W	290	X	X	
3W	395	X	X	
3x1W	X	355	355	

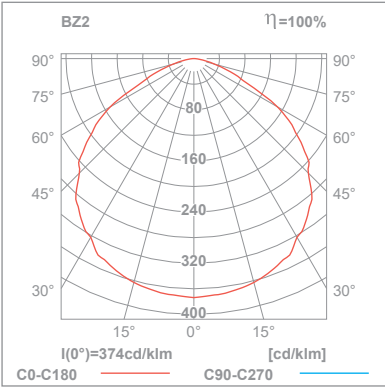
LEGEND:

ARNS	fixture ARROW N without optics	SE	non maintained	ADP	address module for CBS 1.0 – SMART technology
ARNO	fixture ARROW N with optics for open area	SA	maintained	ADE	address module for CBS 2.0 – SMART technology
ARNC	fixture ARROW N with optics for escape route	PT	manual test button	WH	white color
E, C	electronic gear for STANDARD self-contained fittings	X	fitting without additional options	GR	grey color
B	electronic gear for PREMIUM self-contained fittings	AT	autotest	BL	black color
F	electronic gear for central battery fittings	RU	Rubic UNA central monitoring		
Z	electronic gear for addressable central battery fittings	RW	Rubic UNA Wireless central monitoring		
		FZLV	central battery FZLV 24 VDC		
		FZLV2	central battery FZLV II 48 VDC		
		CB	central battery version		
		CBS	central battery for circuit monitoring		

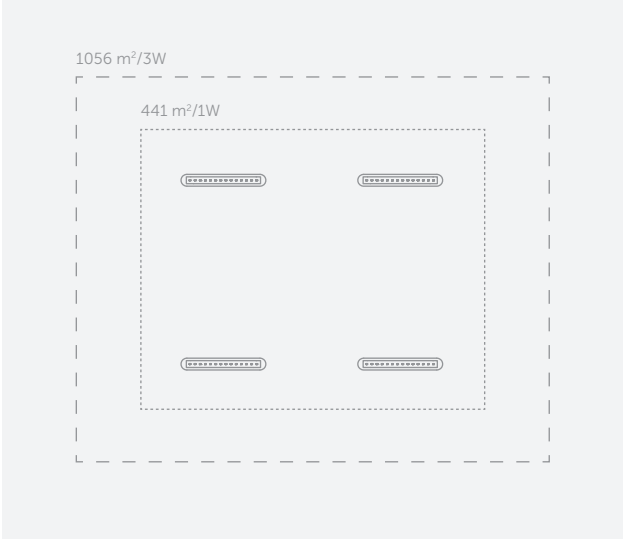
ARROW N EXAMPLE OF PHOTOMETRY



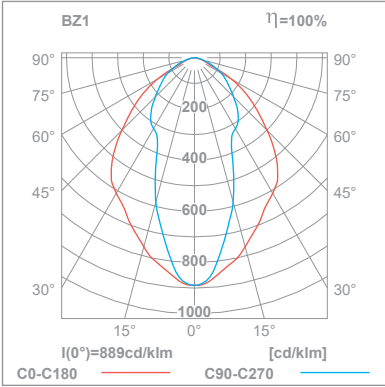
Optic O for open area



simulation for four luminaires and min 0,5 lx (area)



Optic C for escape route



simulation for two luminaires and min 1 lx (distance)





ARROW N

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP40

IK8



d=25mm



Ni-Cd

LiFePO₄



KM 618355
BS-EN 60598-2-22



MATERIALS

White, grey or black polycarbonate body • Plexi glass

MOUNTING

Surface • Surface on a rope sling ⁽¹⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W LED

CHARGING

Standard: max. 24h

Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries

Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP40, IK8

VIEWING DISTANCE

25 m

VIEWING METHOD

Double-sided

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C

Central battery: t_a: 0°C ÷ 50°C

OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV2 version • ⁽¹⁾ see accessory for mounting on a rope sling • ⁽²⁾ 1pc of universal pictogram is included in each single box

DIMENSIONS [mm]



⁽²⁾ pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR		
STANDARD	ARN	1W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
		2W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
PREMIUM	ARN	1W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
ARN	1W	F	CB	CBS	X	WH	GR	BL
	2W	F	CB	CBS	X	WH	GR	BL

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
ARN	1W	Z	CB	ADE	ADP	WH	GR	BL
	2W	Z	CB	ADE	ADP	WH	GR	BL

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM	COLOR	
ARN	1W	FZLV	FZLV2	WH GR BL
	2W	FZLV	FZLV2	WH GR BL

LEGEND:

ARN	fixture ARROW N
E, C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
RW	Rubic UNA Wireless central monitoring
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
CBS	central battery for circuit monitoring
ADP	address module for CBS 1.0 – SMART technology
ADE	address module for CBS 2.0 – SMART technology
WH	white color
GR	grey color
BL	black color



ARROW P



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP40

IK8



KM 618355
BS-EN 60598-2-22

MATERIALS

White, grey or black polycarbonate body • Transparent polycarbonate cover

MOUNTING

Recessed

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W, 3W, 3x1W LED
Optics: S – without optics • O – open area • C – escape route

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP40, IK8

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C
Central battery: t_a: 0°C ÷ 50°C

OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button
• RU – Rubic UNA central monitoring • FZLV – central battery FZLV 24VDC
• FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV2 version

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR		
STANDARD	ARPS	1W	E C	1	3	SE	SA	PT	AT	RU	WH	GR	BL
		2W	E C	1	3	SE	SA	PT	AT	RU	WH	GR	BL
	ARPO ARPC	3x1W	E C	1	3	SE	SA	PT	AT	RU	WH	GR	BL
PREMIUM	ARPS	1W	B	1	3	SE	SA	AT	RU	WH	GR	BL	
		2W	B	1	3	SE	SA	AT	RU	WH	GR	BL	
	ARPO ARPC	3x1W	B	1	3	SE	SA	AT	RU	WH	GR	BL	

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]			
	POWER	ARPS	ARPO	ARPC
STANDARD	1W	155	X	X
	2W	235	X	X
	3x1W	X	325	325
PREMIUM	1W	165	X	X
	2W	290	X	X
	3x1W	X	355	355

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
ARPS	1W	F	CB	CBS	X	WH	GR	BL
	2W	F	CB	CBS	X	WH	GR	BL
	3W	F	CB	CBS	X	WH	GR	BL
ARPO ARPC	3x1W	F	CB	CBS	X	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]			
	POWER	ARPS	ARPO	ARPC
1W	165	X	X	
2W	290	X	X	
3W	395	X	X	
3x1W	X	355	355	

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
ARPS	1W	Z	CB	ADE	ADP	WH	GR	BL
	2W	Z	CB	ADE	ADP	WH	GR	BL
	3W	Z	CB	ADE	ADP	WH	GR	BL
ARPO ARPC	3x1W	Z	CB	ADE	ADP	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]			
	POWER	ARPS	ARPO	ARPC
1W	165	X	X	
2W	290	X	X	
3W	395	X	X	
3x1W	X	355	355	

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR		
ARPS	1W	FZLV	FZLV2	WH	GR	BL
	2W	FZLV	FZLV2	WH	GR	BL
	3W	FZLV	FZLV2	WH	GR	BL
ARPO ARPC	3x1W	FZLV	FZLV2	WH	GR	BL

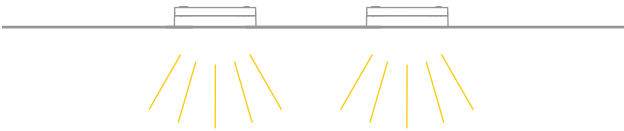
OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]			
	POWER	ARPS	ARPO	ARPC
1W	165	X	X	
2W	290	X	X	
3W	395	X	X	
3x1W	X	355	355	

LEGEND:

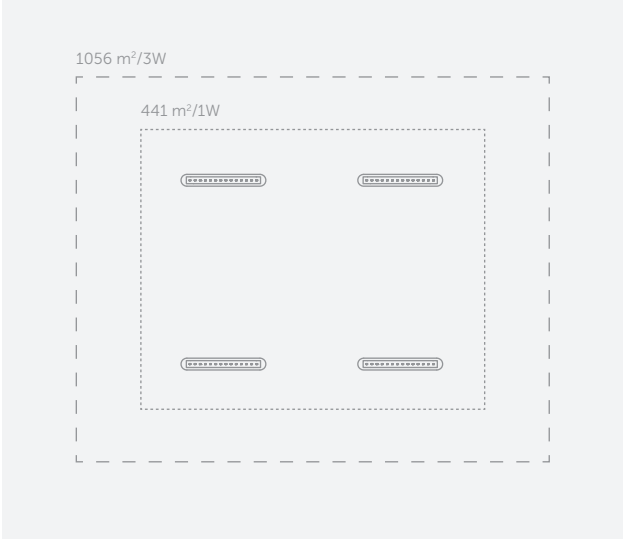
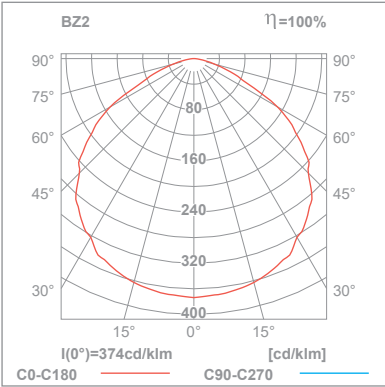
ARPS	fixture ARROW P without optics	SE	non maintained	ADE	address module for CBS 2.0 – SMART technology
ARPO	fixture ARROW P with optics for open area	SA	maintained	WH	white color
ARPC	fixture ARROW P with optics for escape route	PT	manual test button	GR	grey color
E, C	electronic gear for STANDARD self-contained fittings	X	fitting without additional options	BL	black color
B	electronic gear for PREMIUM self-contained fittings	AT	autotest		
F	electronic gear for central battery fittings	RU	Rubic UNA central monitoring		
Z	electronic gear for addressable central battery fittings	FZLV	central battery FZLV 24 VDC		
		FZLV2	central battery FZLV II 48 VDC		
		CB	central battery version		
		CBS	central battery for circuit monitoring		
		ADP	address module for CBS 1.0 – SMART technology		

ARROW P EXAMPLE OF PHOTOMETRY



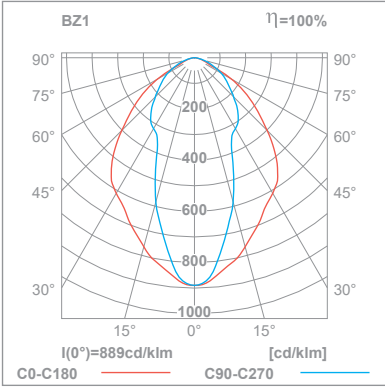
Optic O for open area

simulation for four luminaires and min 0,5 lx (area)



Optic C for escape route

simulation for two luminaires and min 1 lx (distance)





ARROW P



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP40

IK8



d=25mm



Ni-Cd

LiFePO₄



KM 618355
BS-EN 60598-2-22

MATERIALS

White, grey or black polycarbonate body • Plexi glass

MOUNTING

Recessed

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W LED

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP40, IK8

VIEWING DISTANCE

25 m

VIEWING METHOD

Double-sided

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C
Central battery: t_a: 0°C ÷ 50°C

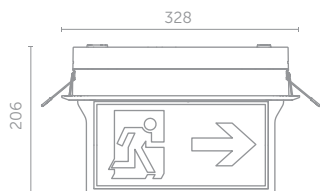
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button
• RU – Rubic UNA central monitoring • FZLV – central battery FZLV 24VDC
• FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV2 version • ⁽¹⁾ 1pc of universal pictogram is included in each single box

DIMENSIONS [mm]



⁽¹⁾ pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR		
STANDARD	ARP	1W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
		2W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
PREMIUM	ARP	1W	B	1	3	SE	SA	AT	RU		WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU		WH	GR	BL

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
ARP	1W	F	CB	CBS	X	WH	GR	BL
	2W	F	CB	CBS	X	WH	GR	BL

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
ARP	1W	Z	CB	ADE	ADP	WH	GR	BL
	2W	Z	CB	ADE	ADP	WH	GR	BL

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR		
ARP	1W	FZLV	FZLV2	WH	GR	BL
	2W	FZLV	FZLV2	WH	GR	BL

LEGEND:

ARP	fixture ARROW P
E, C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
CBS	central battery for circuit monitoring
ADP	address module for CBS 1.0 – SMART technology
ADE	address module for CBS 2.0 – SMART technology
WH	white color
GR	grey color
BL	black color



ARROW accessories



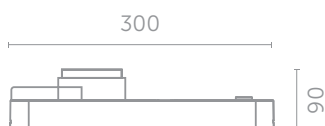
TRACK LIGHTING INSTALLATION ACCESSORY (SET)

CODE: ARN/EUT/WH

ARN/EUT/GR

ARN/EUT/BL

DIMENSIONS [mm]



FITS TO ARROW N



SUSPENSION ROPES

CODE: 1006/WH

1006/GR

1006/BL

DIMENSIONS [mm]



FITS TO ARROW N





TIGER LED family





TIGER LED family



TIGER LED

p. 220



TIGER LED

p. 224

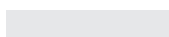


TIGER DS LED

p. 226

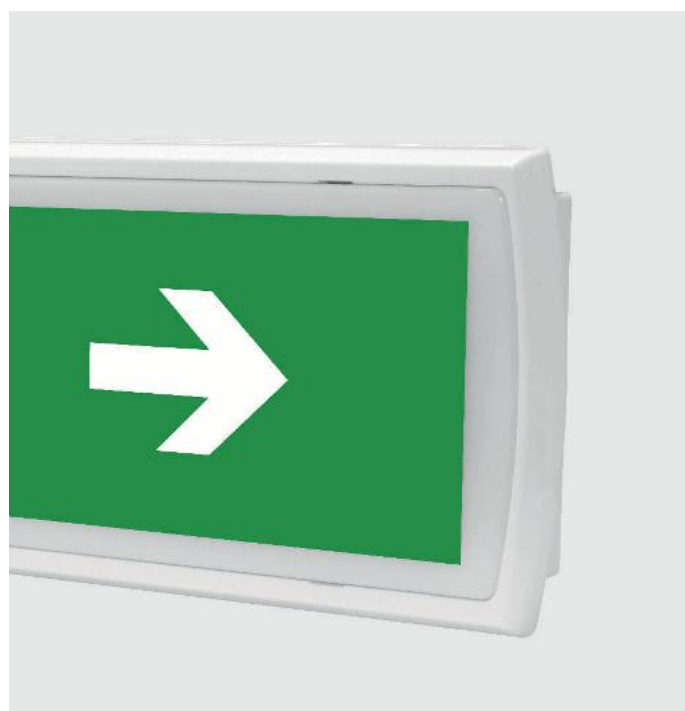
COLOURS

White



RAL 9003

CLOSE UP



Quality and excellence

TIGER series is an emergency or escape-sign luminaire designed for flush or surface mounting inside buildings. The luminaire is made of high-quality components using highly efficient light sources so that it is characterised by above-average parameters in terms of luminous fluxes. It is often used in staff communication routes, staff toilets and back door rooms.



TIGER LED



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP22

IK8



Ni-Cd

LiFePO₄



KM 618355
BS-EN 60598-2-22

MATERIALS

White polycarbonate body • Transparent polycarbonate cover

MOUNTING

Surface

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W, 3W LED

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP22, IK8

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C
Central battery: t_a: 0°C ÷ 50°C

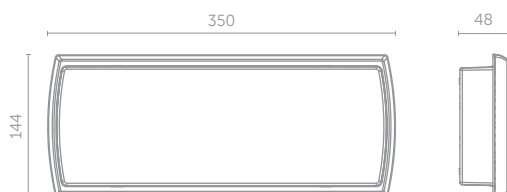
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU
– Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV
– central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV2 version • Possible to under plastering mounting by clips set's 1010

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR
STANDARD	TL	1W	E C	1	3	SE	SA	PT	AT	X	TR
		2W	E C	1	3	SE	SA	PT	AT	X	TR
		3W	E C	1	3	SE	SA	PT	AT	X	TR
PREMIUM	TL	1W	B	1	3	SE	SA	AT	RU	RW	TR
		2W	B	1	3	SE	SA	AT	RU	RW	TR
		3W	B	1	3	SE	SA	AT	RU	RW	TR

OUTPUT IN EMERGENCY MODE [lm]

	POWER	OUTPUT [lm]
STANDARD	1W	165
	2W	265
	3W	385
PREMIUM	1W	180
	2W	320
	3W	395

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR
TL	1W	F	CB	CBS	X	TR
	2W	F	CB	CBS	X	TR
	3W	F	CB	CBS	X	TR

OUTPUT IN EMERGENCY MODE [lm]

POWER	OUTPUT [lm]
1W	180
2W	320
3W	395

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR
TL	1W	Z	CB	ADE	ADP	TR
	2W	Z	CB	ADE	ADP	TR
	3W	Z	CB	ADE	ADP	TR

OUTPUT IN EMERGENCY MODE [lm]

POWER	OUTPUT [lm]
1W	180
2W	320
3W	395

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR
TL	1W	FZLV	FZLV2	TR
	2W	FZLV	FZLV2	TR
	3W	FZLV	FZLV2	TR

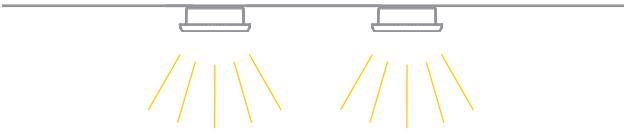
OUTPUT IN EMERGENCY MODE [lm]

POWER	OUTPUT [lm]
1W	180
2W	320
3W	395

LEGEND:

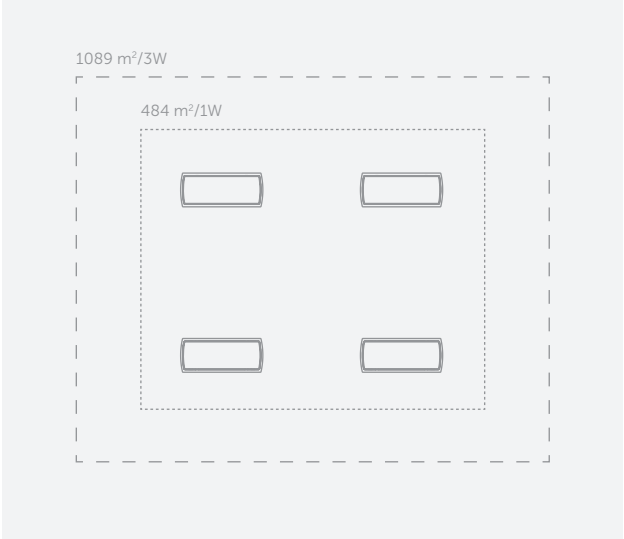
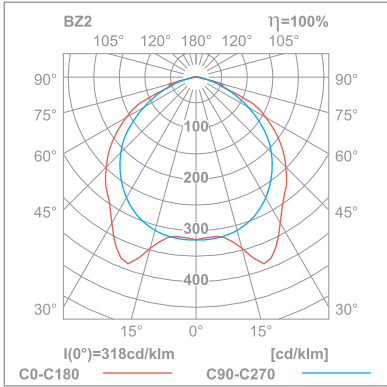
TL	fixture TIGER LED	FZLV	central battery FZLV 24 VDC
E, C	electronic gear for STANDARD self-contained fittings	FZLV2	central battery FZLV II 48 VDC
B	electronic gear for PREMIUM self-contained fittings	CB	central battery version
F	electronic gear for central battery fittings	CBS	central battery for circuit monitoring
Z	electronic gear for addressable central battery fittings	ADP	address module for CBS 1.0 – SMART technology
SE	non maintained	ADE	address module for CBS 2.0 – SMART technology
SA	maintained	TR	transparent polycarbonate cover
PT	manual test button		
X	fitting without additional options		
AT	autotest		
RU	Rubic UNA central monitoring		
RW	Rubic UNA Wireless central monitoring		

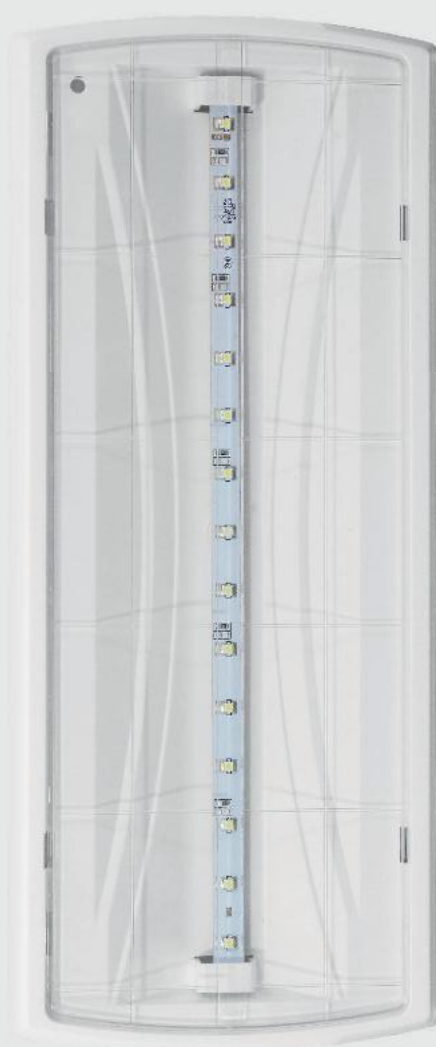
TIGER LED EXAMPLE OF PHOTOMETRY



Optic for open area

simulation for four luminaires and min 0,5 lx (area)





TIGER LED



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP22

IK8



KM 618355
BS-EN 60598-2-22

MATERIALS

White polycarbonate body • Opal polycarbonate cover

MOUNTING

Surface

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W LED

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP22, IK8

VIEWING DISTANCE

20 m

VIEWING METHOD

Single sided

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C
Central battery: t_a: 0°C ÷ 50°C

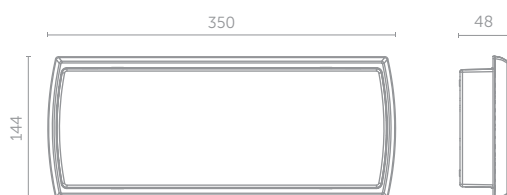
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV2 version • ⁽¹⁾ 1pc of universal pictogram is included in each single box • Possible to under plastering mounting by clips set's 1010

DIMENSIONS [mm]



⁽¹⁾ pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE	OPTIONS			COLOR
STANDARD	TL	1W	E C	1	3	SA	PT	AT	X	OP
		2W	E C	1	3	SA	PT	AT	X	OP
PREMIUM	TL	1W	B	1	3	SA	AT	RU	RW	OP
		2W	B	1	3	SA	AT	RU	RW	OP

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR
TL	1W	F	CB	CBS	X	OP
	2W	F	CB	CBS	X	OP

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

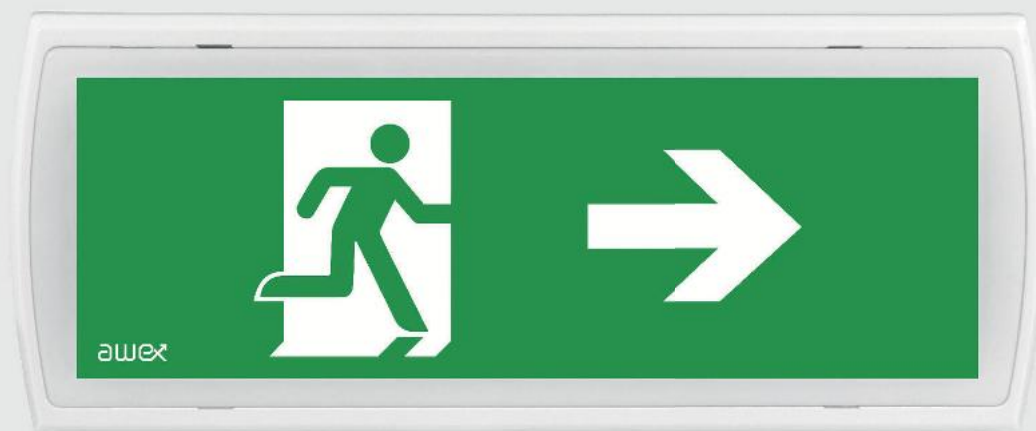
CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR
TL	1W	Z	CB	ADE	ADP	OP
	2W	Z	CB	ADE	ADP	OP

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR
TL	1W	FZLV	FZLV2	OP
	2W	FZLV	FZLV2	OP

LEGEND:

TL	fixture Tiger LED
E, C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
RW	Rubic UNA Wireless central monitoring
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
CBS	central battery for circuit monitoring
ADP	address module for CBS 1.0 – SMART technology
ADE	address module for CBS 2.0 – SMART technology
OP	opal polycarbonate cover



TIGER DS LED



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP22

IK8



KM 618355
BS-EN 60598-2-22

MATERIALS

White polycarbonate body • Opal polycarbonate cover

MOUNTING

Surface

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W LED

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP22, IK8

VIEWING DISTANCE

20 m

VIEWING METHOD

Double-sided

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C
Central battery: t_a: 0°C ÷ 50°C

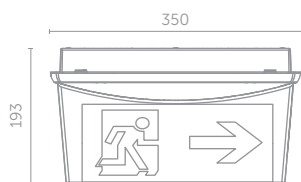
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button
• RU – Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV
– central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV2 version • ⁽¹⁾ 1pc of universal pictogram is included in each single box • Possible to under plastering mounting by clips set's 1010

DIMENSIONS [mm]



⁽¹⁾ pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR
STANDARD	TSL	1W	E C	1	3	SE	SA	PT	AT	X	OP
		2W	E C	1	3	SE	SA	PT	AT	X	OP
PREMIUM	TSL	1W	B	1	3	SE	SA	AT	RU	RW	OP
		2W	B	1	3	SE	SA	AT	RU	RW	OP

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR
TSL	1W	F	CB	CBS	X	OP
	2W	F	CB	CBS	X	OP

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR
TSL	1W	Z	CB	ADE	ADP	OP
	2W	Z	CB	ADE	ADP	OP

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR
TSL	1W	FZLV	FZLV2	OP
	2W	FZLV	FZLV2	OP

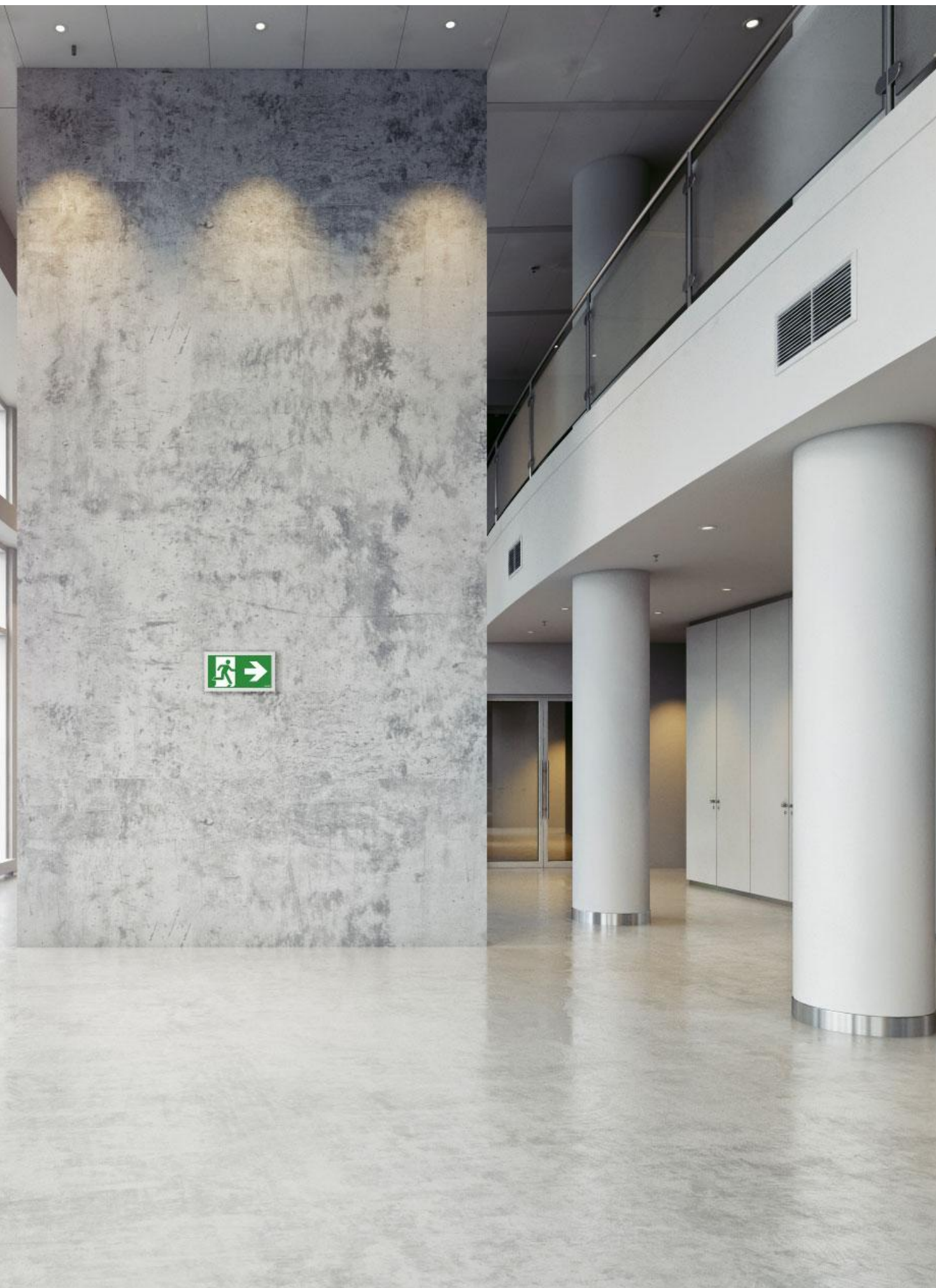
LEGEND:

TSL	fixture TIGER DS LED
E, C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
RW	Rubic UNA Wireless central monitoring
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
CBS	central battery for circuit monitoring
ADP	address module for CBS 1.0 – SMART technology
ADE	address module for CBS 2.0 – SMART technology
OP	opal polycarbonate cover

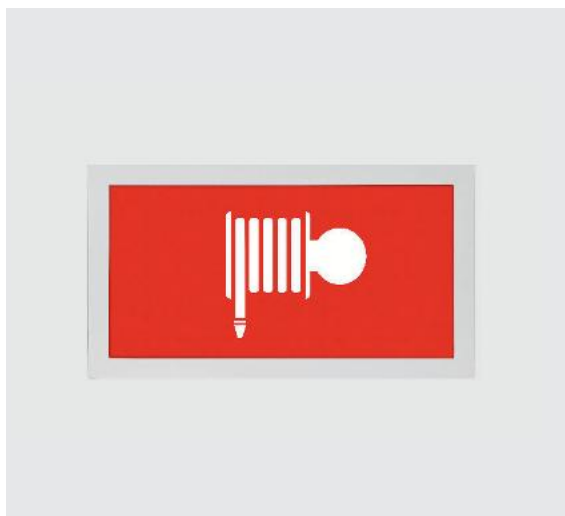


INFINITY II family





INFINITY II family



INFINITY II

p. 232



INFINITY II B

p. 236



INFINITY II AC

p. 240



INFINITY II AW

p. 244



INFINITY II AL

p. 248

Minimalised design for all mounting options

INFINITY II series is a universal escape-sign luminaire for surface, flush or suspended mounting on any wall or ceiling. The luminaire is made of high-quality components using highly efficient light sources so that it is characterised by above-average parameters in terms of visibility and uniform pictogram backlight. The revolutionary technological solution of using additional light source allows the product to be used as both escape-sign luminaire and emergency luminaire. With its double function, the luminaire is particularly recommended to be used in the vicinity of any final exits and special places such as hydrants or first aid points to mark them and provide extra illumination.



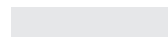
COLOURS

Black



RAL 9005

White



RAL 9003

Grey



RAL 7045

CLOSE UP



INFINITY II

AC
220-240V
50-60Hz

DC
176-275V

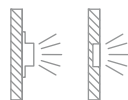
DC
24V

DC
48V

LED

IP40

IK8



d=30m



Ni-Cd

LiFePO₄



KM 618355
BS-EN 60598-2-22



MATERIALS

White, grey or black polycarbonate body • Plexi glass

MOUNTING

Surface • Recessed ⁽¹⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

3W LED

CHARGING

Standard: max. 24h

Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries

Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP40, IK8

VIEWING DISTANCE

30 m

VIEWING METHOD

Single sided or double-sided

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C

Central battery: t_a: 0°C ÷ 50°C

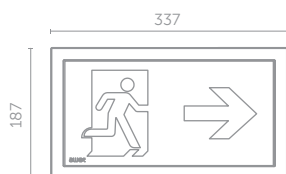
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV2 version • Fixture with floor illumination system • ⁽¹⁾ see accessory for recessed mounting, RW option not available • ⁽²⁾ 1pc of universal pictogram is included in each single box

DIMENSIONS [mm]



⁽²⁾ pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR		
STANDARD	IF2BWD IF2AWD IF2ACD IF2ALD	3W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
PREMIUM	IF2BWD IF2AWD IF2ACD IF2ALD	3W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]	
	POWER	
STANDARD	3W	70
PREMIUM	3W	80

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
IF2BWD IF2AWD IF2ACD IF2ALD	3W	F	CB	CBS	X	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]	
	POWER	
3W	80	

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
IF2BWD IF2AWD IF2ACD IF2ALD	3W	Z	CB	ADE	ADP	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]	
	POWER	
3W	80	

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR		
IF2BWD IF2AWD IF2ACD IF2ALD	3W	FZLV	FZLV2	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]	
	POWER	
3W	80	

*Output in emergency mode of IF2AWD, IF2ACD, IF2ALD is the same like IF2BWD

INFINITY II B**INFINITY II AW****INFINITY II AC****INFINITY II AL****LEGEND:**

IF2BWD	fixture INFINITY II B one side with floor illumination
IF2AWD	fixture INFINITY II AW two side with floor illumination
IF2ACD	fixture INFINITY II AC two side with floor illumination
IF2ALD	fixture INFINITY II AL two side with floor illumination
E, C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings

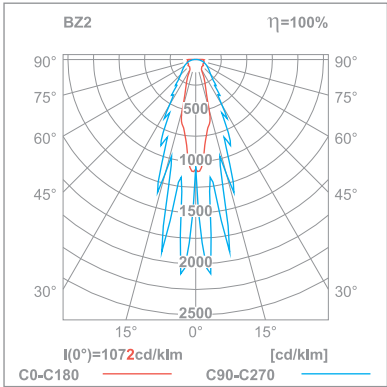
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
RW	Rubic UNA Wireless central monitoring
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version

CBS	central battery for circuit monitoring
ADP	address module for CBS 1.0 – SMART technology
ADE	address module for CBS 2.0 – SMART technology
WH	white color
GR	grey color
BL	black color

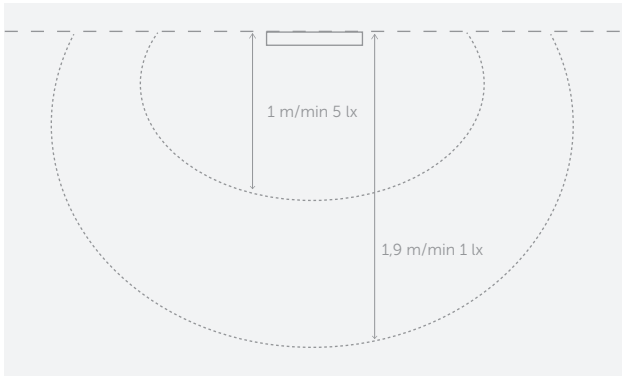
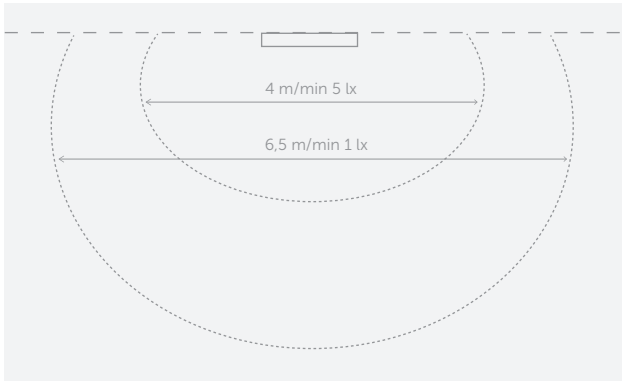
INFINITY II EXAMPLE OF PHOTOMETRY



Optic for open area



simulation for one luminaire and min 1 lx and 5 lx (area)





INFINITY II B

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP40

IK8



KM 618355
BS-EN 60598-2-22



MATERIALS

White, grey or black polycarbonate body • Plexi glass

MOUNTING

Surface • Recessed ⁽¹⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W LED

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP40, IK8

VIEWING DISTANCE

30 m

VIEWING METHOD

Single sided

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C
Central battery: t_a: 0°C ÷ 50°C

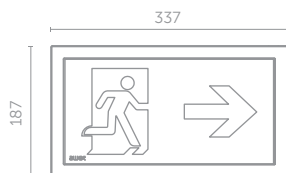
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV2 version • ⁽¹⁾ see accessory for recessed mounting, RW option not available • ⁽²⁾ 1pc of universal pictogram is included in each single box

DIMENSIONS [mm]



⁽²⁾ pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR		
STANDARD	IF2BWS	1W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
		2W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
PREMIUM	IF2BWS	1W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
IF2BWS	1W	F	CB	CBS	X	WH	GR	BL
	2W	F	CB	CBS	X	WH	GR	BL

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
IF2BWS	1W	Z	CB	ADE	ADP	WH	GR	BL
	2W	Z	CB	ADE	ADP	WH	GR	BL

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM	COLOR	
IF2BWS	1W	FZLV	FZLV2	WH GR BL
	2W	FZLV	FZLV2	WH GR BL

LEGEND:

IF2BWS	fixture INFINITY II B
E, C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
RW	Rubic UNA Wireless central monitoring
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
CBS	central battery for circuit monitoring
ADP	address module for CBS 1.0 – SMART technology
ADE	address module for CBS 2.0 – SMART technology
WH	white color
GR	grey color
BL	black color







INFINITY II AC

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP40

IK8



KM 618355
BS-EN 60598-2-22



MATERIALS

White, grey or black polycarbonate body • Plexi glass

MOUNTING

Surface • Recessed ⁽¹⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W LED

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP40, IK8

VIEWING DISTANCE

30 m

VIEWING METHOD

Double-sided

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C
Central battery: t_a: 0°C ÷ 50°C

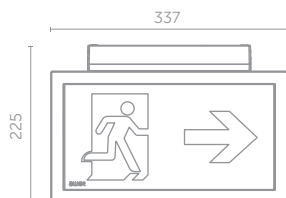
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV2 version • ⁽¹⁾ see accessory for recessed mounting, RW option not available • ⁽²⁾ 1pc of universal pictogram is included in each single box

DIMENSIONS [mm]



⁽²⁾ pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR		
STANDARD	IF2ACS	1W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
		2W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
PREMIUM	IF2ACS	1W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
IF2ACS	1W	F	CB	CBS	X	WH	GR	BL
	2W	F	CB	CBS	X	WH	GR	BL

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
IF2ACS	1W	Z	CB	ADE	ADP	WH	GR	BL
	2W	Z	CB	ADE	ADP	WH	GR	BL

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR		
IF2ACS	1W	FZLV	FZLV2	WH	GR	BL
	2W	FZLV	FZLV2	WH	GR	BL

LEGEND:

IF2ACS	fixture INFINITY II AC
E, C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
RW	Rubic UNA Wireless central monitoring
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
CBS	central battery for circuit monitoring
ADP	address module for CBS 1.0 – SMART technology
ADE	address module for CBS 2.0 – SMART technology
WH	white color
GR	grey color
BL	black color







INFINITY II AW

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP40

IK8



KM 618355
BS-EN 60598-2-22



MATERIALS

White, grey or black polycarbonate body • Plexi glass

MOUNTING

Surface • Recessed ⁽¹⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W LED

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP40, IK8

VIEWING DISTANCE

30 m

VIEWING METHOD

Double-sided

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C
Central battery: t_a: 0°C ÷ 50°C

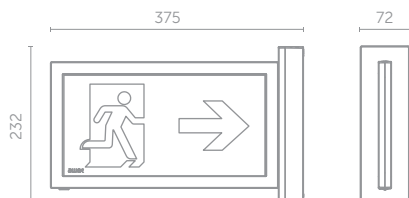
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV2 version • ⁽¹⁾ see accessory for recessed mounting, RW option not available • ⁽²⁾ 1pc of universal pictogram is included in each single box

DIMENSIONS [mm]



⁽²⁾ pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR		
STANDARD	IF2AWS	1W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
		2W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
PREMIUM	IF2AWS	1W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
IF2AWS	1W	F	CB	CBS	X	WH	GR	BL
	2W	F	CB	CBS	X	WH	GR	BL

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
IF2AWS	1W	Z	CB	ADE	ADP	WH	GR	BL
	2W	Z	CB	ADE	ADP	WH	GR	BL

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM	COLOR	
IF2AWS	1W	FZLV	FZLV2	WH GR BL
	2W	FZLV	FZLV2	WH GR BL

LEGEND:

IF2AWS	fixture INFINITY II AW
E, C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
RW	Rubic UNA Wireless central monitoring
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
CBS	central battery for circuit monitoring
ADP	address module for CBS 1.0 – SMART technology
ADE	address module for CBS 2.0 – SMART technology
WH	white color
GR	grey color
BL	black color







INFINITY II AL



AC
220-240V
50-60Hz

DC
176-275V

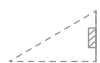
DC
24V

DC
48V

LED

IP40

IK8



d=30m



Ni-Cd



LiFePO₄



KM 618355
BS-EN 60598-2-22

MATERIALS

White, grey or black polycarbonate body • Plexi glass

MOUNTING

Surface • Recessed ⁽¹⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W LED

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP40, IK8

VIEWING DISTANCE

30 m

VIEWING METHOD

Double-sided

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C
Central battery: t_a: 0°C ÷ 50°C

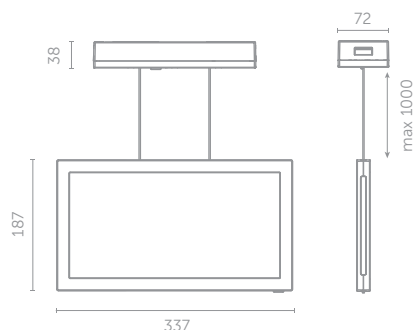
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV2 version • ⁽¹⁾ see accessory for recessed mounting, RW option not available • ⁽²⁾ 1pc of universal pictogram is included in each single box

DIMENSIONS [mm]



⁽²⁾ pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR		
STANDARD	IF2ALS	1W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
		2W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL
PREMIUM	IF2ALS	1W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RW	WH	GR	BL

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
IF2ALS	1W	F	CB	CBS	X	WH	GR	BL
	2W	F	CB	CBS	X	WH	GR	BL

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
IF2ALS	1W	Z	CB	ADE	ADP	WH	GR	BL
	2W	Z	CB	ADE	ADP	WH	GR	BL

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR		
IF2ALS	1W	FZLV	FZLV2	WH	GR	BL
	2W	FZLV	FZLV2	WH	GR	BL

LEGEND:

IF2ALS	fixture INFINITY II AL
E, C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
RW	Rubic UNA Wireless central monitoring
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
CBS	central battery for circuit monitoring
ADP	address module for CBS 1.0 – SMART technology
ADE	address module for CBS 2.0 – SMART technology
WH	white color
GR	grey color
BL	black color



INFINITY II accessories



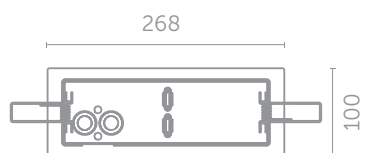
ACCESSORY FOR RECESSED MOUNTING

CODE: IF2/REC/WH

IF2/REC/GR

IF2/REC/BL

DIMENSIONS [mm]



37



FITS TO INFINITY B, AC, AL, AW

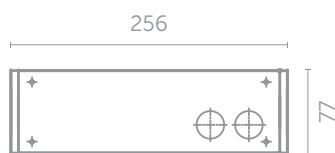


CONCRETE BOX

CODE: IF2/RWC

* REQUIRES AN ACCESSORY FOR
RECESSED MOUNTING (IF2/REC)

DIMENSIONS [mm]

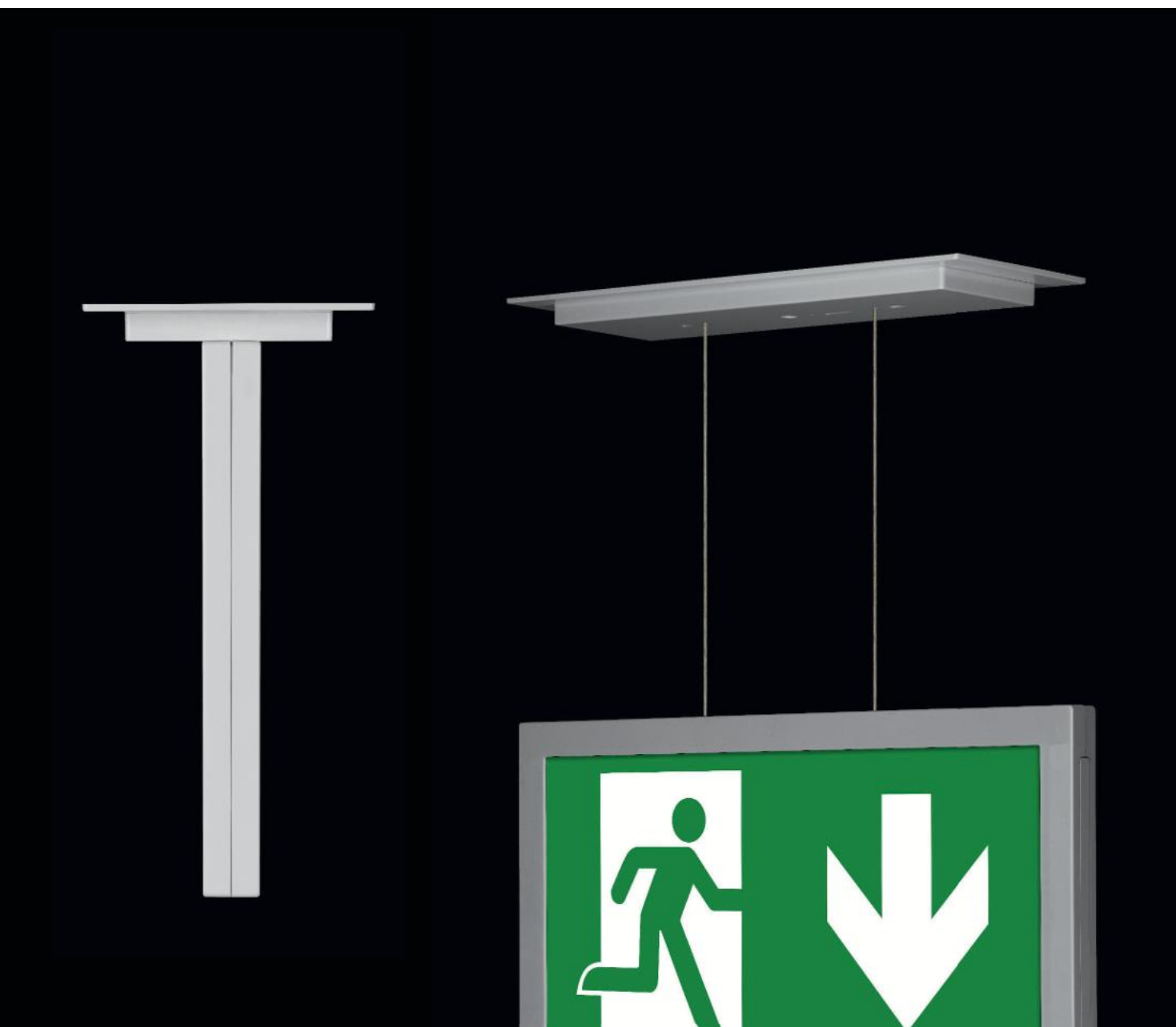


42

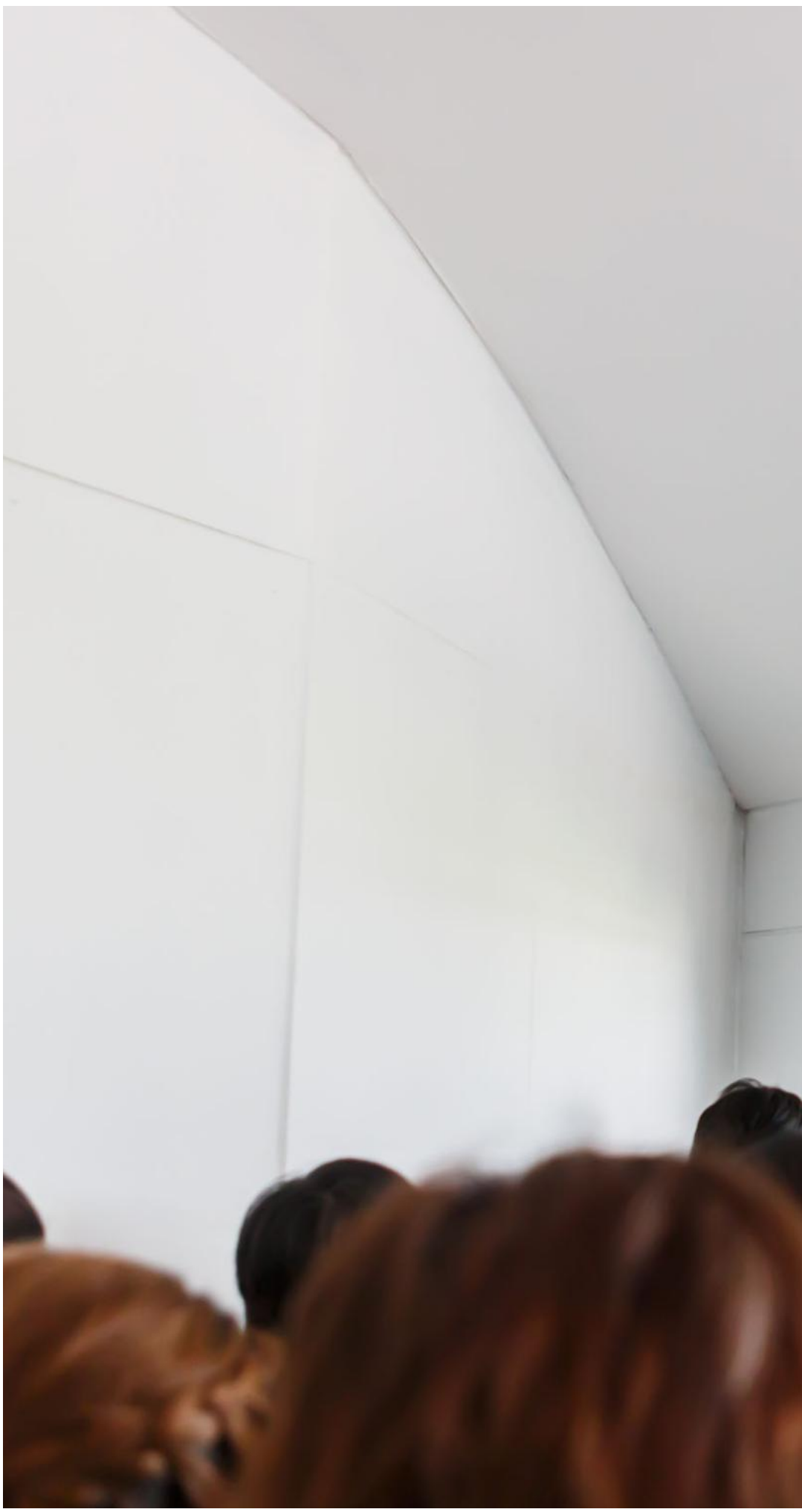


FITS TO INFINITY B, AW



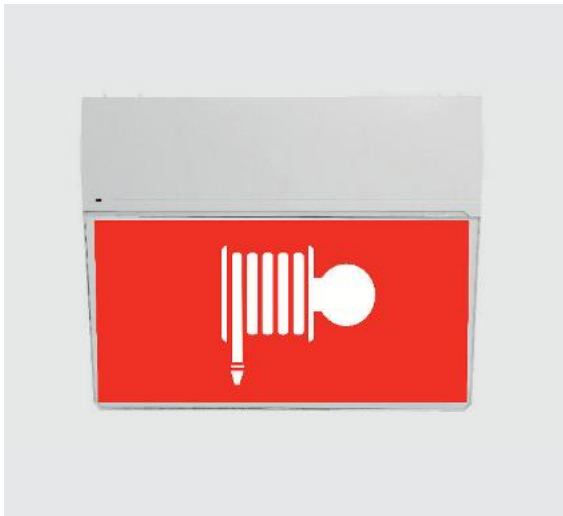


SK-8 family





SK-8 family



SK-8

p. 256



SK-8

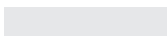
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Multitasking and good design

SK-8 series is a universal escape-sign luminaire designed for surface and flush mounting inside buildings. Its light weight and slim construction makes the light compatible to be incorporated into the surface. The luminaire is made of high-quality components using highly efficient light sources so that it is characterised by above-average parameters in terms of visibility and uniform pictogram backlight. It can be used in office spaces, communication routes, large rooms where 30m viewing distance should be covered.

COLOURS

White

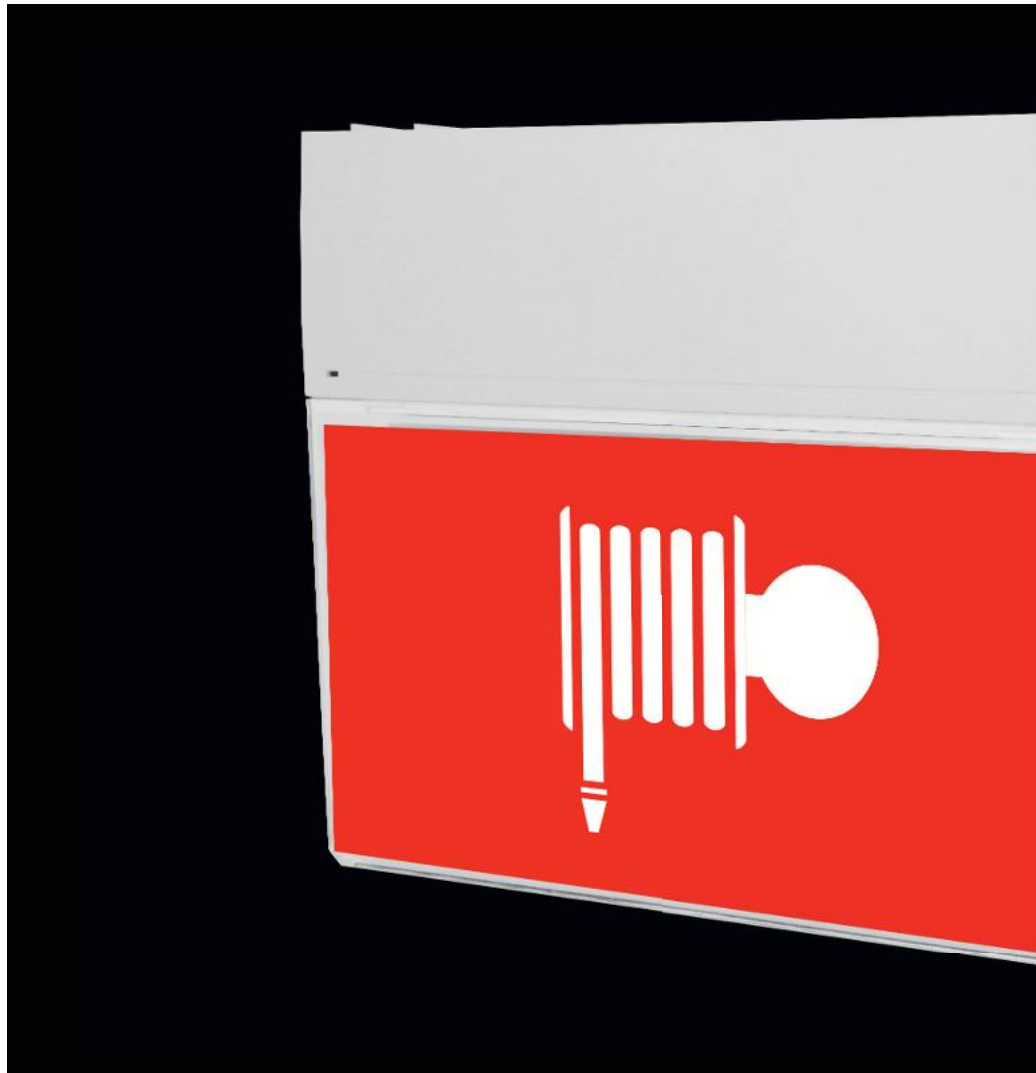


RAL 9003

TYPE OF COVER



OPAL COVER



TRANSPARENT COVER

SK-8

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP44

IK8



KM 618355
BS-EN 60598-2-22



MATERIALS

White polycarbonat body • Transparent polycarbonat cover with lens

MOUNTING

Surface • Recessed ⁽¹⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

3W LED

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP44, IK8

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C
Central battery: t_a: 0°C ÷ 50°C

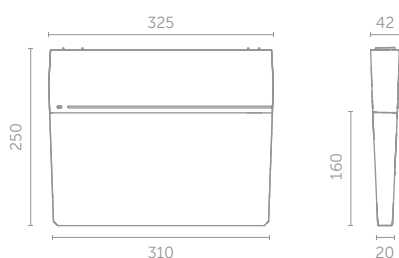
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • Fixture with floor illumination system • III class of insulation of FZLV and FZLV2 version • ⁽¹⁾ see accessory for recessed mounting, RW option not available
• ⁽²⁾ 1pc of universal pictogram is included in each single box

DIMENSIONS [mm]



⁽²⁾ pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR
STANDARD	SK8	3W	E C	1	3	SE	SA	PT	AT	X	WT
PREMIUM	SK8	3W	B	1	3	SE	SA	AT	RU	RW	WT

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]	
	POWER	
STANDARD	3W	175
PREMIUM	3W	190

LEGEND:

SK8	fixture SK-8
E, C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
RW	Rubic UNA Wireless central monitoring
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
CBS	central battery for circuit monitoring
ADP	address module for CBS 1.0 – SMART technology
ADE	address module for CBS 2.0 – SMART technology
WT	white body and transparent cover

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR
SK8	3W	F	CB	CBS	X	WT

OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]	
POWER	
3W	190

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR
SK8	3W	Z	CB	ADE	ADP	WT

OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]	
POWER	
3W	190

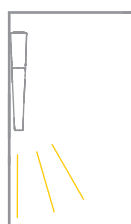
FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR
SK8	3W	FZLV	FZLV2	WT

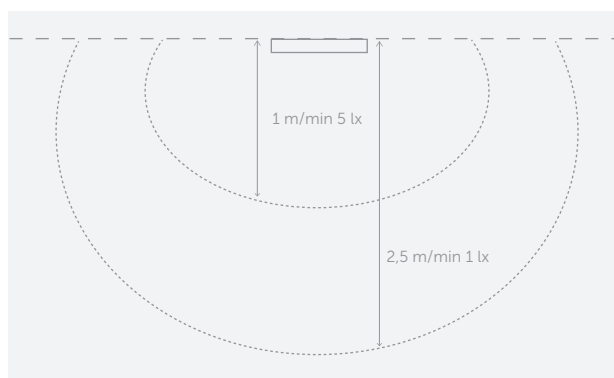
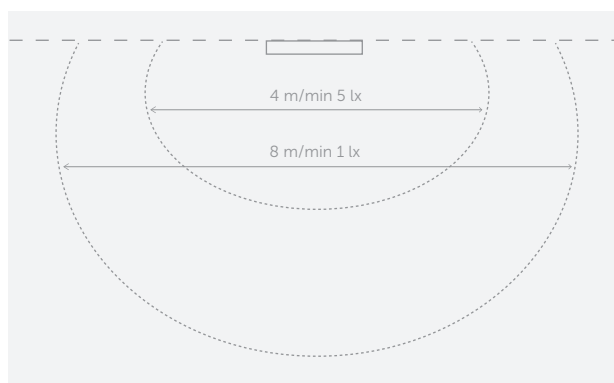
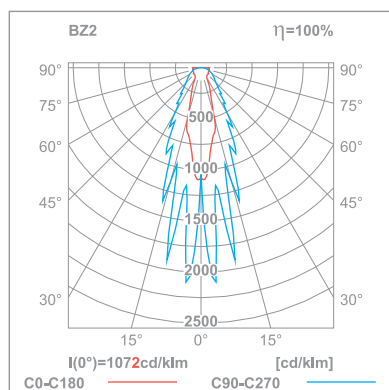
OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]	
POWER	
3W	190

SK-8 EXAMPLE OF PHOTOMETRY



Optic for escape route



simulation for one luminaire and min 1 lx and 5 lx (area)

SK-8

AC
220-240V
50-60Hz

DC
176-275V

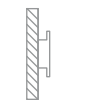
DC
24V

DC
48V

LED

IP44

IK8



Ni-Cd

LiFePO₄



KM 618355
BS-EN 60598-2-22



MATERIALS

White polycarbonate body • Opal polycarbonate cover with lens

MOUNTING

Surface • Recessed ⁽¹⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W LED

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP44, IK8

VIEWING DISTANCE

30 m

VIEWING METHOD

Double-sided

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C
Central battery: t_a: 0°C ÷ 50°C

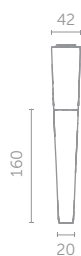
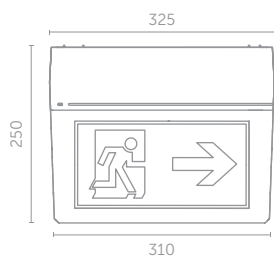
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV2 version • ⁽¹⁾ see accessory for recessed mounting, RW option not available • ⁽²⁾ 1pc of universal pictogram is included in each single box

DIMENSIONS [mm]



⁽²⁾ pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR
STANDARD	SK8	1W	E C	1	3	SE	SA	PT	AT	X	WL
		2W	E C	1	3	SE	SA	PT	AT	X	WL
PREMIUM	SK8	1W	B	1	3	SE	SA	AT	RU	RW	WL
		2W	B	1	3	SE	SA	AT	RU	RW	WL

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR
SK8	1W	F	CB	CBS	X	WL
	2W	F	CB	CBS	X	WL

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR
SK8	1W	Z	CB	ADE	ADP	WL
	2W	Z	CB	ADE	ADP	WL

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR
SK8	1W	FZLV	FZLV2	WL
	2W	FZLV	FZLV2	WL

LEGEND:

SK8	fixture SK-8
E, C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
RW	Rubic UNA Wireless central monitoring
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
CBS	central battery for circuit monitoring
ADP	address module for CBS 1.0 – SMART technology
ADE	address module for CBS 2.0 – SMART technology
WL	white body and opal cover



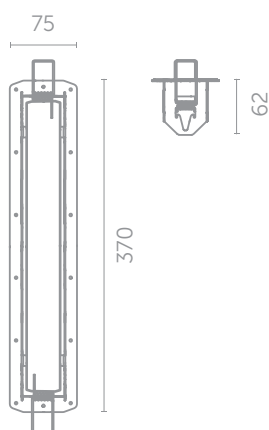
SK-8 accessories



ACCESSORY FOR RECESSED MOUNTING

CODE: SK8/REC

DIMENSIONS [mm]



FITS TO SK-8





ESCAPE ALU family





ESCAPE ALU family



ESCAPE ALU B

p. 266



ESCAPE ALU AC

p. 268



ESCAPE ALU AL

p. 270

CLOSE UP

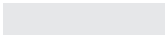


COLOURS

Black aluminum



White aluminum

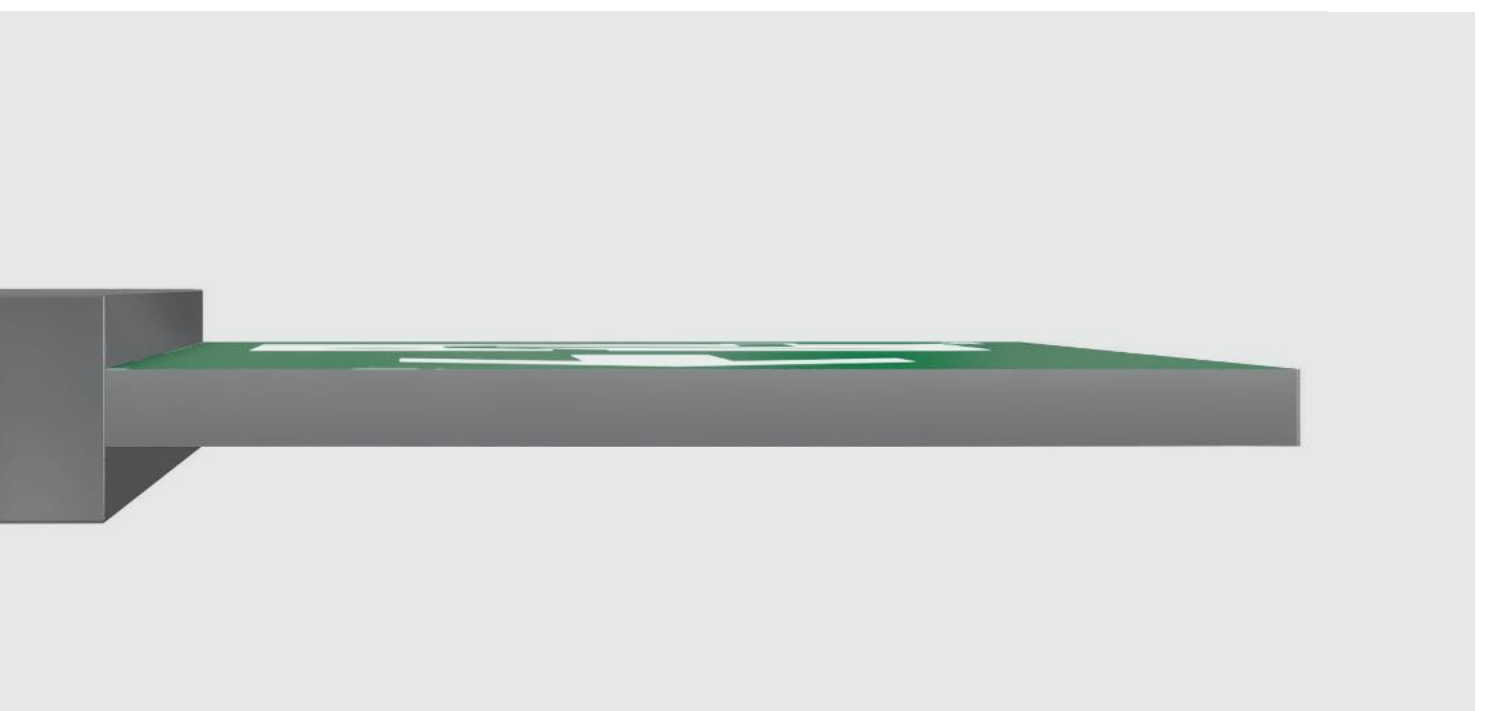


Silver aluminum



High end design

Escape Alu is a new concept of emergency exit signs designed for mounting inside buildings. The decorative light with aluminum body meets the requirements of modern installations. We use high quality components and extremely efficient light sources, which makes the luminary stand out with above-average parameters in terms of visibility and uniformity of the pictogram backlight. It is particularly used in offices, communication corridors and social rooms.



ESCAPE ALU B



AC
220-240V
50-60Hz

DC
176-275V

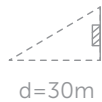
DC
24V

DC
48V

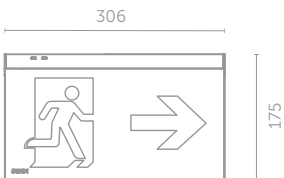
LED

IP20

IK8



MATERIALS	White, black or silver aluminium body • Plexi glass
MOUNTING	Surface
POWER SUPPLY	Self contained – 220 - 240VAC/50 - 60Hz Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC Central battery FZLV II – 48VDC Central battery FZLV – 24VDC
LIGHT SOURCE	2W LED
CHARGING	max. 12h; energy-saving electronic charger
AUTONOMY AND BATTERIES	1h or 3h, LiFePO ₄ 3,2V batteries
INSULATION CLASS	II or III
IP & IK RATING	IP20, IK8
VIEWING DISTANCE	30 m
VIEWING METHOD	Single sided
AMBIENT TEMPERATURE	Self-contained: t _a : 0°C ÷ 40°C Central battery: t _a : 0°C ÷ 50°C
OPTIONS	SE – non maintained • SA – maintained • PT – manual test button • AT – autotest • RU – Rubic UNA central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery
ADDITIONAL INFORMATION	LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV2 version
DIMENSIONS [mm]	



⁽²⁾ pictogram

SELF-CONTAINED CONFIGURATION

CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS				COLOR		
ESB	2W	B	1	3	SE	SA	X	PT	AT	RU	WH	SR	BL

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
ESB	2W	Z	CB	ADE	ADP	WH	SR	BL

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR		
ESB	2W	FZLV2	FZLV	WH	SR	BL

LEGEND:

ESB	fixture ESCAPE ALU B	CB	central battery version
B	electronic gear for PREMIUM self-contained fittings	ADE	address module for CBS 2.0 – SMART technology
Z	electronic gear for addressable central battery fittings	ADP	address module for CBS 1.0 – SMART technology
SE	non-maintained	FZLV2	central battery FZLV II 48 VDC
SA	maintained	FZLV	central battery FZLV 24VDC
PT	manual test button	WH	white color
X	fitting without additional options	SR	silver color
AT	autotest	BL	black color
RU	Rubic UNA central monitoring		



ESCAPE ALU AC

AC
220-240V
50-60Hz

DC
176-275V

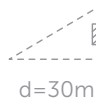
DC
24V

DC
48V

LED

IP20

IK8



MATERIALS

White, black or silver aluminium body • Plexi glass

MOUNTING

Surface
Optionally recessed ⁽¹⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

2W LED

CHARGING

max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

1h or 3h, LiFePO₄ 3,2V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP20, IK8

VIEWING DISTANCE

30 m

VIEWING METHOD

Double-sided

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C **Central battery:** t_a: 0°C ÷ 50°C

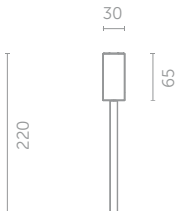
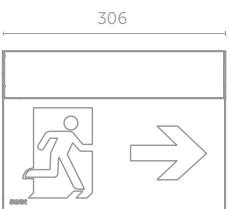
OPTIONS

SE – non maintained • SA – maintained • PT – manual test button • AT – autotest • RU – Rubic UNA central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV2 versions • ⁽¹⁾ see accessory for recessed mounting • ⁽²⁾ 1pc of universal pictogram is included in each single box

DIMENSIONS [mm]



⁽²⁾ pictogram

SELF-CONTAINED CONFIGURATION

CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS				COLOR		
ESAC	2W	B	1	3	SE	SA	X	PT	AT	RU	WH	SR	BL

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
ESAC	2W	Z	CB	ADE	ADP	WH	SR	BL

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR		
ESAC	2W	FZLV2	FZLV	WH	SR	BL

LEGEND:

ESAC	fixture ESCAPE ALU AC	CB	central battery version
B	electronic gear for PREMIUM self-contained fittings	ADE	address module for CBS 2.0 – SMART technology
Z	electronic gear for addressable central battery fittings	ADP	address module for CBS 1.0 – SMART technology
SE	non-maintained	FZLV2	central battery FZLV II 48 VDC
SA	maintained	FZLV	central battery FZLV 24VDC
PT	manual test button	WH	white color
X	fitting without additional options	SR	silver color
AT	autotest	BL	black color
RU	Rubic UNA central monitoring		



ESCAPE ALU AL

AC
220-240V
50-60Hz

DC
176-275V

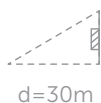
DC
24V

DC
48V

LED

IP20

IK8



MATERIALS

White, black or silver aluminium body • Plexi glass

MOUNTING

Surface
Optionally recessed¹

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

2W LED

CHARGING

max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

1h or 3h, LiFePO₄ 3,2V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP20, IK8

VIEWING DISTANCE

30 m

VIEWING METHOD

Double-sided

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C **Central battery:** t_a: 0°C ÷ 50°C

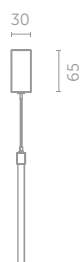
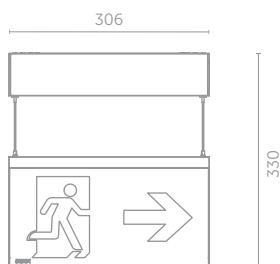
OPTIONS

SE – non maintained • SA – maintained • PT – manual test button • AT – autotest • RU – Rubic UNA central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV2 versions • ⁽¹⁾ see accessory for recessed mounting • ⁽²⁾ 1pc of universal pictogram is included in each single box

DIMENSIONS [mm]



⁽²⁾ pictogram

SELF-CONTAINED CONFIGURATION

CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS				COLOR		
ESAL	2W	B	1	3	SE	SA	X	PT	AT	RU	WH	SR	BL

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
ESAL	2W	Z	CB	ADE	ADP	WH	SR	BL

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR		
ESAL	2W	FZLV2	FZLV	WH	SR	BL

LEGEND:

ESAL	fixture ESCAPE ALU AL	CB	central battery version
B	electronic gear for PREMIUM self-contained fittings	ADE	address module for CBS 2.0 – SMART technology
Z	electronic gear for addressable central battery fittings	ADP	address module for CBS 1.0 – SMART technology
SE	non-maintained	FZLV2	central battery FZLV II 48 VDC
SA	maintained	FZLV	central battery FZLV 24VDC
PT	manual test button	WH	white color
X	fitting without additional options	SR	silver color
AT	autotest	BL	black color
RU	Rubic UNA central monitoring		



ESCAPE ALU accessories



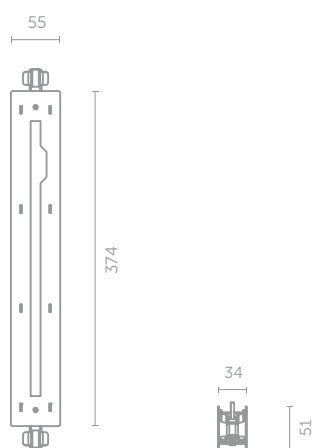
ACCESSORY FOR RECESSED MOUNTING

CODE: ES/REC/WH

ES/REC/GR

ES/REC/BL

DIMENSIONS [mm]



FITS TO ESCAPE ALU (AL, AC)





TWINS family





TWINS family



TWINS

p. 278

Design and clarity

TWINS series is a decorative type escape-sign luminaires designed for surface wall/ceiling mounting inside buildings. Aluminium construction is available in white/silver colours. The luminaire is made of high-quality components using highly efficient light sources so that it is characterised by above-average parameters in terms of visibility and uniform pictogram backlight. Open area, or communication routes where 30 m viewing distance should be covered requires this type of luminaire.

COLOURS

Black aluminum



Silver aluminum



CLOSE UP





TWINS

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP40

IK8



d=30m



KM 618355
BS-EN 60598-2-22



MATERIALS

Silver or black aluminium body • Plexi glass

MOUNTING

Surface • Surface on a rope sling ⁽¹⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W LED

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

I or III

IP & IK RATING

IP41, IK8

VIEWING DISTANCE

30 m

VIEWING METHOD

Double-sided

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C
Central battery: t_a: 0°C ÷ 50°C

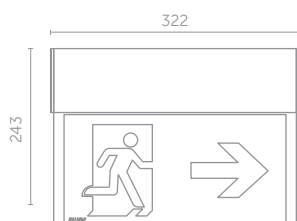
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV2 version • ⁽¹⁾ see accessory for mounting on a rope sling • ⁽²⁾ 1pc of universal pictogram is included in each single box

DIMENSIONS [mm]



⁽²⁾ pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR	
STANDARD	TW	1W	E C	1	3	SE	SA	PT	AT	X	SR	BL
		2W	E C	1	3	SE	SA	PT	AT	X	SR	BL
PREMIUM	TW	1W	B	1	3	SE	SA	AT	RU		SR	BL
		2W	B	1	3	SE	SA	AT	RU		SR	BL

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR	
TW	1W	F	CB	CBS	X	SR	BL
	2W	F	CB	CBS	X	SR	BL

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR	
TW	1W	Z	CB	ADE	ADP	SR	BL
	2W	Z	CB	ADE	ADP	SR	BL

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR	
TW	1W	FZLV	FZLV2	SR	BL
	2W	FZLV	FZLV2	SR	BL

LEGEND:

TW	fixture TWINS
E, C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
CBS	central battery for circuit monitoring
ADP	address module for CBS 1.0 – SMART technology
ADE	address module for CBS 2.0 – SMART technology
SR	silver color
BL	black color



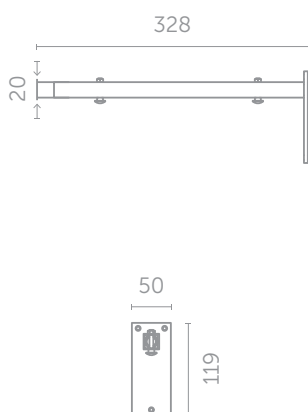
TWINS accessories



WALL BRACKET 90°

CODE: 1009/SR
1009/BL

DIMENSIONS [mm]



FITS TO TWINS



SUSPENSION ROPES

CODE: 1006/SR
1006/BL

DIMENSIONS [mm]



FITS TO TWINS





PLEXI LED family





PLEXI LED family



PLEXI LED

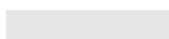
p. 286

Durable housing

PLEXI LED series is a classic line of escape-sign luminaires with stainless steel body designed for flush mounting inside buildings. The luminaire is made of high-quality components using highly efficient light sources so that it is characterised by above-average parameters in terms of visibility and uniform pictogram backlight. Communication routes where 30 m viewing distance should be covered requires this type of luminaire.

COLOURS

White



RAL 9003

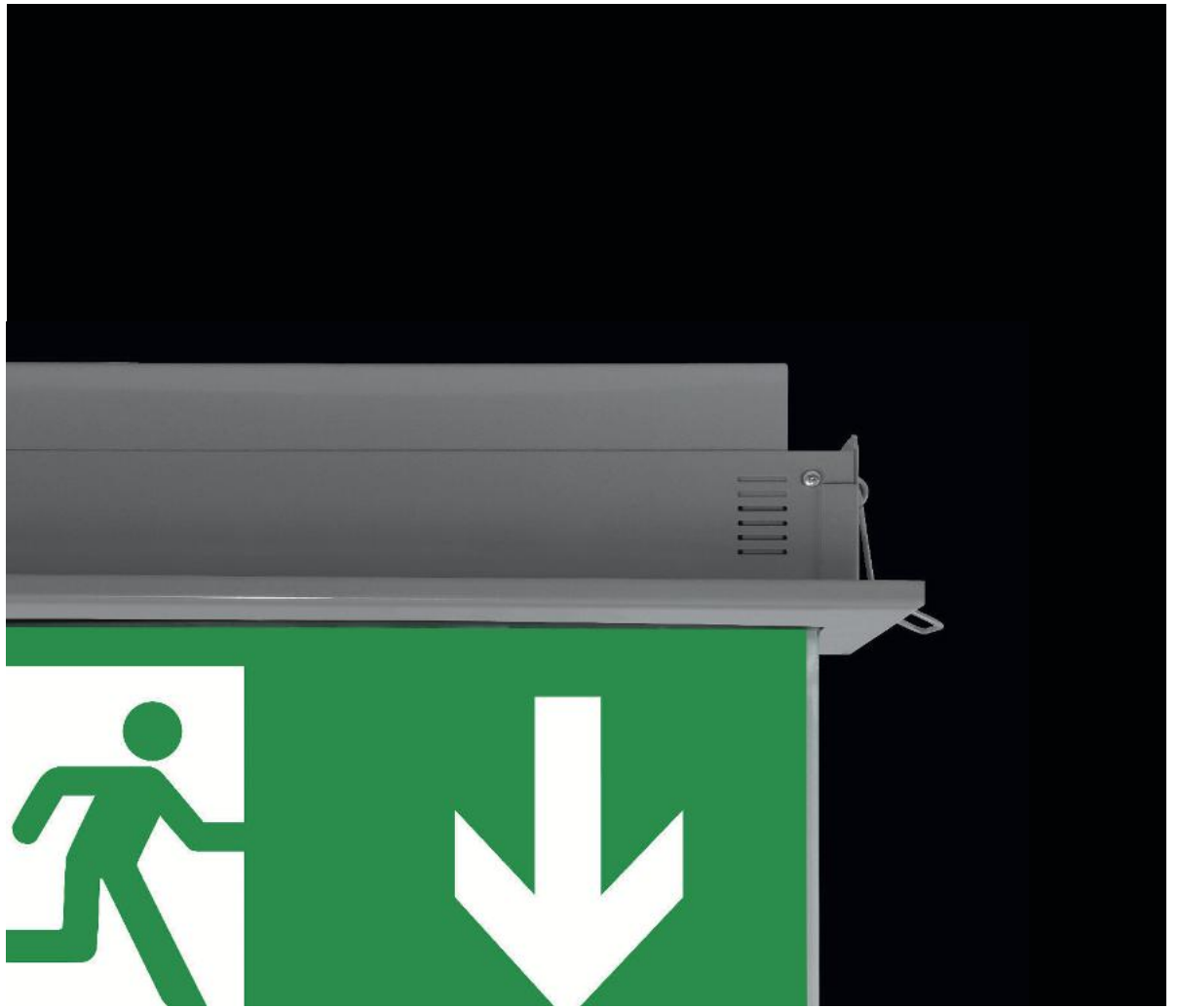
Grey



RAL 7045

CLOSE UP





PLEXI LED

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP40

IK8



d=30m



Ni-Cd

LiFePO₄



KM 618355
BS-EN 60598-2-22



MATERIALS

Grey or white steel body • Plexi glass

MOUNTING

Recessed

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W LED

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

I or III

IP & IK RATING

IP20, IK8

VIEWING DISTANCE

30 m

VIEWING METHOD

Double-sided

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C
Central battery: t_a: 0°C ÷ 50°C

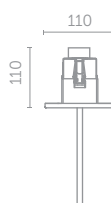
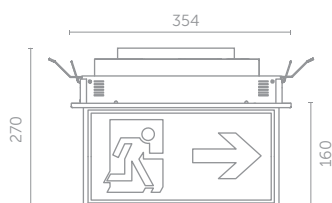
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV2 version • ⁽¹⁾ 1pc of universal pictogram is included in each single box

DIMENSIONS [mm]



⁽¹⁾ pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR	
STANDARD	PL	1W	E C	1	3	SE	SA	PT	AT	X	GR	WH
		2W	E C	1	3	SE	SA	PT	AT	X	GR	WH
PREMIUM	PL	1W	B	1	3	SE	SA	AT	RU		GR	WH
		2W	B	1	3	SE	SA	AT	RU		GR	WH

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR	
PL	1W	F	CB	CBS	X	GR	WH
	2W	F	CB	CBS	X	GR	WH

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR	
PL	1W	Z	CB	ADE	ADP	GR	WH
	2W	Z	CB	ADE	ADP	GR	WH

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR	
PL	1W	FZLV	FZLV2	GR	WH
	2W	FZLV	FZLV2	GR	WH

LEGEND:

PL	fixture PLEXI LED
E, C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
CBS	central battery for circuit monitoring
ADP	address module for CBS 1.0 – SMART technology
ADE	address module for CBS 2.0 – SMART technology
WH	white color
GR	grey color



CUBE family





CUBE family



CUBE

p. 292



CUBE L

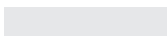
p. 294

For special applications

CUBE series is a conventional multi-directional escape-sign luminaire for surface or suspended mounting. It's designed to be visible from all possible directions of evacuation and to meet the requirements of large surfaces. The luminaire is made of high-quality components using highly efficient light areas so that it is characterised by above-average parameters in terms of visibility and uniform pictogram backlight. Energy efficient LED technology, metal body and use of plexi-glass ensures the high strength and durability of the luminaire. With its visibility, it is able to cover large open space areas, public transport stations or at crossed corridors.

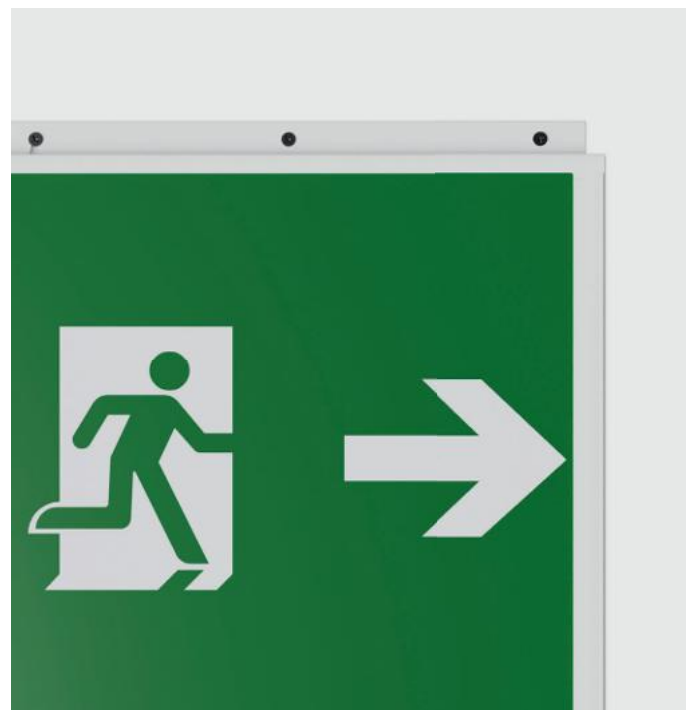
COLOURS

White



RAL 9003

CLOSE UP



PICTOGRAM ILLUMINATION



FLOOR ILLUMINATION

CUBE



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP41



d=25m



Ni-Cd

LiFePO₄

MATERIALS

Steel painted white • Opal polycarbonate cover

MOUNTING

Surface • Optionally pendant ⁽¹⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

3W, 6W LED

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

I or III

IP RATING

IP41

VIEWING DISTANCE

25 m

VIEWING METHOD

Four-sided

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C
Central battery: t_a: 0°C ÷ 50°C

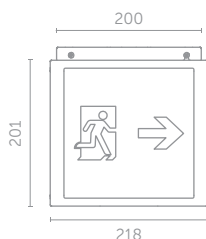
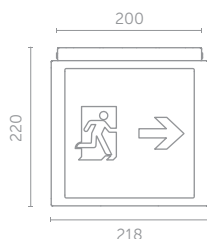
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV2 version • Fixture with floor illumination system
• ⁽¹⁾ see accessory for pendant mounting • ⁽²⁾ 1pc of universal pictogram is included in each single box

DIMENSIONS [mm]



⁽²⁾ pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR
STANDARD	CU	3W	C	1	3	SE	SA	PT	AT	X	WH
PREMIUM	CU CUD	3W	B	1	3	SE	SA	AT	RU		WH
		6W*	B	1	3	SE	SA	AT	RU		WH

* power in emergency mode

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR
CU CUD	3W	F	CB	CBS	X	WH
	6W	F	CB	CBS	X	WH

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR
CU CUD	3W	Z	CB	ADE	ADP	WH
	6W	Z	CB	ADE	ADP	WH

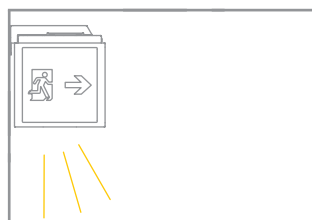
FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR
CU	3W	FZLV	FZLV2	WH

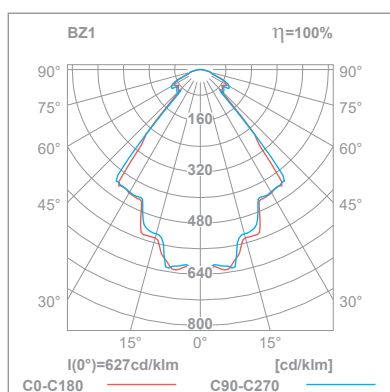
LEGEND:

CU	fixture CUBE
CUD	fixture CUBE with floor illumination
C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
CBS	central battery for circuit monitoring
ADP	address module for CBS 1.0 – SMART technology
ADE	address module for CBS 2.0 – SMART technology
WH	white color

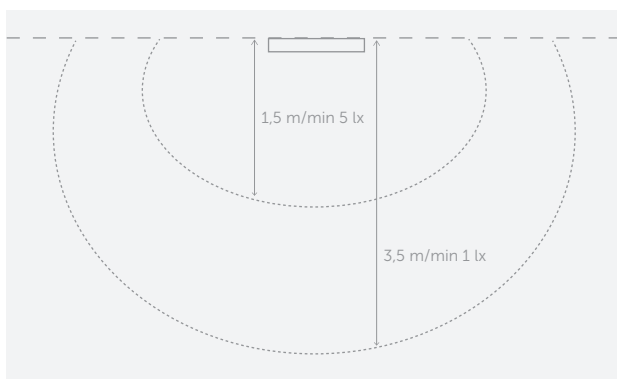
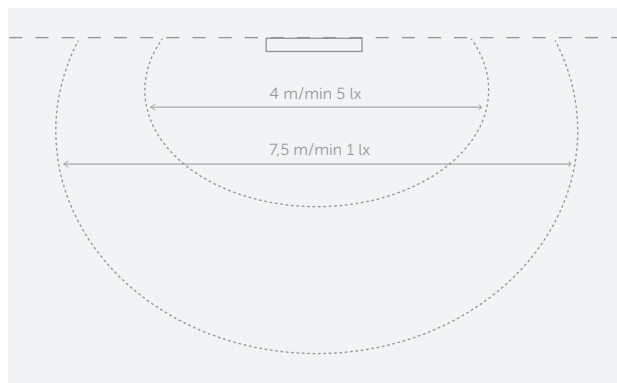
CUBE EXAMPLE OF PHOTOMETRY



Floor illumination system



simulation for one luminaire and min 1 lx and 5 lx (area)



CUBE L



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP41



d=40m



Ni-Cd

LiFePO₄

MATERIALS

Steel painted white • Opal polycarbonate cover

MOUNTING

Surface • Optionally pendant ⁽¹⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

3W, 6W LED

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

I or III

IP RATING

IP41

VIEWING DISTANCE

40 m

VIEWING METHOD

Four-sided

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C
Central battery: t_a: 0°C ÷ 50°C

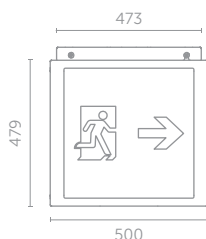
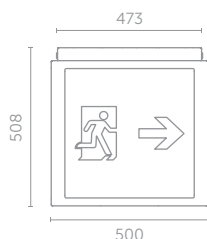
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • III class of insulation of FZLV and FZLV2 version • Fixture with floor illumination system
• ⁽¹⁾ see accessory for pendant mounting • ⁽²⁾ 1pc of universal pictogram is included in each single box

DIMENSIONS [mm]



⁽²⁾ pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR
STANDARD	CUL	3W	C	1	3	SE	SA	PT	AT	X	WH
PREMIUM	CUL CULD	3W	B	1	3	SE	SA	AT	RU		WH
		6W*	B	1	3	SE	SA	AT	RU		WH

* power in emergency mode

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR
CUL CULD	3W	F	CB	CBS	X	WH
	6W	F	CB	CBS	X	WH

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR
CUL CULD	3W	Z	CB	ADE	ADP	WH
	6W	Z	CB	ADE	ADP	WH

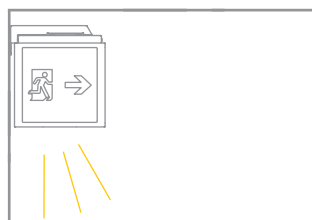
FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR
CUL	3W	FZLV	FZLV2	WH

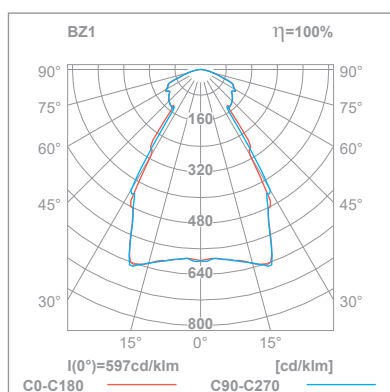
LEGEND:

CUL	fixture CUBE L
CULD	fixture CUBE L with floor illumination
C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
CBS	central battery for circuit monitoring
ADP	address module for CBS 1.0 – SMART technology
ADE	address module for CBS 2.0 – SMART technology
WH	white color

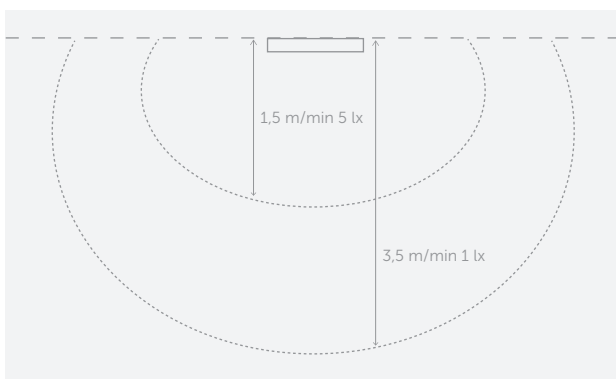
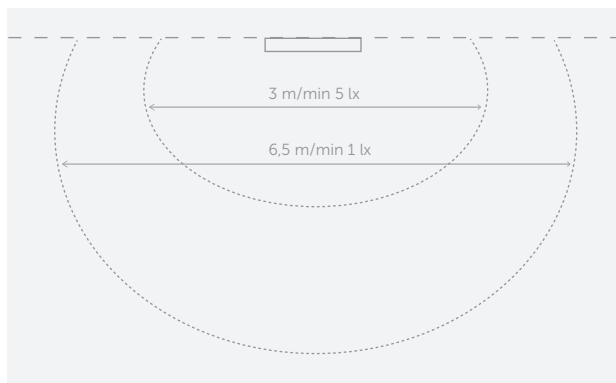
CUBE L EXAMPLE OF PHOTOMETRY



Floor illumination system



simulation for one luminaire and min 1 lx and 5 lx (area)



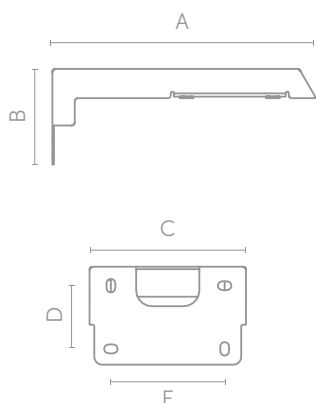
CUBE accessories



WALL BRACKET

CODE: CU/AW - CUBE
CUL/AW - CUBE L

DIMENSIONS [mm]



Dimensions (mm): (AxBxCxDxE):

CUBE: 62x171x99x40x72

CUBE L: 110x367x208x70x150

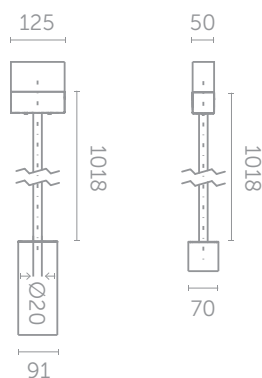
FITS TO CUBE, CUBE L



ACCESSORY FOR PENDANT MOUNTING

CODE: CU/PEN

DIMENSIONS [mm]



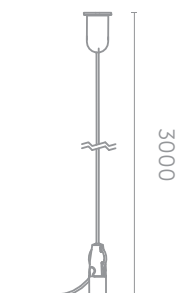
FITS TO CUBE



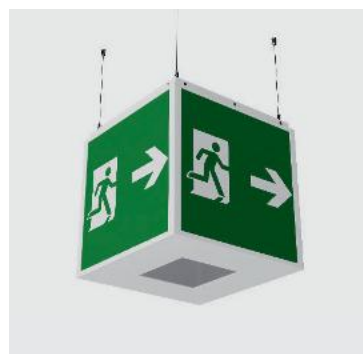
SUSPENSION ROPES

CODE: 1016

DIMENSIONS [mm]



FITS TO CUBE L





PICTOGRAMS and symbols





Pictograms

PICTOGRAMS (COMPLIANT WITH PN-EN ISO 7010:2012)



CODE: PS22
DIMENSIONS [mm]: 100x300
FITS TO TIGER LED (TL, TSL)

CODE: PN22
DIMENSIONS [mm]: 100x200
FITS TO EXIT S (ETS)
FITS TO WONDER (WINDO, WNDP)

CODE: PM22, PS22F*
DIMENSIONS [mm]: 125x250
FITS TO EXIT M (ETE)
FITS TO HELIOS LED (HL, HEL, HDL, HDEL)
FITS TO ARROW (ARN, ARP)*

CODE: PB22, PD22F*, PL22F**
DIMENSIONS [mm]: 150x300
FITS TO ESCAPE ALU (ESB, ESAC, ESAL)
FITS TO TWINS (TW)
FITS TO INFINITY II (IF2B, IF2AC, IF2AW, IF2AL)*
FITS TO SK-8 (SK-8)
FITS TO EXIT L (ETL)**



CODE: PS23
DIMENSIONS [mm]: 100x300
FITS TO TIGER LED (TL, TSL)

CODE: PN23
DIMENSIONS [mm]: 100x200
FITS TO EXIT S (ETS)
FITS TO WONDER (WINDO, WNDP)

CODE: PM23, PS23F*
DIMENSIONS [mm]: 125x250
FITS TO EXIT M (ETE)
FITS TO HELIOS LED (HL, HEL, HDL, HDEL)
FITS TO ARROW (ARN, ARP)*

CODE: PB23, PD23F*, PL23F**
DIMENSIONS [mm]: 150x300
FITS TO ESCAPE ALU (ESB, ESAC, ESAL)
FITS TO TWINS (TW)
FITS TO INFINITY II (IF2B, IF2AC, IF2AW, IF2AL)*
FITS TO SK-8 (SK-8)
FITS TO EXIT L (ETL)**



CODE: PS24
DIMENSIONS [mm]: 100x300
FITS TO TIGER LED (TL, TSL)

CODE: PN24
DIMENSIONS [mm]: 100x200
FITS TO EXIT S (ETS)
FITS TO WONDER (WINDO, WNDP)

CODE: PM24, PS24F*
DIMENSIONS [mm]: 125x250
FITS TO EXIT M (ETE)
FITS TO HELIOS LED (HL, HEL, HDL, HDEL)
FITS TO ARROW (ARN, ARP)*

CODE: PB24, PD24F*, PL24F**
DIMENSIONS [mm]: 150x300
FITS TO ESCAPE ALU (ESB, ESAC, ESAL)
FITS TO TWINS (TW)
FITS TO INFINITY II (IF2B, IF2AC, IF2AW, IF2AL)*
FITS TO SK-8 (SK-8)
FITS TO EXIT L (ETL)**



CODE: PS25
DIMENSIONS [mm]: 100x300
FITS TO TIGER LED (TL, TSL)

CODE: PN25
DIMENSIONS [mm]: 100x200
FITS TO EXIT S (ETS)
FITS TO WONDER (WINDO, WNDP)

CODE: PM25, PS25F*
DIMENSIONS [mm]: 125x250
FITS TO EXIT M (ETE)
FITS TO HELIOS LED (HL, HEL, HDL, HDEL)
FITS TO ARROW (ARN, ARP)*

CODE: PB25, PD25F*, PL25F**
DIMENSIONS [mm]: 150x300
FITS TO ESCAPE ALU (ESB, ESAC, ESAL)
FITS TO TWINS (TW)
FITS TO INFINITY II (IF2B, IF2AC, IF2AW, IF2AL)*
FITS TO SK-8 (SK-8)
FITS TO EXIT L (ETL)**



CODE: PS26
DIMENSIONS [mm]: 100x300
FITS TO TIGER LED (TL, TSL)

CODE: PN26
DIMENSIONS [mm]: 100x200
FITS TO EXIT S (ETS)
FITS TO WONDER (WINDO, WNDP)

CODE: PM26, PS26F*
DIMENSIONS [mm]: 125x250
FITS TO EXIT M (ETE)
FITS TO HELIOS LED (HL, HEL, HDL, HDEL)
FITS TO ARROW (ARN, ARP)*

CODE: PB26, PD26F*, PL26F**
DIMENSIONS [mm]: 150x300
FITS TO ESCAPE ALU (ESB, ESAC, ESAL)
FITS TO TWINS (TW)
FITS TO INFINITY II (IF2B, IF2AC, IF2AW, IF2AL)*
FITS TO SK-8 (SK-8)
FITS TO EXIT L (ETL)**



CODE: PS27
DIMENSIONS [mm]: 100x300
FITS TO TIGER LED (TL, TSL)

CODE: PN27
DIMENSIONS [mm]: 100x200
FITS TO EXIT S (ETS)
FITS TO WONDER (WINDO, WNDP)

CODE: PM27, PS27F*
DIMENSIONS [mm]: 125x250
FITS TO EXIT M (ETE)
FITS TO HELIOS LED (HL, HEL, HDL, HDEL)
FITS TO ARROW (ARN, ARP)*

CODE: PB27, PD27F*, PL27F**
DIMENSIONS [mm]: 150x300
FITS TO ESCAPE ALU (ESB, ESAC, ESAL)
FITS TO TWINS (TW)
FITS TO INFINITY II (IF2B, IF2AC, IF2AW, IF2AL)*
FITS TO SK-8 (SK-8)
FITS TO EXIT L (ETL)**

ADDITIONAL PICTOGRAMS



CODE: PS28
DIMENSIONS [mm]: 100x300
FITS TO TIGER LED (TL, TSL)

CODE: PN28
DIMENSIONS [mm]: 100x200
FITS TO EXIT S (ETS)
FITS TO WONDER (WNDO, WNDP)

CODE: PM28, PS28F*
DIMENSIONS [mm]: 125x250
FITS TO EXIT M (ETE)
FITS TO HELIOS LED (HL, HEL, HDL, HDEL)
FITS TO ARROW (ARN, ARP)*

CODE: PB28, PD28F*, PL28F**
DIMENSIONS [mm]: 150x300
FITS TO ESCAPE ALU (ESB, ESAC, ESAL)
FITS TO TWINS (TW)
FITS TO INFINITY II (IF2B, IF2AC, IF2AW, IF2AL)*
FITS TO SK-8 (SK-8)
FITS TO EXIT L (ETL)**



CODE: PS62
DIMENSIONS [mm]: 100x300
FITS TO TIGER LED (TL, TSL)

CODE: PN62
DIMENSIONS [mm]: 100x200
FITS TO EXIT S (ETS)
FITS TO WONDER (WNDO, WNDP)

CODE: PM62, PS26F*
DIMENSIONS [mm]: 125x250
FITS TO EXIT M (ETE)
FITS TO HELIOS LED (HL, HEL, HDL, HDEL)
FITS TO ARROW (ARN, ARP)*

CODE: PB62, PD62F*, PL62F**
DIMENSIONS [mm]: 150x300
FITS TO ESCAPE ALU (ESB, ESAC, ESAL)
FITS TO TWINS (TW)
FITS TO INFINITY II (IF2B, IF2AC, IF2AW, IF2AL)*
FITS TO SK-8 (SK-8)
FITS TO EXIT L (ETL)**

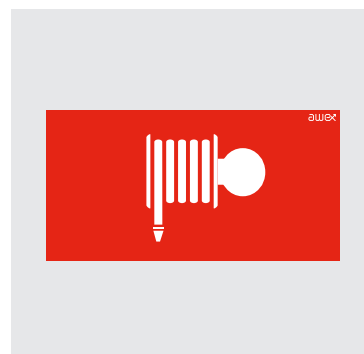


CODE: PS29
DIMENSIONS [mm]: 100x300
FITS TO TIGER LED (TL, TSL)

CODE: PN29
DIMENSIONS [mm]: 100x200
FITS TO EXIT S (ETS)
FITS TO WONDER (WNDO, WNDP)

CODE: PM29, PS29F*
DIMENSIONS [mm]: 125x250
FITS TO EXIT M (ETE)
FITS TO HELIOS LED (HL, HEL, HDL, HDEL)
FITS TO ARROW (ARN, ARP)*

CODE: PB29, PD29F*, PL29F**
DIMENSIONS [mm]: 150x300
FITS TO ESCAPE ALU (ESB, ESAC, ESAL)
FITS TO TWINS (TW)
FITS TO INFINITY II (IF2B, IF2AC, IF2AW, IF2AL)*
FITS TO SK-8 (SK-8)
FITS TO EXIT L (ETL)**



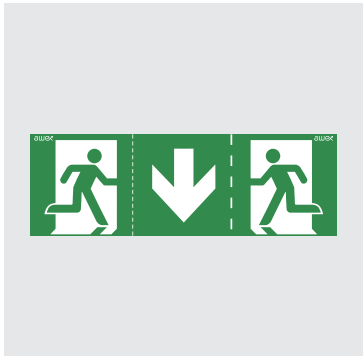
CODE: PS61
DIMENSIONS [mm]: 100x300
FITS TO TIGER LED (TL, TSL)

CODE: PN61
DIMENSIONS [mm]: 100x200
FITS TO EXIT S (ETS)
FITS TO WONDER (WNDO, WNDP)

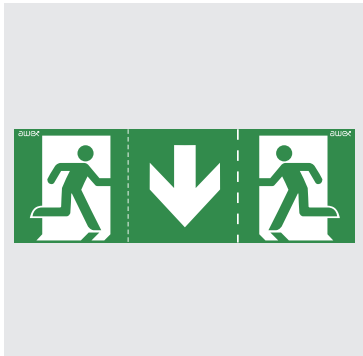
CODE: PM61, PS61F*
DIMENSIONS [mm]: 125x250
FITS TO EXIT M (ETE)
FITS TO HELIOS LED (HL, HEL, HDL, HDEL)
FITS TO ARROW (ARN, ARP)*

CODE: PB61, PD61F*, PL61F**
DIMENSIONS [mm]: 150x300
FITS TO ESCAPE ALU (ESB, ESAC, ESAL)
FITS TO TWINS (TW)
FITS TO INFINITY II (IF2B, IF2AC, IF2AW, IF2AL)*
FITS TO SK-8 (SK-8)
FITS TO EXIT L (ETL)**

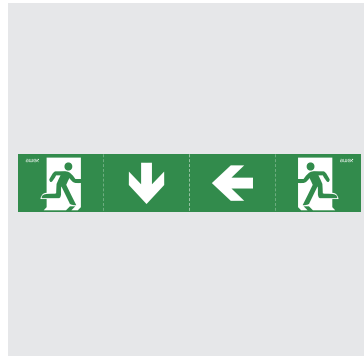
VERSATILE PICTOGRAM SETS (COMPLIANT WITH PN-EN ISO 7010:2012)



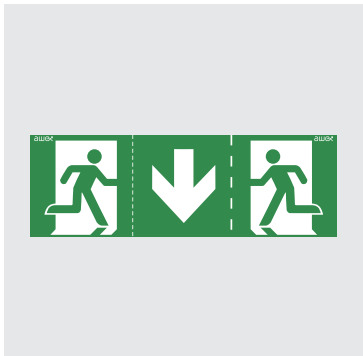
CODE: PU31
DIMENSIONS [mm]: 125x250 (125x375)
FITS TO EXIT M (ETE)
FITS TO HELIOS LED (HL, HEL, HDL, HDEL)
FITS TO ARROW (ARN, ARP)



CODE: PU32
DIMENSIONS [mm]: 150x300 (150x450)
FITS TO TWINS (TW)
FITS TO INFINITY II (IF2B, IF2AC, IF2AW, IF2AL)
FITS TO SK-8 (SK-8)
FITS TO EXIT L (ETL)

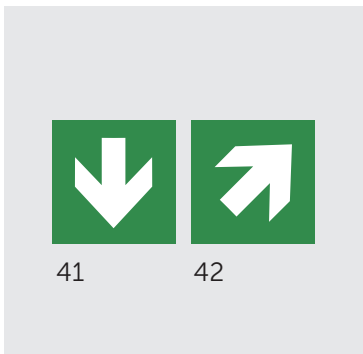


CODE: PU33
DIMENSIONS [mm]: 100x300 (150x600)
FITS TO TIGER LED (TL, TSL)

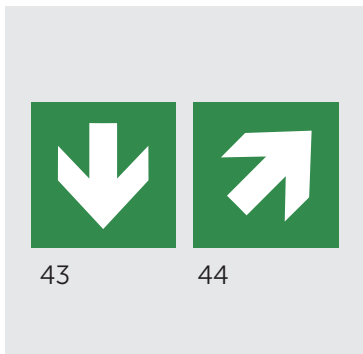


CODE: PU34
DIMENSIONS [mm]: 100x200 (100x300)
FITS TO EXIT S (ETS)
FITS TO WONDER (WNDO, WNDP)

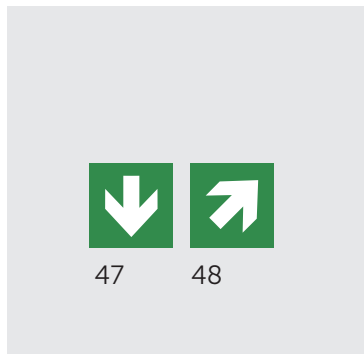
ARROW SIGNS (COMPLIANT WITH PN-EN ISO 7010:2012)



CODE: PU41, PU42
DIMENSIONS [mm]: 125x125
FITS TO EXIT M (ETE)
FITS TO HELIOS LED (HL, HEL, HDL, HDEL)
FITS TO ARROW (ARN, ARP)



CODE: PU43, PU44
DIMENSIONS [mm]: 150x150
FITS TO TWINS (TW)
FITS TO INFINITY II (IF2B, IF2AC, IF2AW, IF2AL)
FITS TO SK-8 (SK-8)
FITS TO EXIT L (ETL)



CODE: PU47, PU48
DIMENSIONS [mm]: 100x100
FITS TO EXIT S (ETS)

Used symbols



The product meets the requirements in accordance with the European Directive



The product compliance with European standards



The Product compliance with the British Standards Institution requirements



Insulation class III



Insulation class II



Insulation class I



Type of used battery LiFePO₄



Type of used battery Ni-Cd



Mounting of emergency escape lighting fittings – surface / ceiling



Mounting of emergency escape lighting fittings – recessed / ceiling



Mounting of emergency escape lighting fittings – surface / wall



Mounting of emergency escape lighting fittings – recessed / wall



One-sided emergency exit sign



Double-sided emergency exit sign



Four-sided emergency exit sign



Motion sensor



Dusk sensor



Viewing distance d=40 m

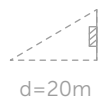


Viewing distance d=30 m



Viewing distance d=25 m

USED SYMBOLS



Viewing distance d=20 m



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

AC
220-240V
50-60Hz

The permissible range of AC input voltage

DC
176-275V

The permissible range of DC input voltage

DC
24V

Safety extra low voltage 24VDC SELV

DC
48V

Safety extra low voltage 48VDC SELV

LED

Light source type - LED

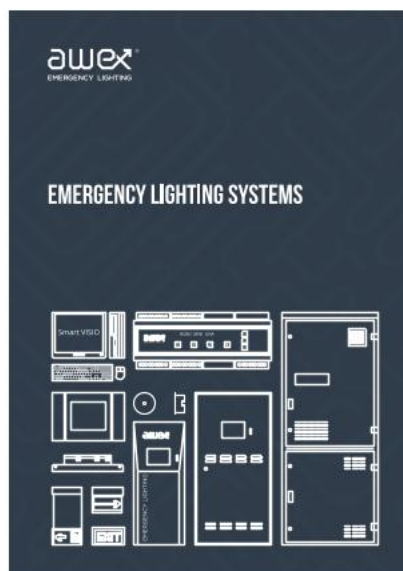
IP20

Protection class IP

IK10

Protection against mechanical impact

Information about our systems are included in other catalogs:



available at www.awex.eu



EMERGENCY LIGHTING

www.awex.eu

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