awex®

EMERGENCY LIGHTING

GENERAL CATALOG 22.1.

WE CARE ABOUT SAFETY

EMERGENCY LIGHTING

Photographs and parameters of the products shown in this catalogue are for reference only and cannot be relied upon as a legal offer. Certain parameters of supplied products may differ from the parameters of the products described in this catalogue.
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

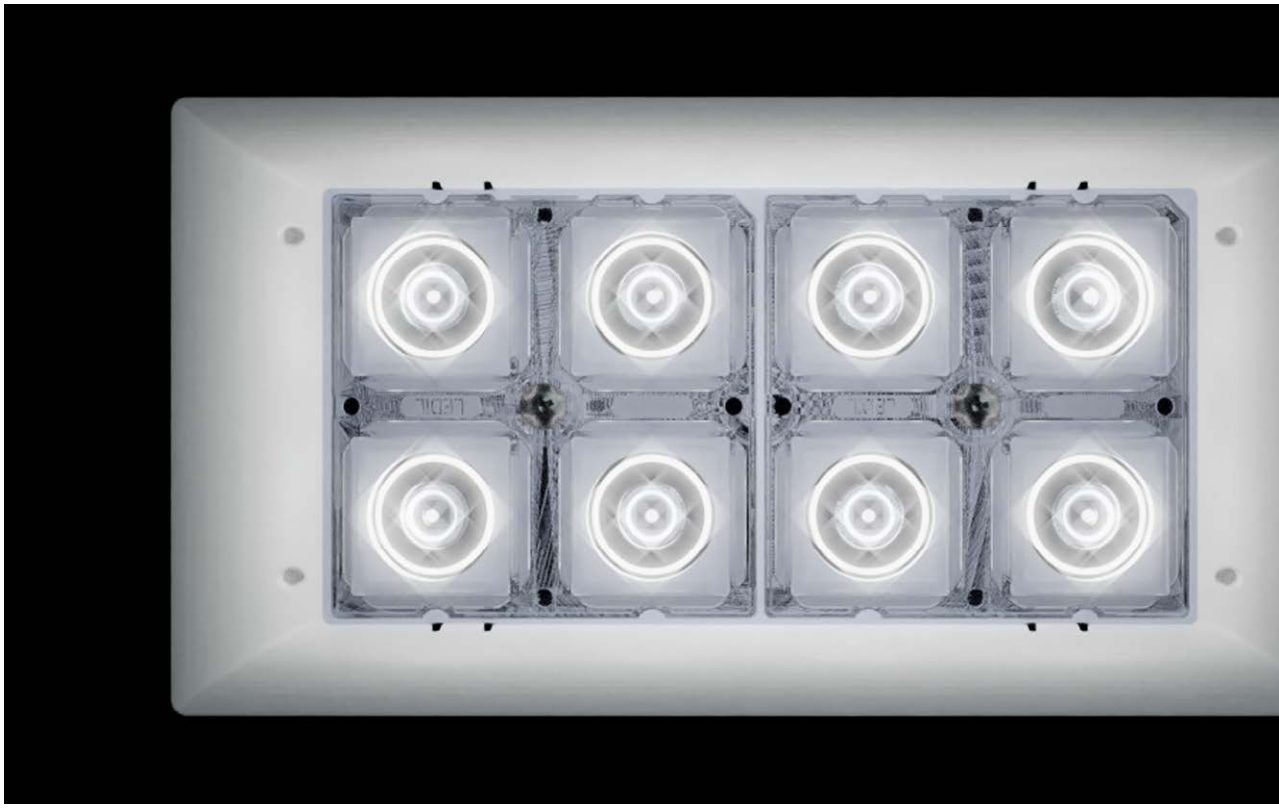
Is one of the important key values of AWEX. We challenge ourselves to maintain the product quality according to the changing customer demands. For that we have a wing of experienced people with technical excellency. We never compromise on the quality. Therefore we select highest quality components and 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.



Families:

LOVATO 3 p. 24

LOVATO N 3 p. 28
EMERGENCY ESCAPE LIGHTING

LOVATO P 3 p. 32
EMERGENCY ESCAPE LIGHTING

ACCESSORIES p. 36

AX 3 p. 38

AXN 3 p. 42
EMERGENCY ESCAPE LIGHTING

AXP 3 p. 46
EMERGENCY ESCAPE LIGHTING

ACCESSORIES p. 50

LOVATO p. 52

LOVATO II p. 56
EMERGENCY ESCAPE LIGHTING

LOVATO P p. 60
EMERGENCY ESCAPE LIGHTING

ACCESSORIES p. 64

AX p. 66

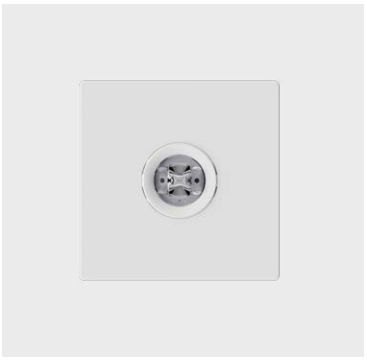
AXN p. 70
EMERGENCY ESCAPE LIGHTING

AXP p. 74
EMERGENCY ESCAPE LIGHTING

MICRO SPOT p. 78

MICRO SPOT p. 82
EMERGENCY ESCAPE LIGHTING

MICRO SPOT Round p. 86
EMERGENCY ESCAPE LIGHTING



MICRO SPOT Square p. 90
EMERGENCY ESCAPE LIGHTING

EYE LED p. 94

EYE LED Round p. 98
EMERGENCY ESCAPE LIGHTING

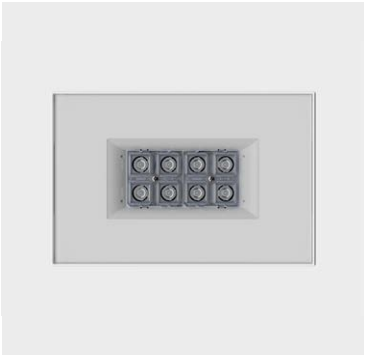
EYE LED Square p. 102
EMERGENCY ESCAPE LIGHTING

Families:

TEY p. 106

TEY p. 110
EMERGENCY ESCAPE LIGHTING

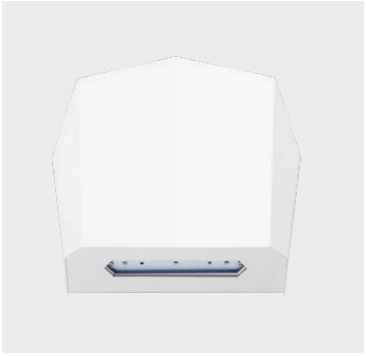
MX p. 114



MX p. 118
EMERGENCY ESCAPE LIGHTING

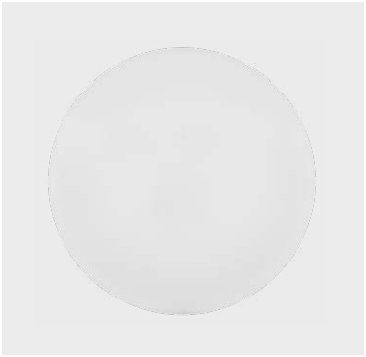
ACCESSORIES p. 122

OUTDOOR LED p. 124



OUTDOOR LED p. 128
EMERGENCY ESCAPE LIGHTING

EDGE p. 132



EDGE R p. 136
EMERGENCY ESCAPE LIGHTING

EDGE S p. 140
EMERGENCY ESCAPE LIGHTING

ACCESSORIES p. 144

HELIOS p. 146

HELIOS LED p. 150
EMERGENCY ESCAPE LIGHTING

HELIOS LED p. 154
EMERGENCY EXIT LIGHTING

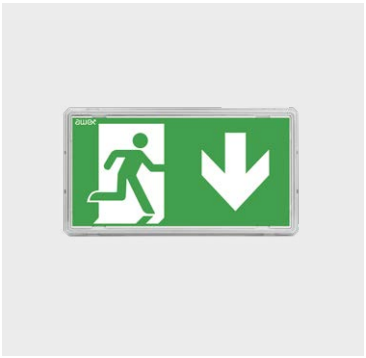
HELIOS DS LED p. 156
EMERGENCY EXIT LIGHTING

ACCESSORIES p. 158

Families:

EXIT p. 160

EXIT S p. 164
EMERGENCY ESCAPE LIGHTING



EXIT S p. 168
EMERGENCY EXIT LIGHTING

EXIT M p. 172
EMERGENCY ESCAPE LIGHTING

EXIT M p. 176
EMERGENCY EXIT LIGHTING

EXIT M DS p. 178
EMERGENCY ESCAPE LIGHTING

EXIT L p. 182
EMERGENCY ESCAPE LIGHTING

EXIT L p. 186
EMERGENCY EXIT LIGHTING

ACCESSORIES p. 188

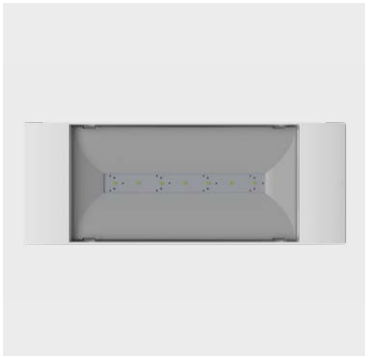
IK2 W p. 194

IK2 W p. 198
EMERGENCY ESCAPE LIGHTING

IK2 W p. 202
EMERGENCY EXIT LIGHTING

ACCESSORIES p. 204

WONDER p. 206



WONDER p. 210
EMERGENCY ESCAPE LIGHTING

WONDER p. 212
EMERGENCY EXIT LIGHTING

ACCESSORIES p. 214

ARROW p. 216

ARROW N p. 220
EMERGENCY ESCAPE LIGHTING

ARROW N p. 224
EMERGENCY EXIT LIGHTING

ACCESSORIES p. 232

ARROW P p. 226
EMERGENCY ESCAPE LIGHTING

ARROW P p. 230
EMERGENCY EXIT LIGHTING

Families:

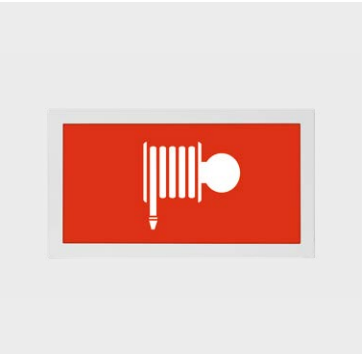
TIGER LED p. 234

TIGER LED p. 238
EMERGENCY ESCAPE LIGHTING

TIGER LED p. 242
EMERGENCY EXIT LIGHTING

TIGER DS LED p. 244
EMERGENCY EXIT LIGHTING

INFINITY II p. 246



INFINITY II p. 250
EMERGENCY ESCAPE LIGHTING

INFINITY II B p. 254
EMERGENCY EXIT LIGHTING

INFINITY II AC p. 258
EMERGENCY EXIT LIGHTING

INFINITY II AW p. 262
EMERGENCY EXIT LIGHTING

INFINITY II AL p. 266
EMERGENCY EXIT LIGHTING

ACCESSORIES p. 268

SK-8 p. 270

SK-8 p. 274
EMERGENCY ESCAPE LIGHTING

SK-8 p. 276
EMERGENCY EXIT LIGHTING

ACCESSORIES p. 278

ESCAPE ALU p. 280

ESCAPE ALU B p. 284
EMERGENCY EXIT LIGHTING

ESCAPE ALU AC p. 286
EMERGENCY EXIT LIGHTING

ESCAPE ALU AL p. 288
EMERGENCY EXIT LIGHTING

ESCAPE ALU AR p. 290
EMERGENCY EXIT LIGHTING

ESCAPE ALU AW p. 292
EMERGENCY EXIT LIGHTING

ACCESSORIES p. 294

Families:

TWINS p. 296

TWINS p. 300
EMERGENCY EXIT LIGHTING

ACCESSORIES p. 302

PLEXI LED p. 304

PLEXI LED p. 308
EMERGENCY EXIT LIGHTING

CUBE 2 p. 310

CUBE 2 p. 314
EMERGENCY EXIT LIGHTING

ACCESSORIES p. 316

SCREEN 2 p. 318

SCREEN 2 S p. 322
EMERGENCY EXIT LIGHTING

SCREEN 2 M p. 324
EMERGENCY EXIT LIGHTING

SCREEN 2 L p. 326
EMERGENCY EXIT LIGHTING

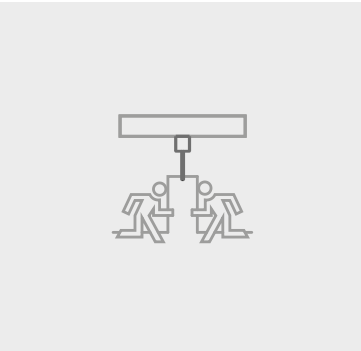
ACCESSORIES p. 328

Optics, pictograms and symbols:

OPTICS, PICTOGRAMS AND SYMBOLS

OPTICS p. 22
EMERGENCY ESCAPE

PICTOGRAMS p. 330



SYMBOLS p. 335

Types:

EMERGENCY ESCAPE LIGHTING

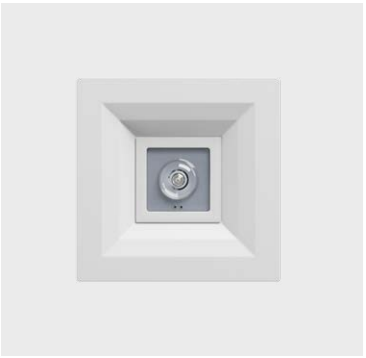
LOVATO N 3 p. 28
EMERGENCY ESCAPE LIGHTING

LOVATO P 3 p. 32
EMERGENCY ESCAPE LIGHTING

AXN 3 p. 42
EMERGENCY ESCAPE LIGHTING

AXP 3 p. 46
EMERGENCY ESCAPE LIGHTING

LOVATO II p. 56
EMERGENCY ESCAPE LIGHTING



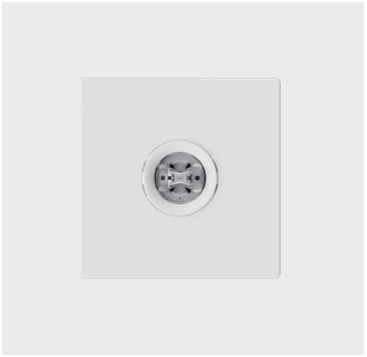
LOVATO P p. 60
EMERGENCY ESCAPE LIGHTING

AXN p. 70
EMERGENCY ESCAPE LIGHTING

AXP p. 74
EMERGENCY ESCAPE LIGHTING

MICRO SPOT p. 82
EMERGENCY ESCAPE LIGHTING

MICRO SPOT Round p. 86
EMERGENCY ESCAPE LIGHTING

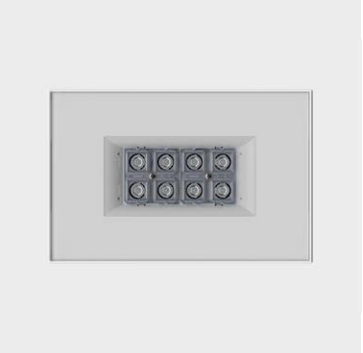


MICRO SPOT Square p. 90
EMERGENCY ESCAPE LIGHTING

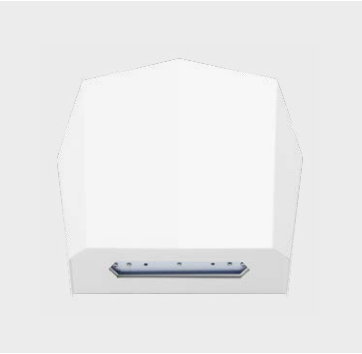
EYE LED Round p. 98
EMERGENCY ESCAPE LIGHTING

EYE LED Square p. 102
EMERGENCY ESCAPE LIGHTING

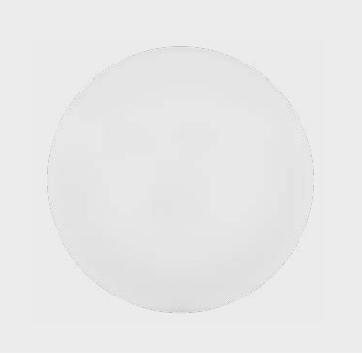
TEY p. 110
EMERGENCY ESCAPE LIGHTING



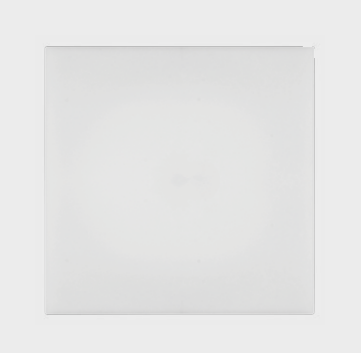
MX p. 118
EMERGENCY ESCAPE LIGHTING



OUTDOOR LED p. 128
EMERGENCY ESCAPE LIGHTING



EDGE R p. 136
EMERGENCY ESCAPE LIGHTING



EDGE S p. 140
EMERGENCY ESCAPE LIGHTING

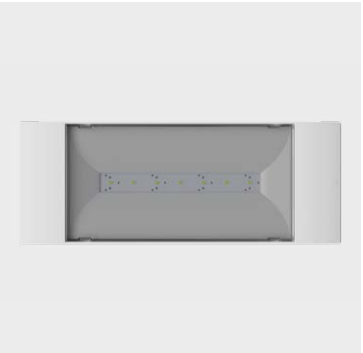
HELIOS LED p. 150
EMERGENCY ESCAPE LIGHTING

EXIT S p. 164
EMERGENCY ESCAPE LIGHTING

EXIT M p. 172
EMERGENCY ESCAPE LIGHTING

EXIT L p. 182
EMERGENCY ESCAPE LIGHTING

IK2 W p. 198
EMERGENCY ESCAPE LIGHTING



WONDER p. 210
EMERGENCY ESCAPE LIGHTING

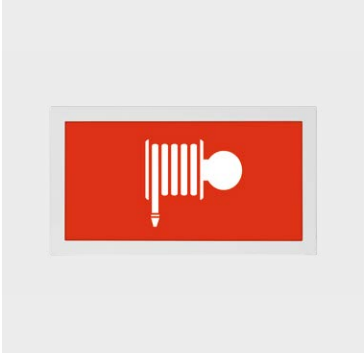
Types:

EMERGENCY ESCAPE LIGHTING

ARROW N p. 220
EMERGENCY ESCAPE LIGHTING

ARROW P p. 226
EMERGENCY ESCAPE LIGHTING

TIGER LED p. 238
EMERGENCY ESCAPE LIGHTING



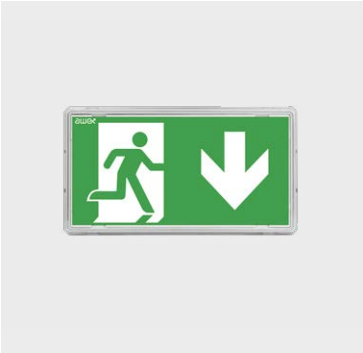
INFINITY II p. 250
EMERGENCY ESCAPE LIGHTING

SK-8 p. 274
EMERGENCY ESCAPE LIGHTING

EMERGENCY EXIT LIGHTING

HELIOS LED p. 154
EMERGENCY EXIT LIGHTING

HELIOS DS LED p. 156
EMERGENCY EXIT LIGHTING



EXIT S p. 168
EMERGENCY EXIT LIGHTING

EXIT M p. 176
EMERGENCY EXIT LIGHTING

EXIT M DS p. 178
EMERGENCY ESCAPE LIGHTING

EXIT L p. 186
EMERGENCY EXIT LIGHTING

IK2 W p. 202
EMERGENCY EXIT LIGHTING

WONDER p. 212
EMERGENCY EXIT LIGHTING

ARROW N p. 224
EMERGENCY EXIT LIGHTING

ARROW P p. 230
EMERGENCY EXIT LIGHTING

TIGER LED p. 242
EMERGENCY EXIT LIGHTING

TIGER DS LED p. 244
EMERGENCY EXIT LIGHTING

Types:

EMERGENCY EXIT LIGHTING

INFINITY II B p. 254
EMERGENCY EXIT LIGHTING

INFINITY II AC p. 258
EMERGENCY EXIT LIGHTING

INFINITY II AW p. 262
EMERGENCY EXIT LIGHTING

INFINITY II AL p. 266
EMERGENCY EXIT LIGHTING

SK-8 p. 276
EMERGENCY EXIT LIGHTING

ESCAPE ALU B p. 284
EMERGENCY EXIT LIGHTING

ESCAPE ALU AC p. 286
EMERGENCY EXIT LIGHTING

ESCAPE ALU AL p. 288
EMERGENCY EXIT LIGHTING

ESCAPE ALU AR p. 290
EMERGENCY EXIT LIGHTING

ESCAPE ALU AW p. 292
EMERGENCY EXIT LIGHTING

TWINS p. 300
EMERGENCY EXIT LIGHTING

PLEXI LED p. 308
EMERGENCY EXIT LIGHTING

CUBE 2 p. 314
EMERGENCY EXIT LIGHTING

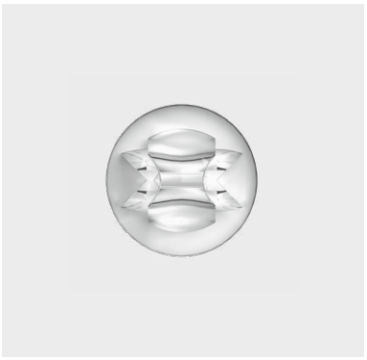
SCREEN 2 S p. 322
EMERGENCY EXIT LIGHTING

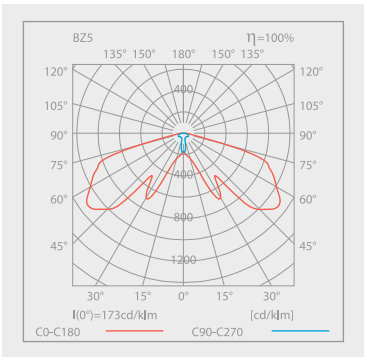
SCREEN 2 M p. 324
EMERGENCY EXIT LIGHTING

SCREEN 2 L p. 326
EMERGENCY EXIT LIGHTING

Optics:

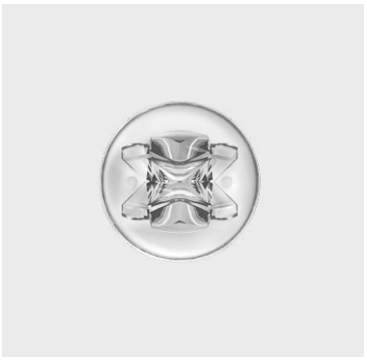
OPTIC C

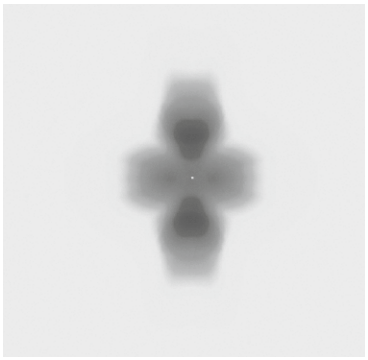


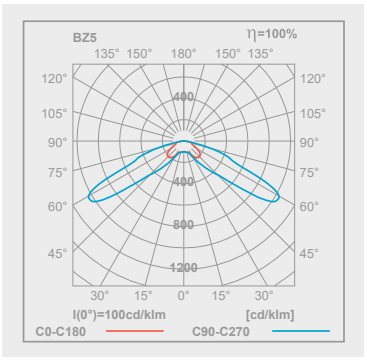


DESCRIPTION: DESIGNED TO ILLUMINATE NARROW CORRIDORS OR ESCAPE ROUTES WITH ASYMMETRIC NARROW BEAM.
APPLICATION: CORRIDORS OF OFFICES, HOTELS AND RESIDENTIAL BUILDINGS, RACKING AISLE SPACE IN SHOPS/WAREHOUSES.

OPTIC R

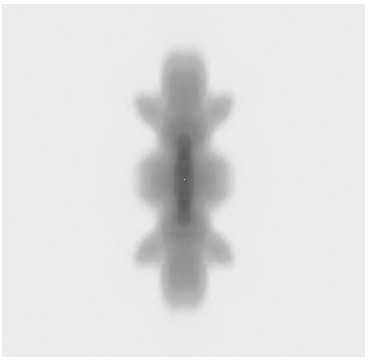


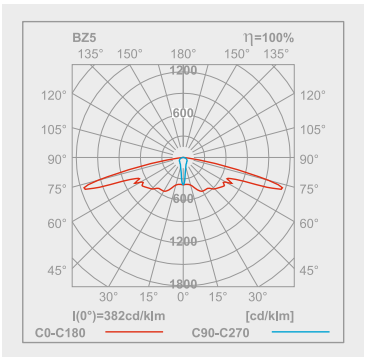




DESCRIPTION: DESIGNED TO ILLUMINATE CORRIDORS OR ESCAPE ROUTES WITH A WIDTH GREATER THAN 2M AND MEDIUM CEILING HEIGHT.
APPLICATION: GARAGES, RESIDENTIAL AND OFFICE BUILDINGS, HEALTHCARE BUILDINGS.

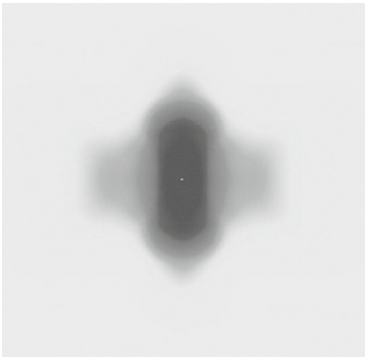
OPTIC R1

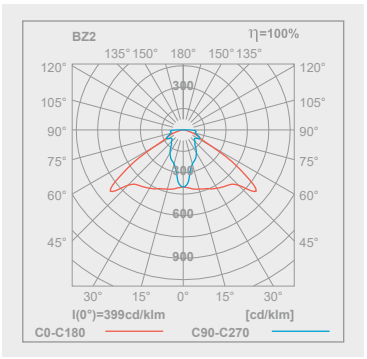




DESCRIPTION: DESIGNED TO ILLUMINATE CORRIDORS OR ESCAPE ROUTES WITH A WIDTH GREATER THAN 3M AND SMALL CEILING HEIGHT.
APPLICATION: RESIDENTIAL, OFFICES AND HEALTHCARE BUILDINGS.

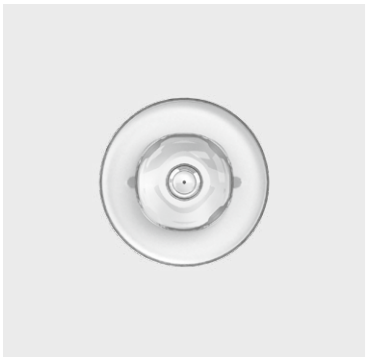
OPTIC R2

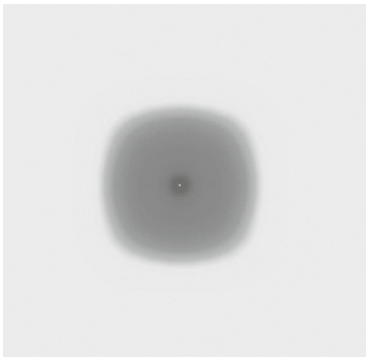


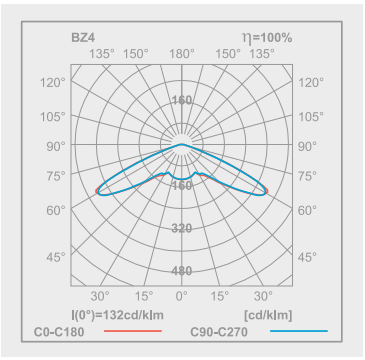


DESCRIPTION: DESIGNED TO ILLUMINATE CORRIDORS OR ESCAPE ROUTES WITH A WIDTH GREATER THAN 2M AND LARGE CEILING HEIGHT AND FOR THE AREAS WHERE HIGH INTENSITY OF EMERGENCY LIGHT IS REQUIRED.
APPLICATION: SHOPPING ARCADES, LOBBIES, HALLS AND CORRIDORS REQUIRING INCREASED EMERGENCY LIGHT INTENSITY.

OPTIC O

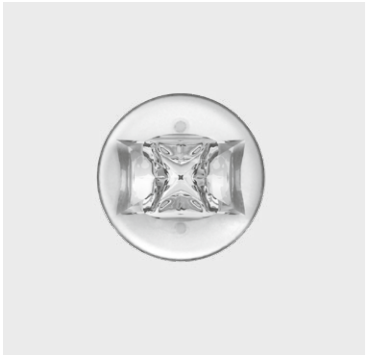


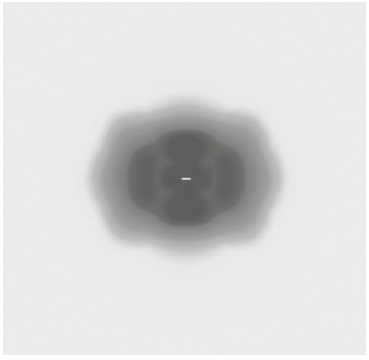


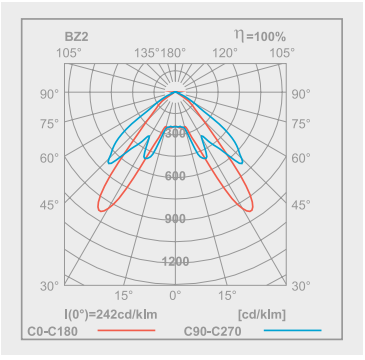


DESCRIPTION: DESIGNED TO ILLUMINATE LARGE AREAS EVEN FROM A SMALL HEIGHT WITH WIDE SYMMETRICAL LIGHT DISTRIBUTION.
APPLICATION: OPEN AREAS, GARAGES, CINEMA THEATERS, PRODUCTION HALLS.

OPTIC U

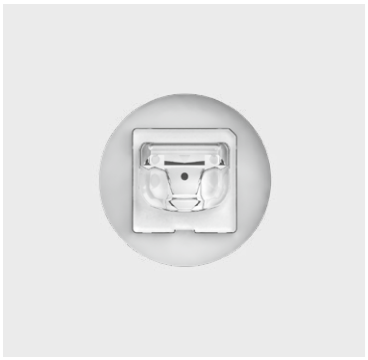


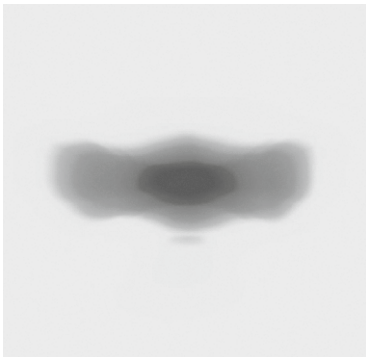


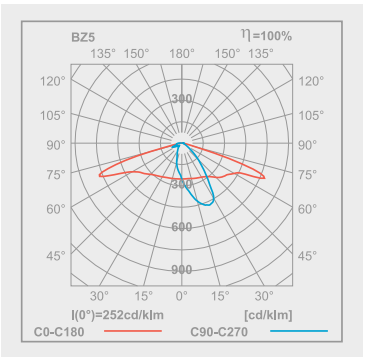


DESCRIPTION: DESIGNED TO ILLUMINATE OPEN AREAS WITH MEDIUM AND HIGH CEILING HEIGHTS AND FOR THE AREAS REQUIRING HIGHER LIGHT INTENSITY.
APPLICATION: HOTEL LOBBIES, CONFERENCE HALLS, PRODUCTION HALLS.

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

LOVATO N 3 p. 28

LOVATO P 3 p. 32

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

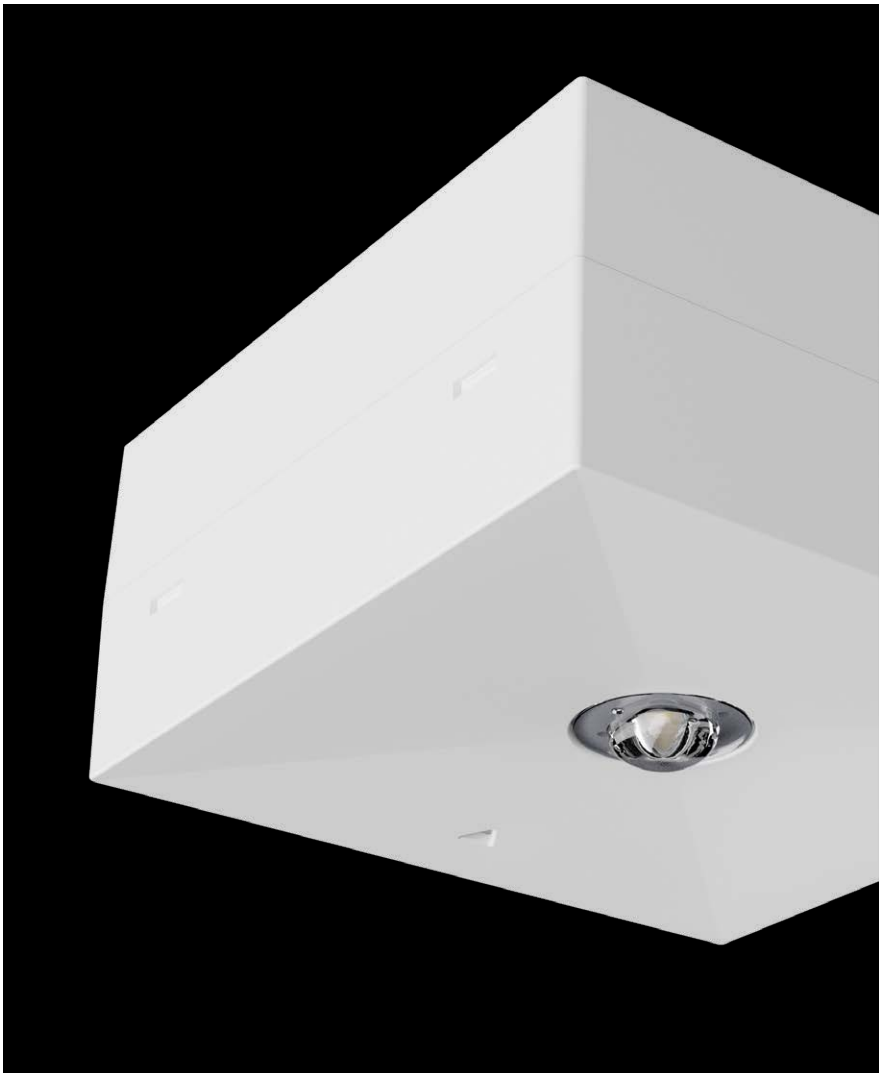
White	Grey	Black
RAL 9003	RAL 7045	RAL 9005

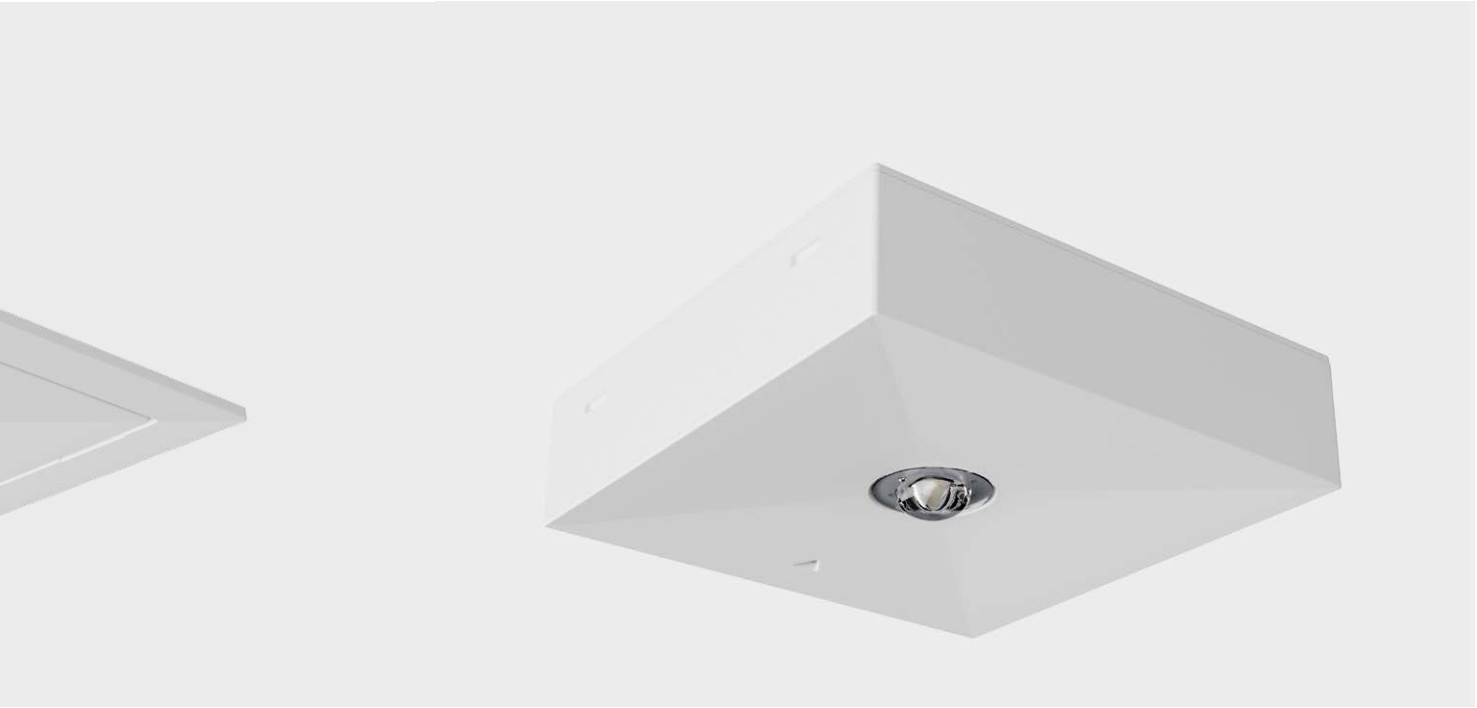
CEILING INSTALLATIONS

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

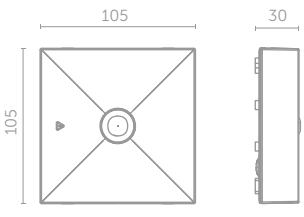
LED

IP20

IK06

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
CHARGING	***Premium:*** max. 12h; energy-saving electronic charger
AUTONOMY AND BATTERIES	***Premium:*** 1h or 3h, $LiFePO_4$ 3,2V batteries
INSULATION CLASS	II or III
IP & IK RATING	IP20, IK06
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

	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
PREMIUM	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

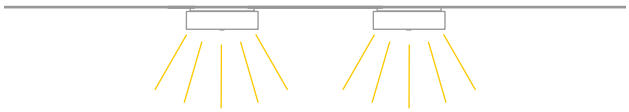
OUTPUT IN EMERGENCY MODE [lm]

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

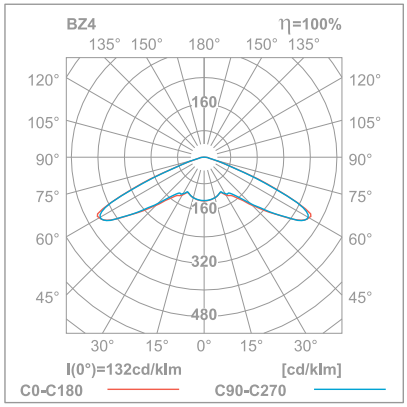
LEGEND:

LV3N	fixture LOVATO N 3
A	asymmetric optics
O	optics for open area
U	universal optics
R	optics for escape route
R1	optics for escape route
R2	optics for escape route
B	electronic gear for PREMIUM self-contained 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
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

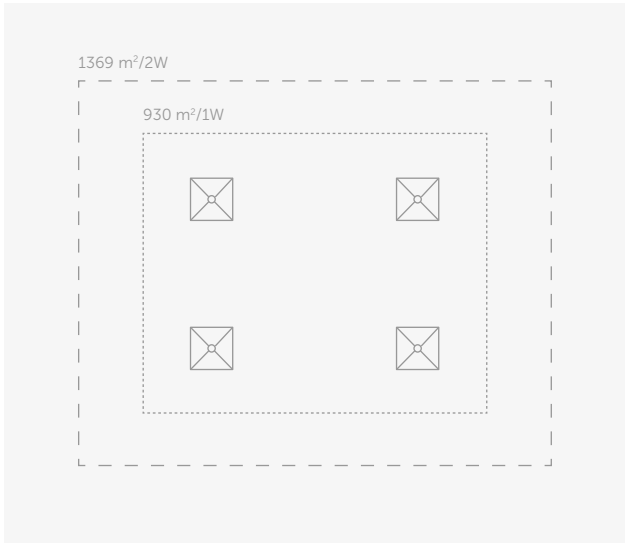
LOVATO N 3 EXAMPLE OF PHOTOMETRY



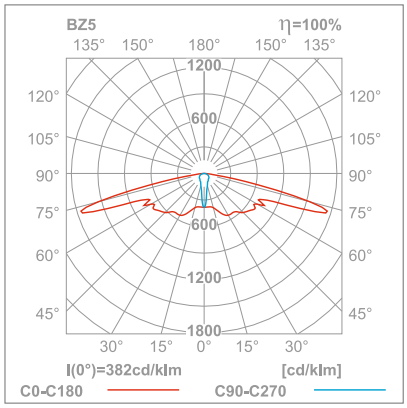
Optic O for open area



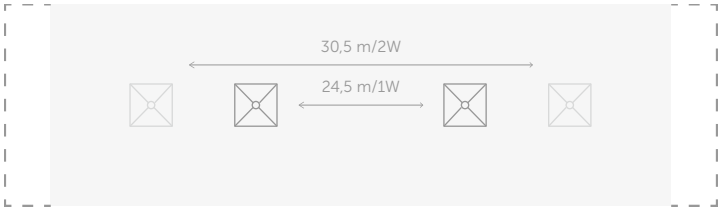
simulation for four luminaires and min 0,5 lx (area)

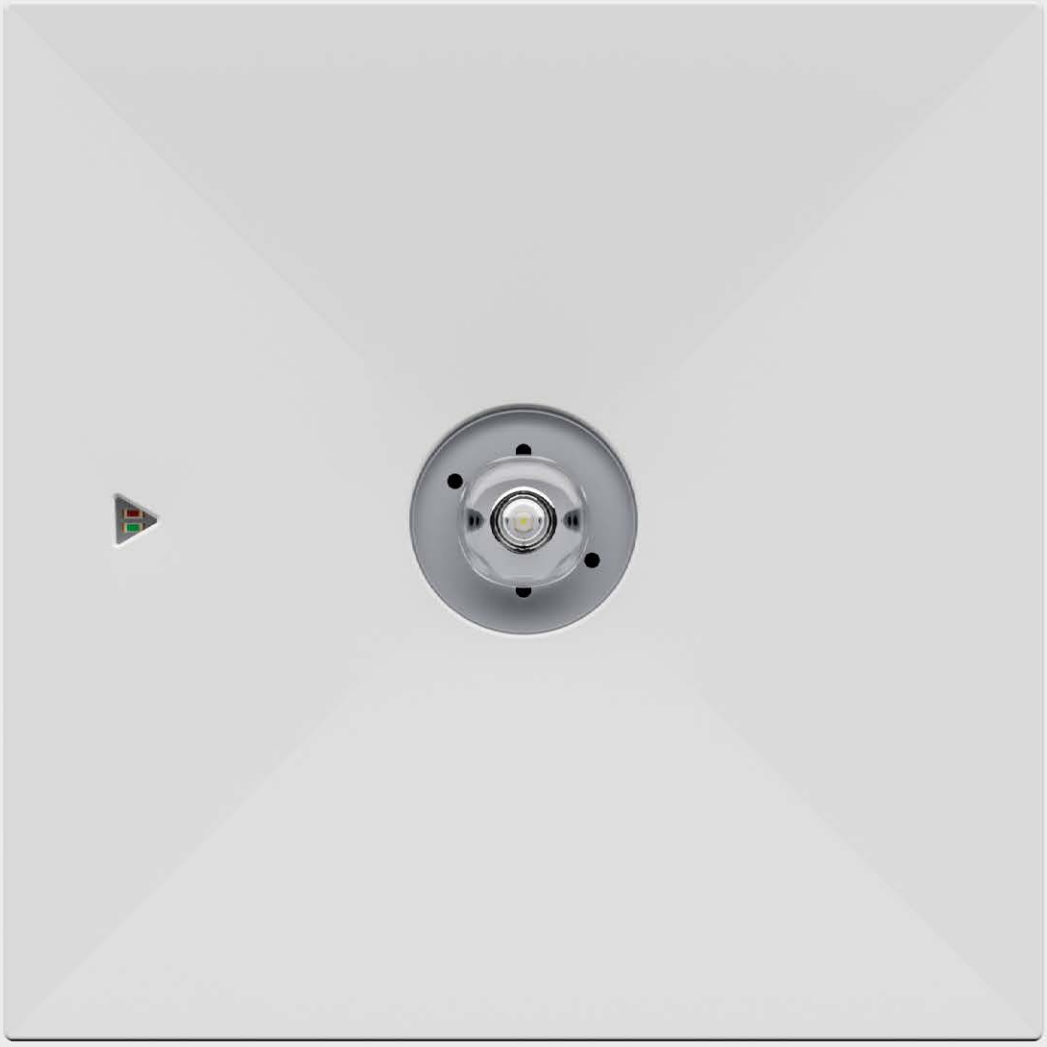


Optic R1 for escape route



simulation for two luminaires and min 1 lx (distance)





LOVATO P 3

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

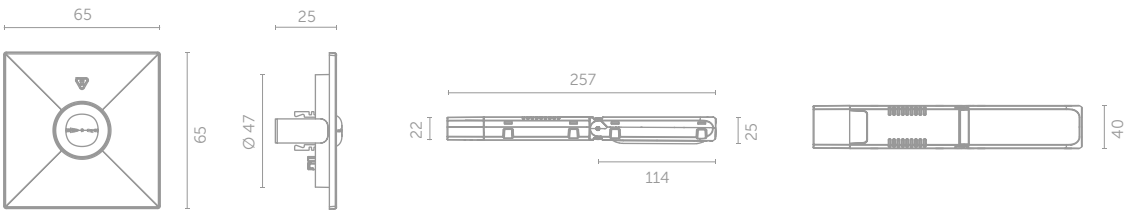
LED

IP20

IK07

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
CHARGING	***Premium:*** max. 12h; energy-saving electronic charger
AUTONOMY AND BATTERIES	***Premium:*** 1h or 3h, $LiFePO_4$ 3,2V batteries
INSULATION CLASS	II or III
IP & IK RATING	IP20, IK07
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	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
PREMIUM	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

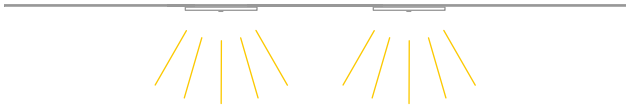
OUTPUT IN EMERGENCY MODE [lm]

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

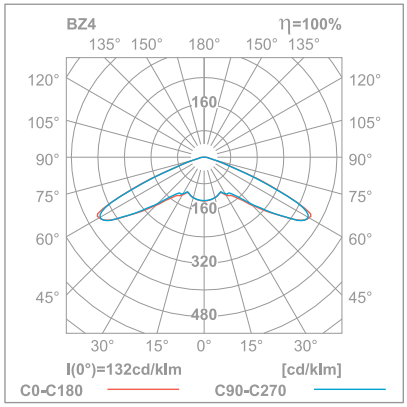
LEGEND:

LV3P	fixture LOVATO P 3
A	asymmetric optics
O	optics for open area
U	universal optics
R	optics for escape route
R1	optics for escape route
R2	optics for escape route
B	electronic gear for PREMIUM self-contained 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
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

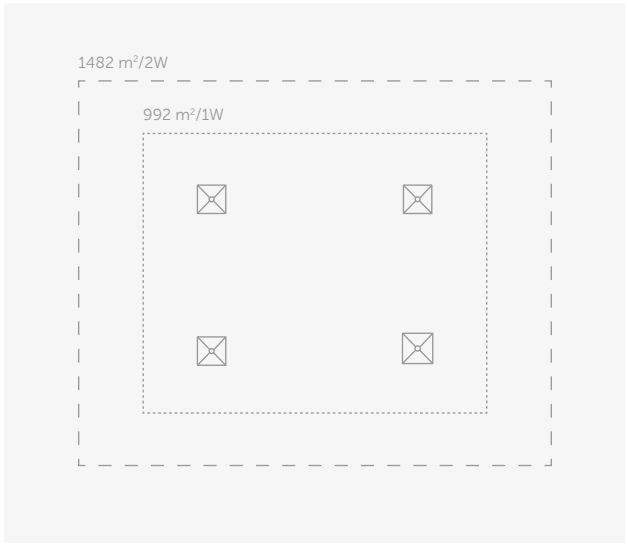
LOVATO P 3 EXAMPLE OF PHOTOMETRY



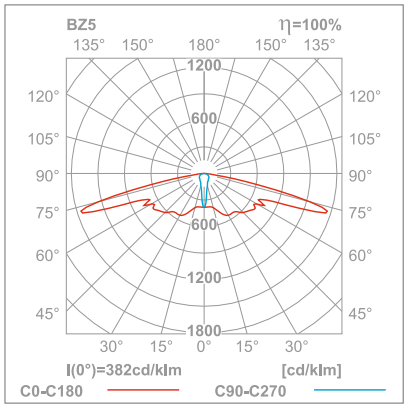
Optic O for open area



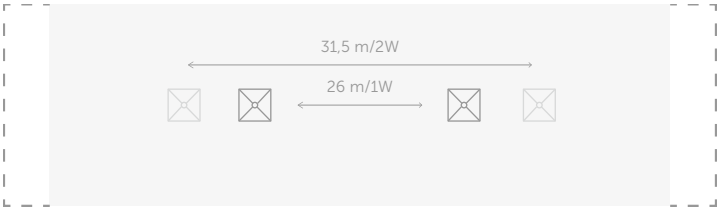
simulation for four luminaires and min 0,5 lx (area)



Optic R1 for escape route



simulation for two luminaires and min 1 lx (distance)

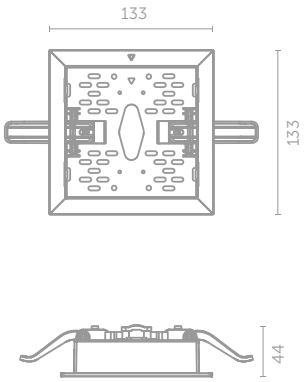


LOVATO 3 accessories

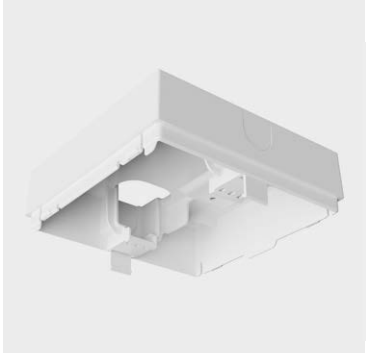
ACCESSORY FOR RECESSED MOUNTING

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

DIMENSIONS [mm]



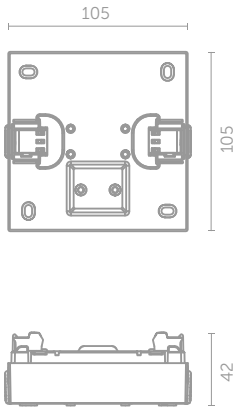
FITS TO LOVATO N 3



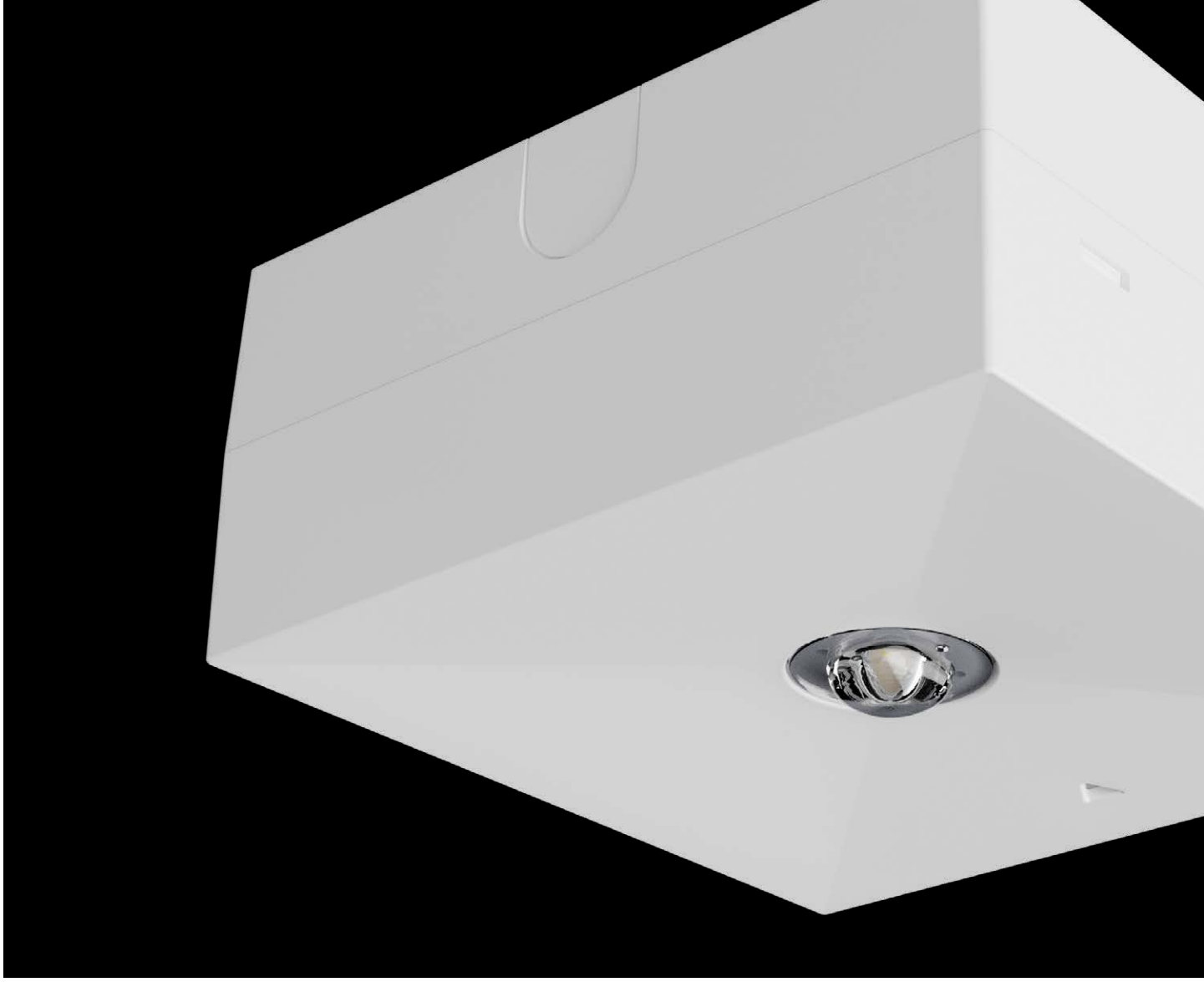
BOX FOR SURFACE MOUNTING

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

DIMENSIONS [mm]



FITS TO LOVATO N 3



AX 3 family

AX 3

AXN 3 p. 42

AXP 3 p. 46

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

White	Grey	Black
RAL 9003	RAL 7045	RAL 9005

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

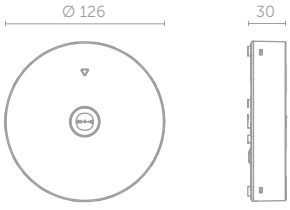
LED

IP20

IK06

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
CHARGING	***Premium:*** max. 12h; energy-saving electronic charger
AUTONOMY AND BATTERIES	***Premium:*** 1h or 3h, $LiFePO_4$ 3,2V batteries
INSULATION CLASS	II or III
IP & IK RATING	IP20, IK06
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

	CODE	OPTICS	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS				COLOR		
PREMIUM	AX3N	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
PREMIUM	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

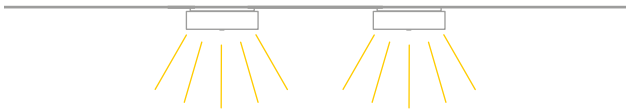
OUTPUT IN EMERGENCY MODE [lm]

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

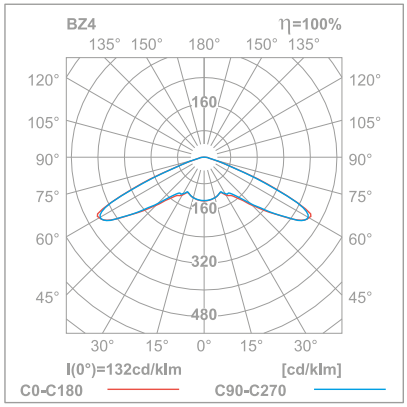
LEGEND:

AX3N	fixture AXN 3
A	asymmetric optics
O	optics for open area
U	universal optics
R	optics for escape route
R1	optics for escape route
R2	optics for escape route
B	electronic gear for PREMIUM self-contained 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
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

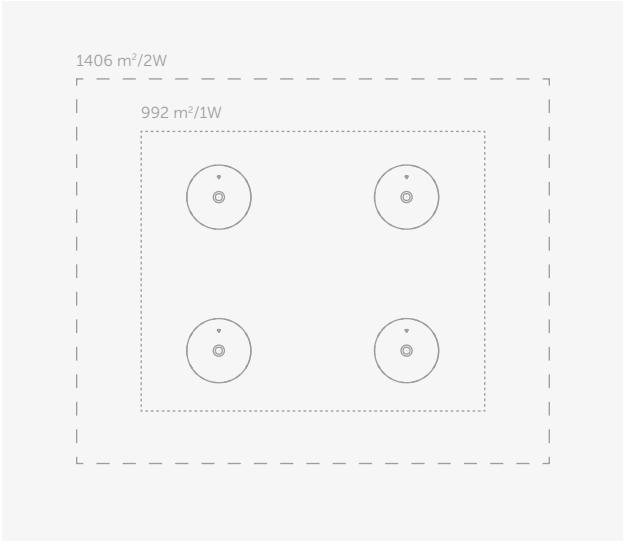
AXN 3 EXAMPLE OF PHOTOMETRY



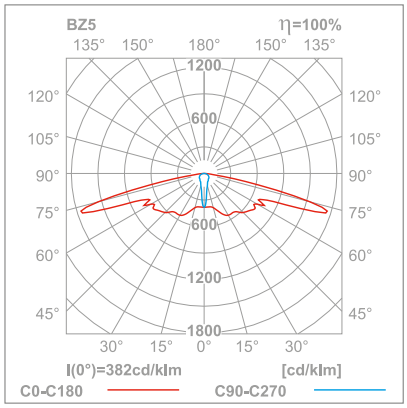
Optic O for open area



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

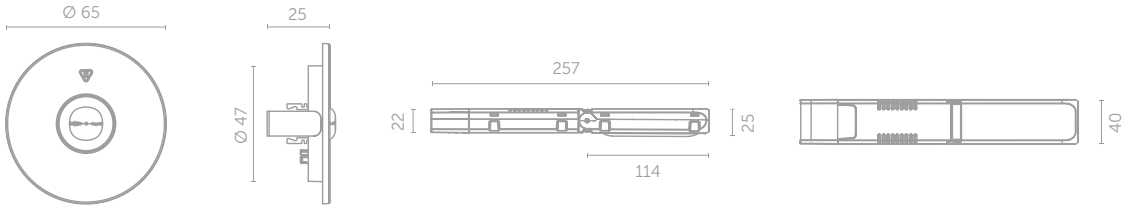
IP20

IK07

LiFePO$_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
CHARGING	***Premium:*** max. 12h; energy-saving electronic charger
AUTONOMY AND BATTERIES	***Premium:*** 1h or 3h, LiFePO$_4$ 3,2V batteries
INSULATION CLASS	II or III
IP & IK RATING	IP20, IK07
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	OPTICS	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS				COLOR		
PREMIUM	AX3P	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
PREMIUM	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

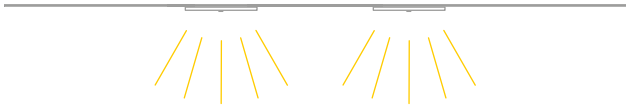
OUTPUT IN EMERGENCY MODE [lm]

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

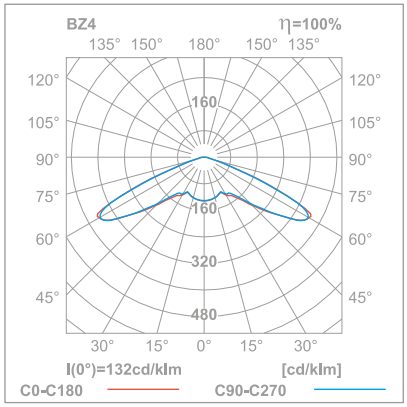
LEGEND:

AX3P	fixture AXP 3
A	asymmetric optics
O	optics for open area
U	universal optics
R	optics for escape route
R1	optics for escape route
R2	optics for escape route
B	electronic gear for PREMIUM self-contained 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
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

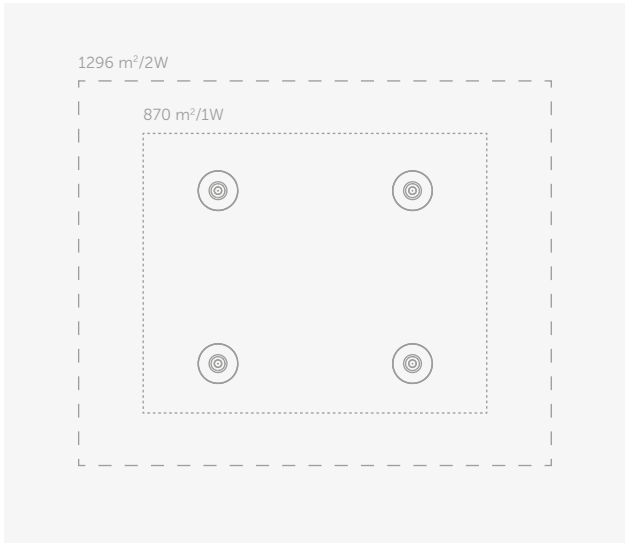
AXP 3 EXAMPLE OF PHOTOMETRY



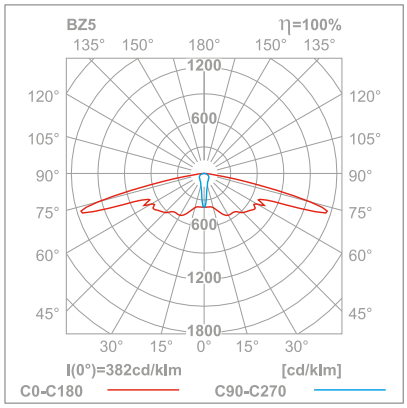
Optic O for open area



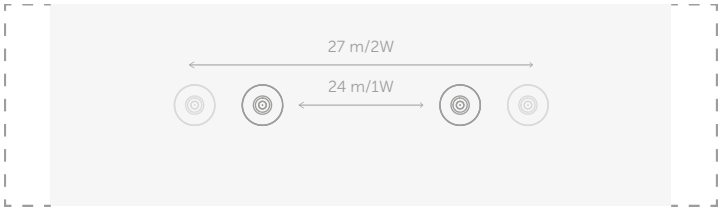
simulation for four luminaires and min 0,5 lx (area)



Optic R1 for escape route



simulation for two luminaires and min 1 lx (distance)

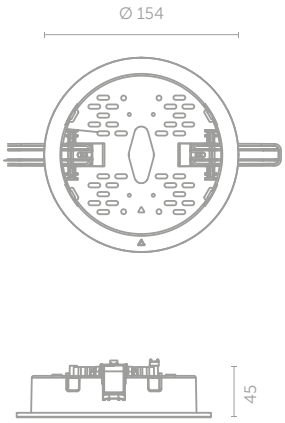


AX 3 accessories

ACCESSORY FOR RECESSED MOUNTING

CODE: AX3N/REC/WH
AX3N/REC/GR
AX3N/REC/BL

DIMENSIONS [mm]

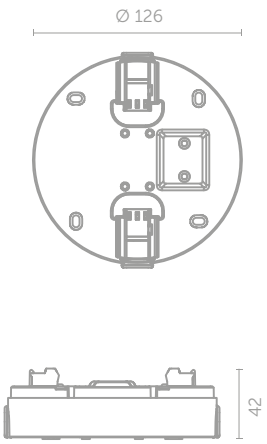


FITS TO AXN 3

BOX FOR SURFACE MOUNTING

CODE: AX3N/BOX/WH
AX3N/BOX/GR
AX3N/BOX/BL

DIMENSIONS [mm]

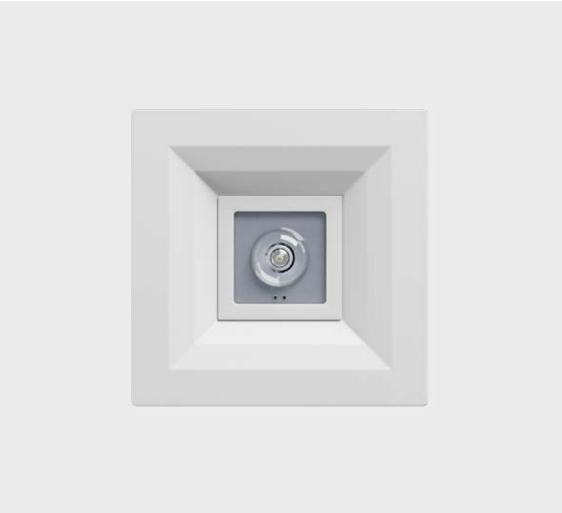


FITS TO AXN 3

LOVATO family

LOVATO

LOVATO II p. 56



LOVATO P p. 60

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

White	Grey	Black
RAL 9003	RAL 7045	RAL 9005

TYPES OF LENSES

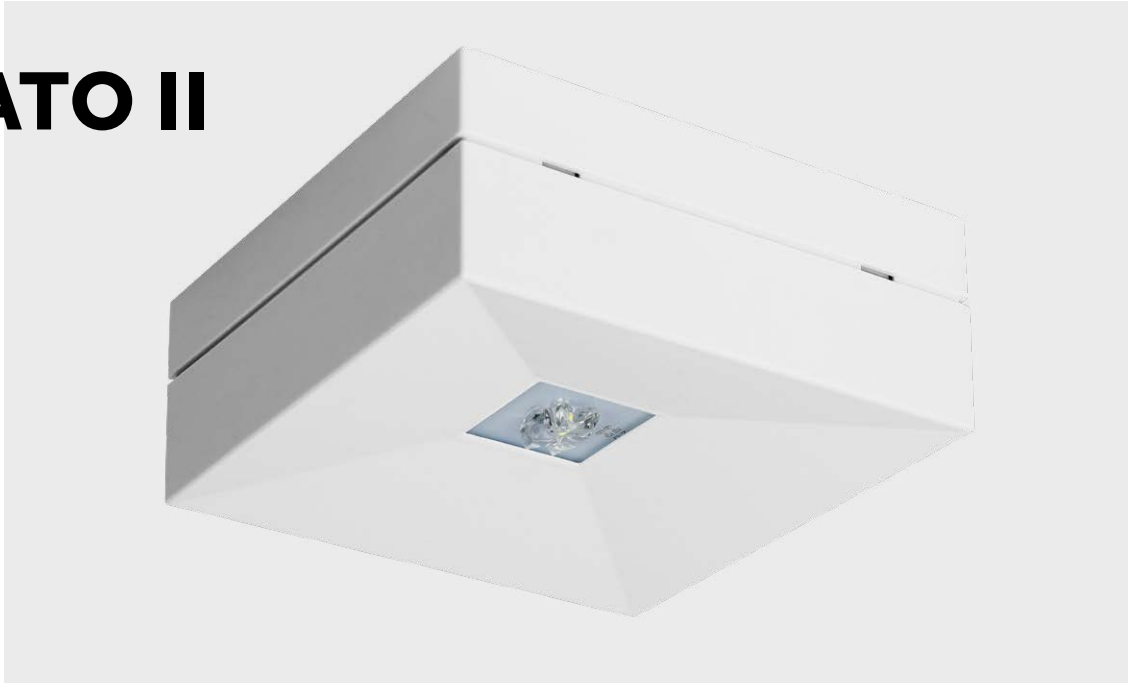
FOR ESCAPE ROUTE

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

IK07

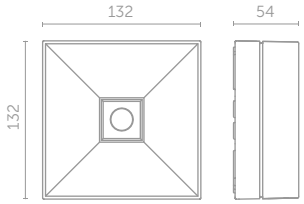
Ni-Cd

$LiFePO_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP41, IK07
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 • RD – DALI 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 LV2U LV2O LV2C LV2A	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	LV2R LV2U LV2O LV2C LV2A	1W	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL
		3W	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL
		4W	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL

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

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
LV2R LV2U LV2O LV2C LV2A	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	LV2R	LV2U	LV2O	LV2C	LV2A
1W	185	185	185	190	185
2W	330	350	350	320	350
3W	460	460	460	460	460

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
LV2R LV2U LV2O LV2C LV2A	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

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

FZLV SYSTEM CONFIGURATION

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

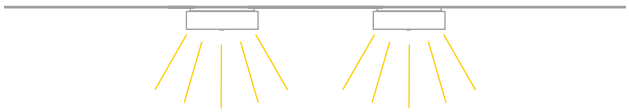
OUTPUT IN EMERGENCY MODE [lm]

	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

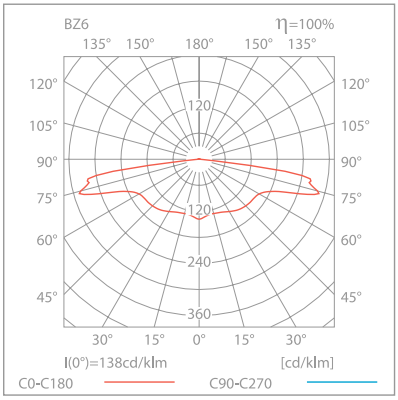
LEGEND:

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
RD	DALI 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

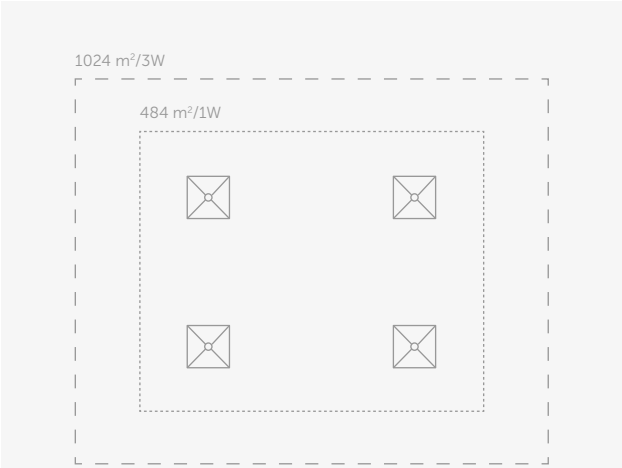
LOVATO II EXAMPLE OF PHOTOMETRY



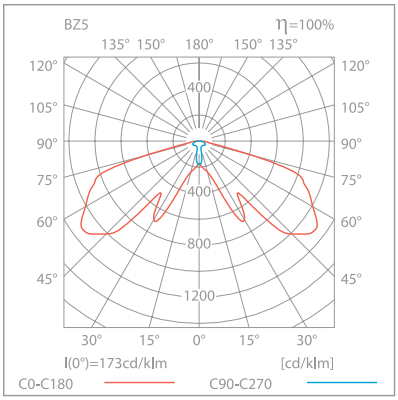
Optic O for open area



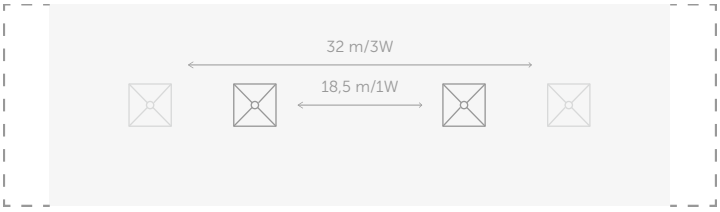
simulation for four luminaires and min 0,5 lx (area)

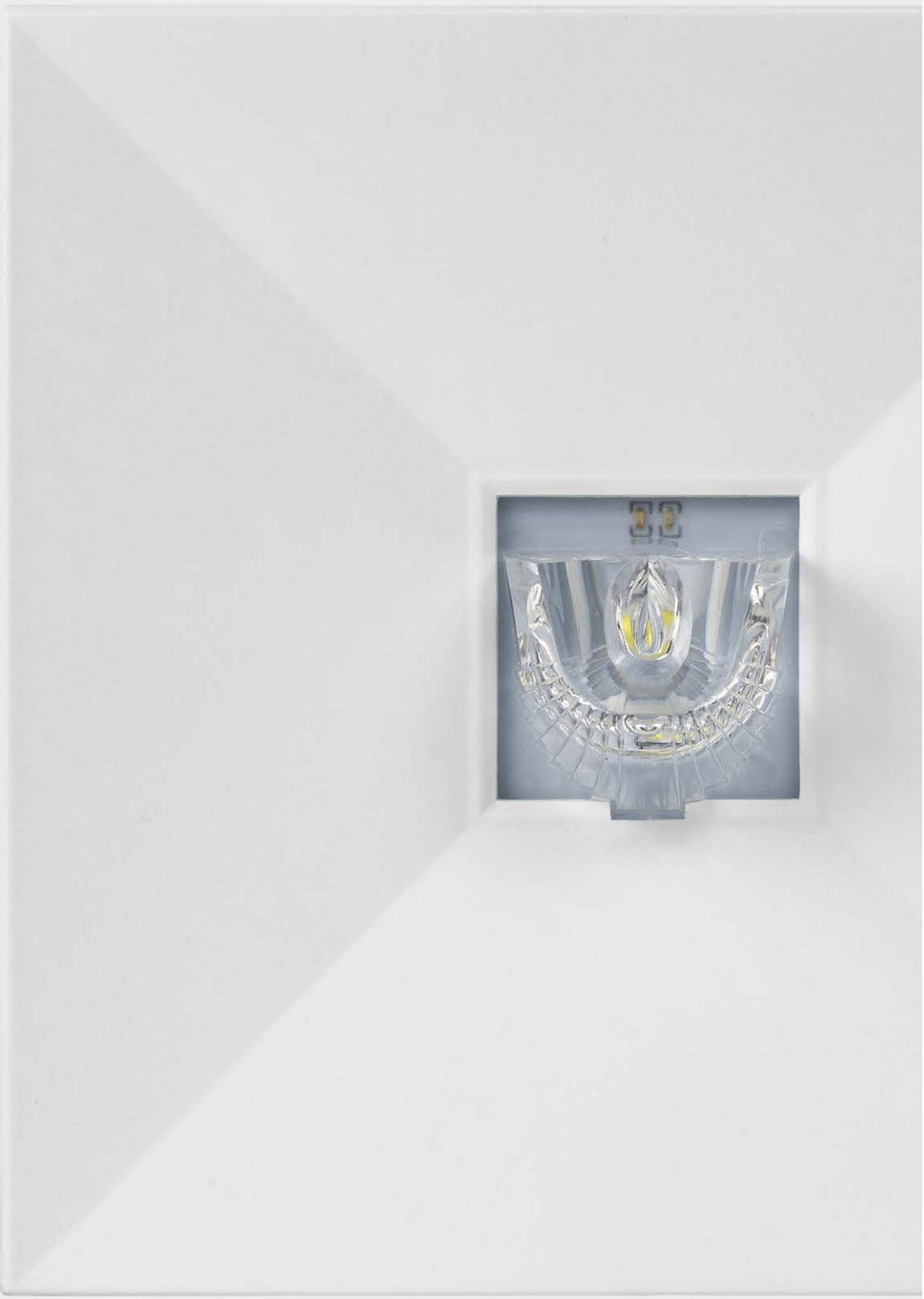


Optic C for corridor



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

IK08

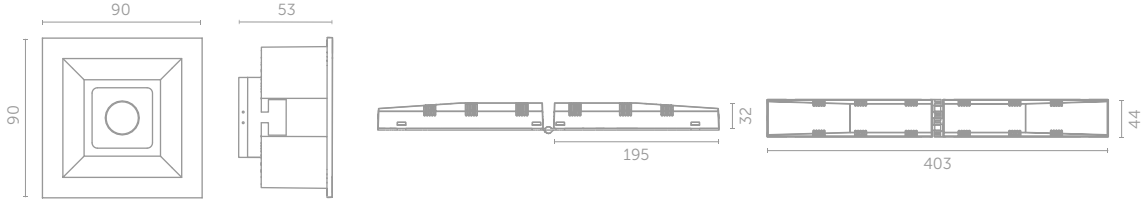
Ni-Cd

$LiFePO_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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, IK08
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 • RD – DALI 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 LVPU LVPO LVPC LVPA	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	LVPR LVPU LVPO LVPC LVPA	1W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL
		3W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL
		4W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL
		6W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL

* power in emergency mode

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

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

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
6W	785	800	775	785	765

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

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 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

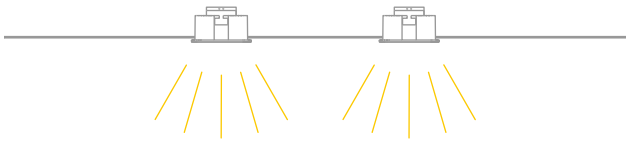
OUTPUT IN EMERGENCY MODE [lm]

	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

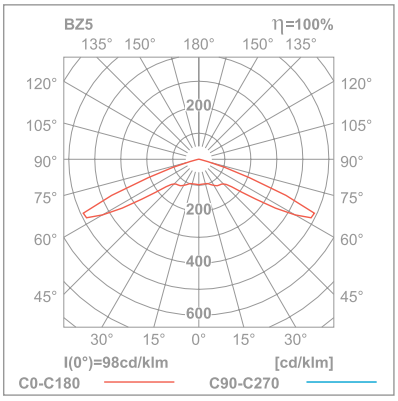
LEGEND:

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
RD	DALI 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

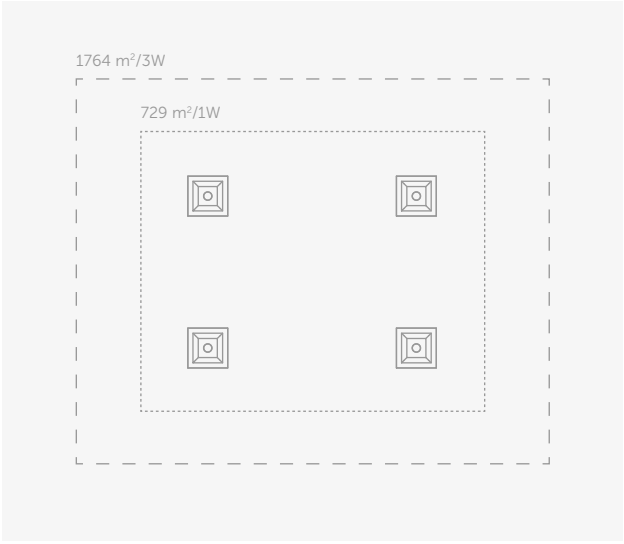
LOVATO P EXAMPLE OF PHOTOMETRY



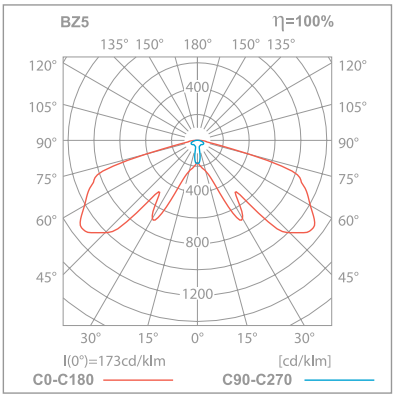
Optic O for open area



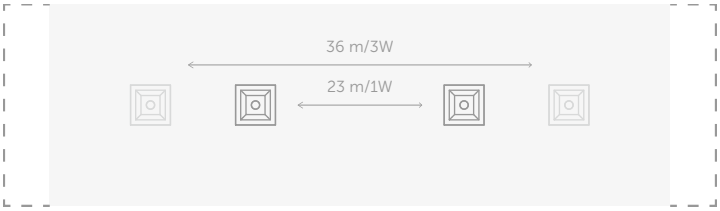
simulation for four luminaires and min 0,5 lx (area)



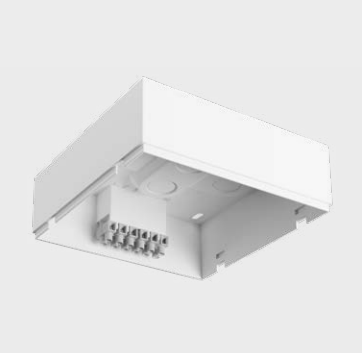
Optic C for corridor



simulation for two luminaires and min 1 lx (distance)



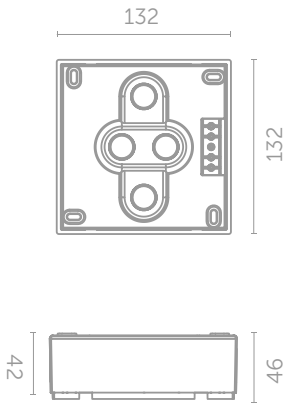
LOVATO accessories



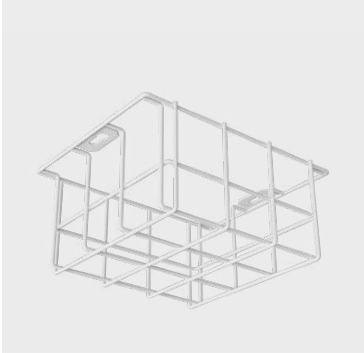
BOX FOR SURFACE MOUNTING

CODE: LV2/BOX/WH
LV2/BOX/GR
LV2/BOX/BL

DIMENSIONS [mm]



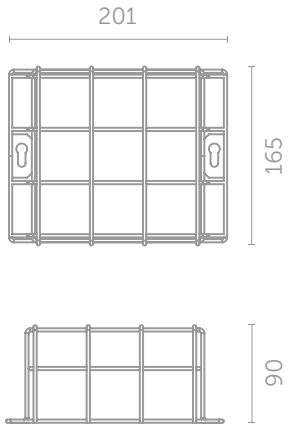
FITS TO LOVATO II



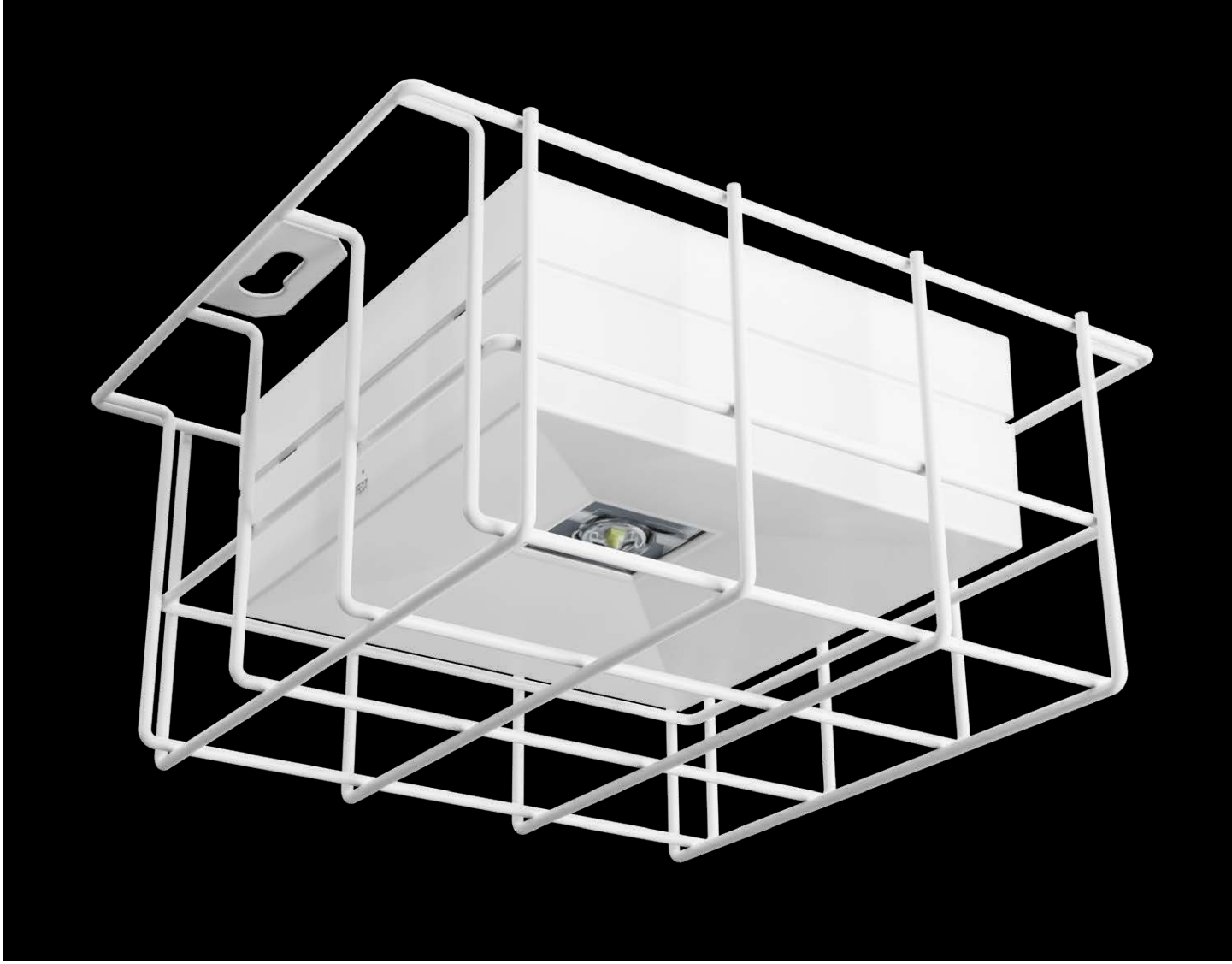
WIRE GUARD

CODE: 1015

DIMENSIONS [mm]



FITS TO LOVATO II



AX family

AX

AXN p. 70

AXP p. 74

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

White	Grey	Black
RAL 9003	RAL 7045	RAL 9005

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

IK08

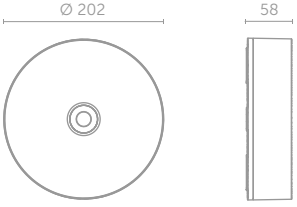
Ni-Cd

$LiFePO_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP65, IK08
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 • RD – DALI 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	AXNR AXNU AXNO AXNC AXNA	1W	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL
		3W	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL
		4W	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL
		6W*	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL

* power in emergency mode

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

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

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

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

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

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

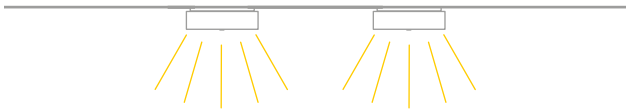
OUTPUT IN EMERGENCY MODE [lm]

	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

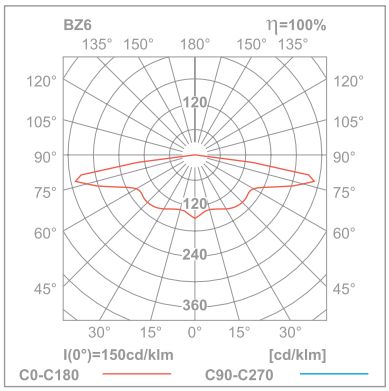
LEGEND:

AXNR	fixture AXN with optics for escape route
AXNU	fixture AXN with universal optics
AXNO	fixture AXN with optics for open area
AXNC	fixture AXN with optics for corridor
AXNA	fixture AXN with asymmetric optics 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
RD	DALI 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

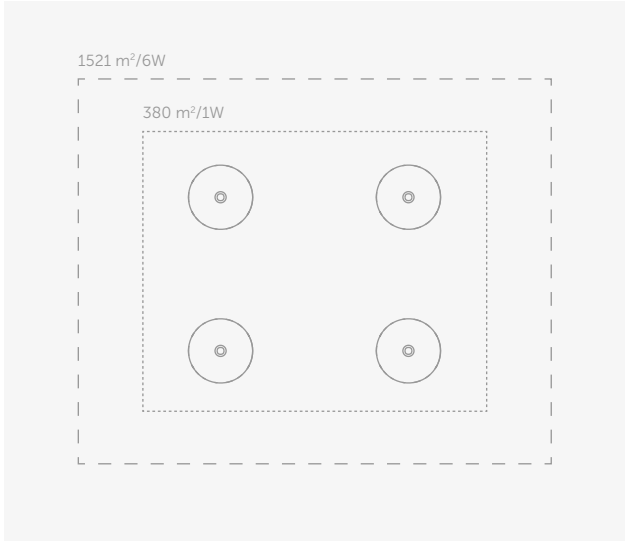
AXN EXAMPLE OF PHOTOMETRY



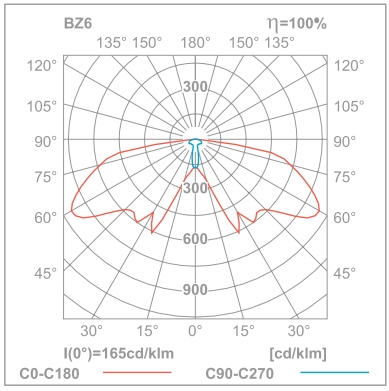
Optic O for open area



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

IK08

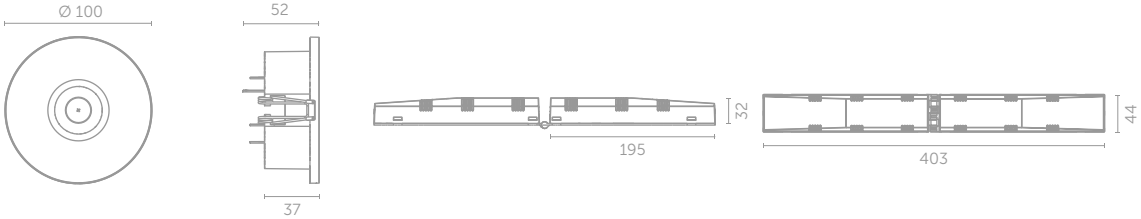
Ni-Cd

$LiFePO_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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, IK08
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 • RD – DALI 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	AXEPR AXEPU AXEPO AXEPC AXEPA	1W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL
		3W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL
		4W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL
		6W*	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL

* power in emergency mode

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

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

OUTPUT IN EMERGENCY MODE [lm]

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

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

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]				
POWER	AXEPR	AXEPU	AXEPO	AXEPC	AXEPA
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

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

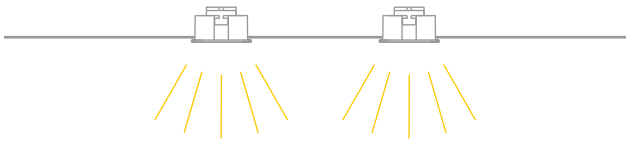
OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]				
POWER	AXEPR	AXEPU	AXEPO	AXEPC	AXEPA
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

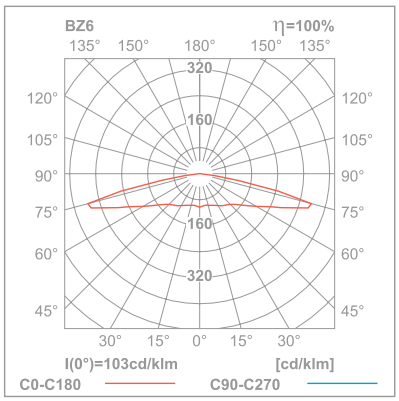
LEGEND:

AXEPR	fixture AXP with optics for escape route
AXEPU	fixture AXP with universal optics
AXEPO	fixture AXP with optics for open area
AXEPC	fixture AXP with optics for corridor
AXEPA	fixture AXP 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
RD	DALI 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

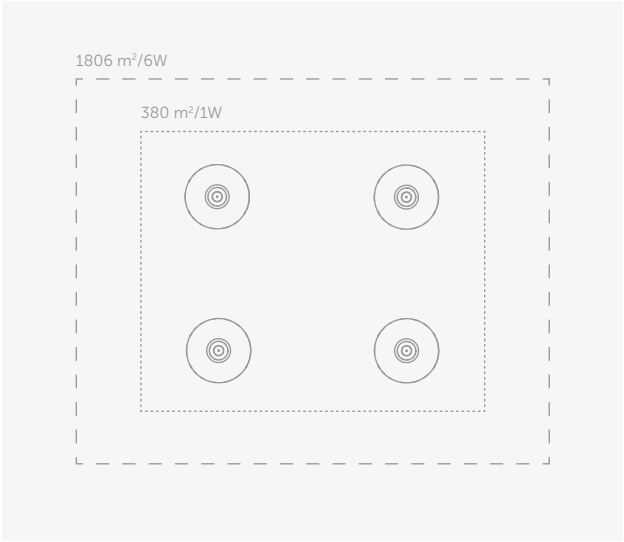
AXP EXAMPLE OF PHOTOMETRY



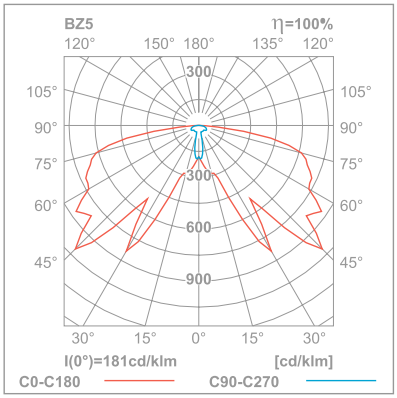
Optic O for open area



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

MICRO SPOT p. 82

MICRO SPOT ROUND p. 86

MICRO SPOT SQUARE p. 90

CLOSE UP

COLOURS

White	Grey	Black
RAL 9003	RAL 7045	RAL 9005

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

IK08

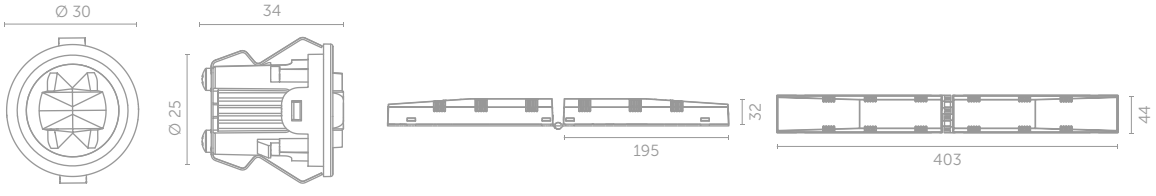
Ni-Cd

$LiFePO_4$

DALI

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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, IK08
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 • RD – DALI 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	RD	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL
		3W	B	1	3	SE	SA	AT	RU	RD	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

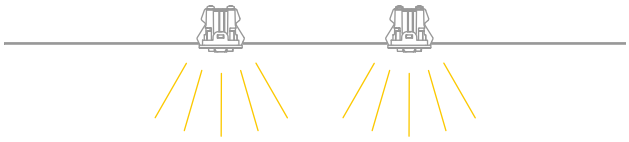
OUTPUT IN EMERGENCY MODE [lm]

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

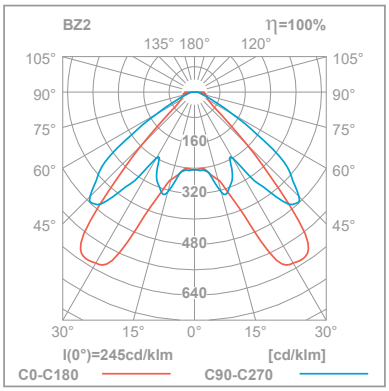
LEGEND:

MSU	fixture MICRO SPOT with optic for universal uses
MSR	fixture MICRO SPOT with optics for escape route
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
RD	DALI 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

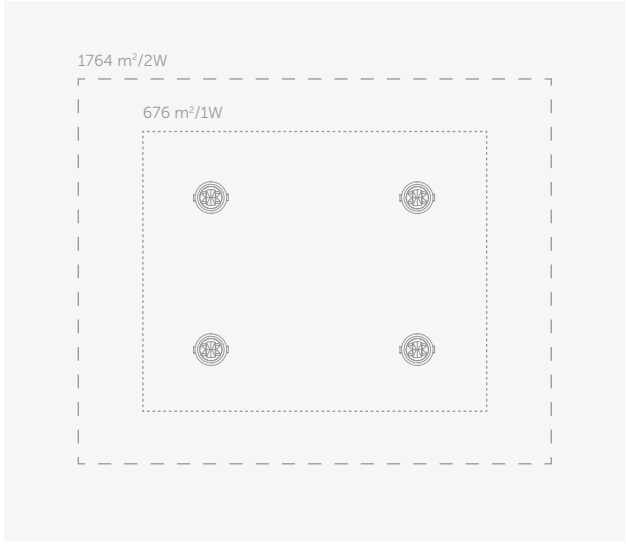
MICRO SPOT EXAMPLE OF PHOTOMETRY



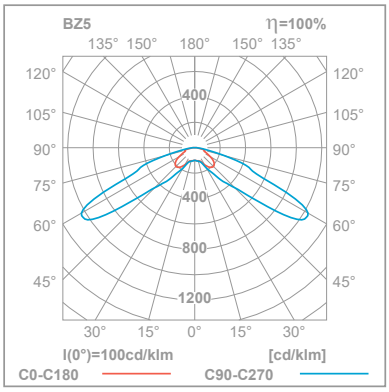
Optic U for universal uses



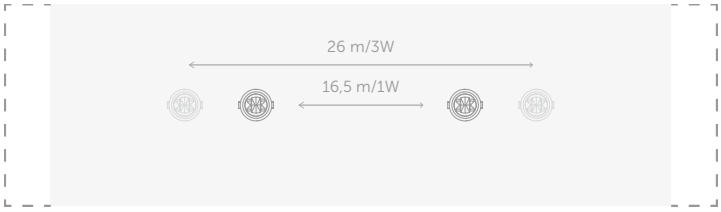
simulation for four luminaires and min 0,5 lx (area)



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

IK08

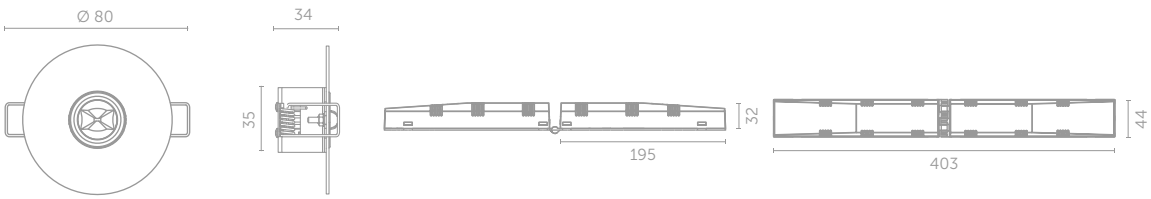
Ni-Cd

$LiFePO_4$

DALI

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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, IK08
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 • RD – DALI 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	RD	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL
		3W	B	1	3	SE	SA	AT	RU	RD	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

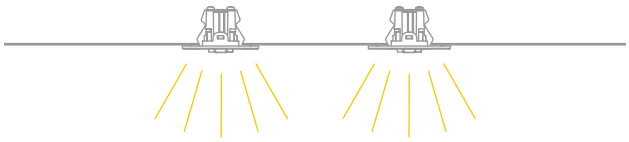
OUTPUT IN EMERGENCY MODE [lm]

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

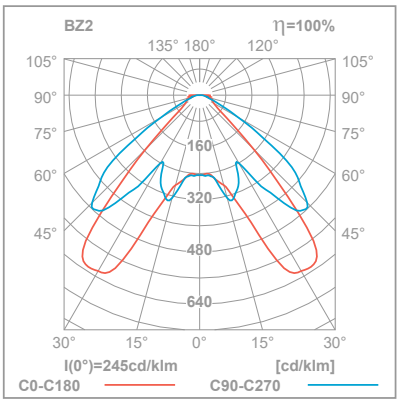
LEGEND:

MTRU	fixture MICRO SPOT round with optic for universal uses
MTRR	fixture MICRO SPOT round with optics for escape route
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
RD	DALI 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

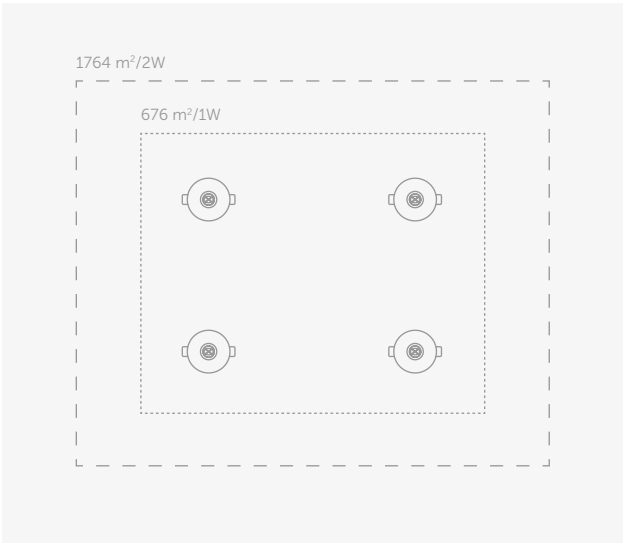
MICRO SPOT ROUND EXAMPLE OF PHOTOMETRY



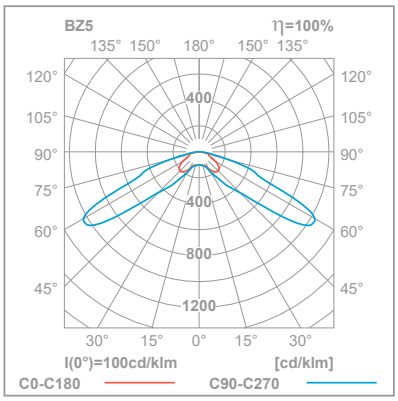
Optic U for universal uses



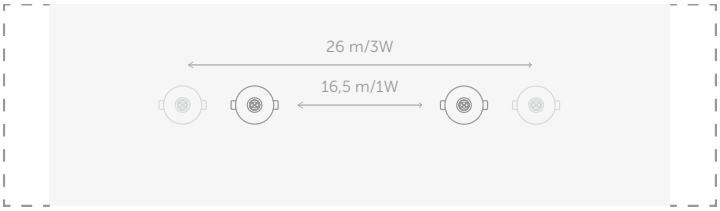
simulation for four luminaires and min 0,5 lx (area)



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

IK08

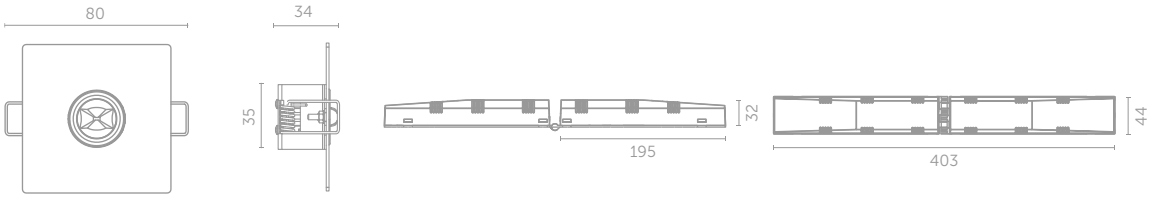
Ni-Cd

LiFePO$_4$

DALI

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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, IK08
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 • RD – DALI 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	RD	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL
		3W	B	1	3	SE	SA	AT	RU	RD	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

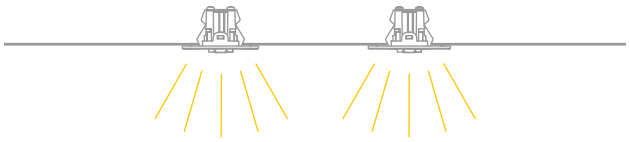
OUTPUT IN EMERGENCY MODE [lm]

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

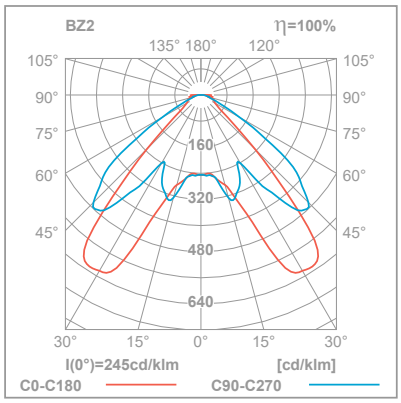
LEGEND:

MTSU	fixture MICRO SPOT square with optic for universal uses
MTSR	fixture MICRO SPOT square with optics for escape route
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
FZLV	central battery FZLV 24 VDC
RD	DALI central monitoring
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

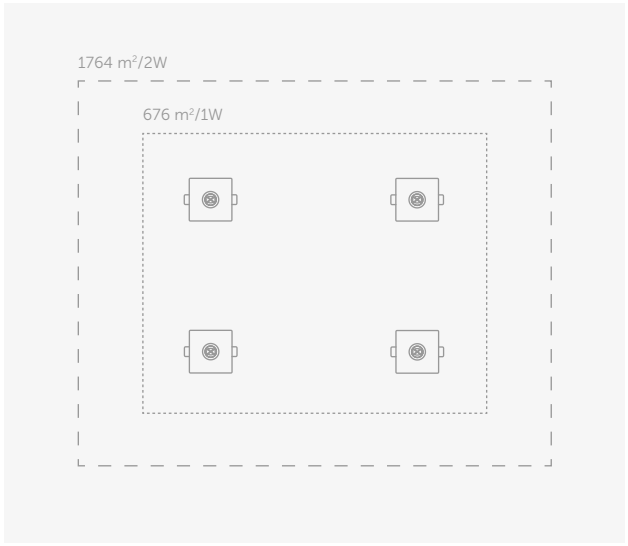
MICRO SPOT SQUARE EXAMPLE OF PHOTOMETRY



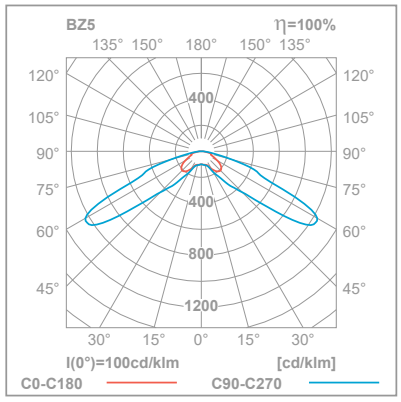
Optic U for universal uses



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

EYE LED ROUND p. 98

EYE LED SQUARE p. 102

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.

CLOSE UP

COLOURS

White

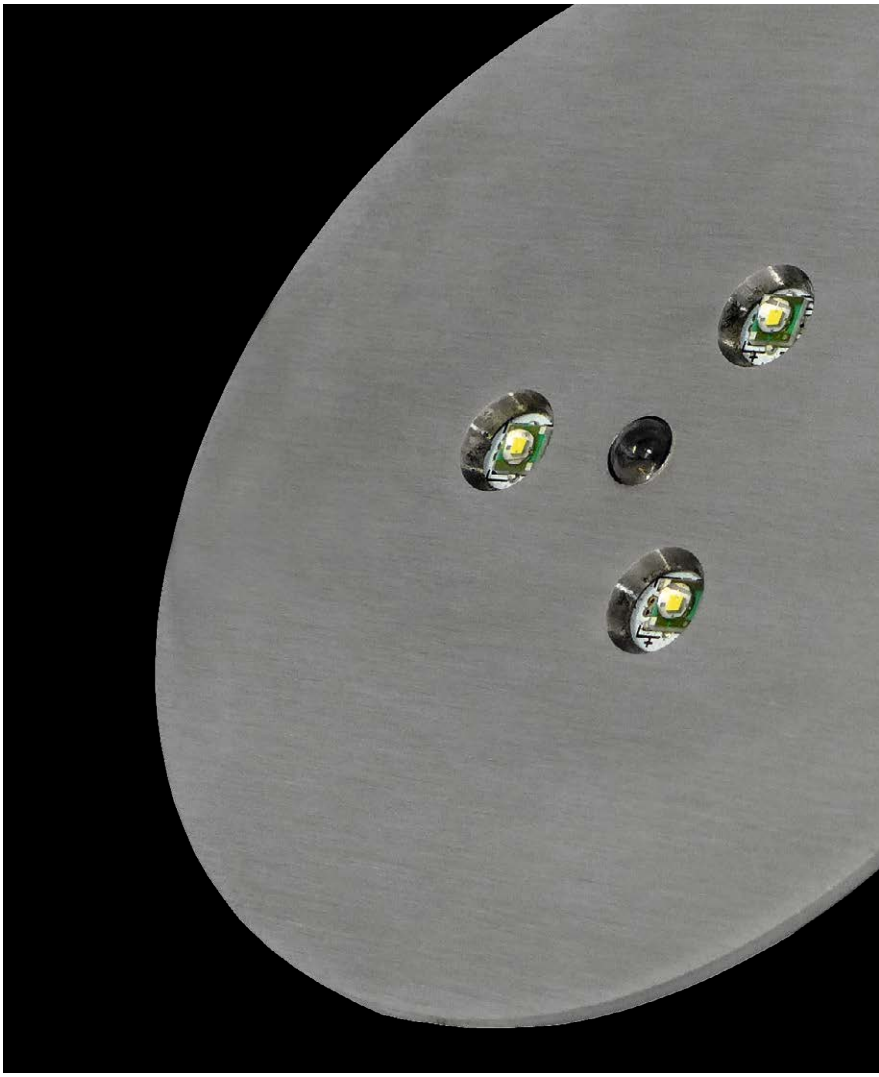
RAL 9003

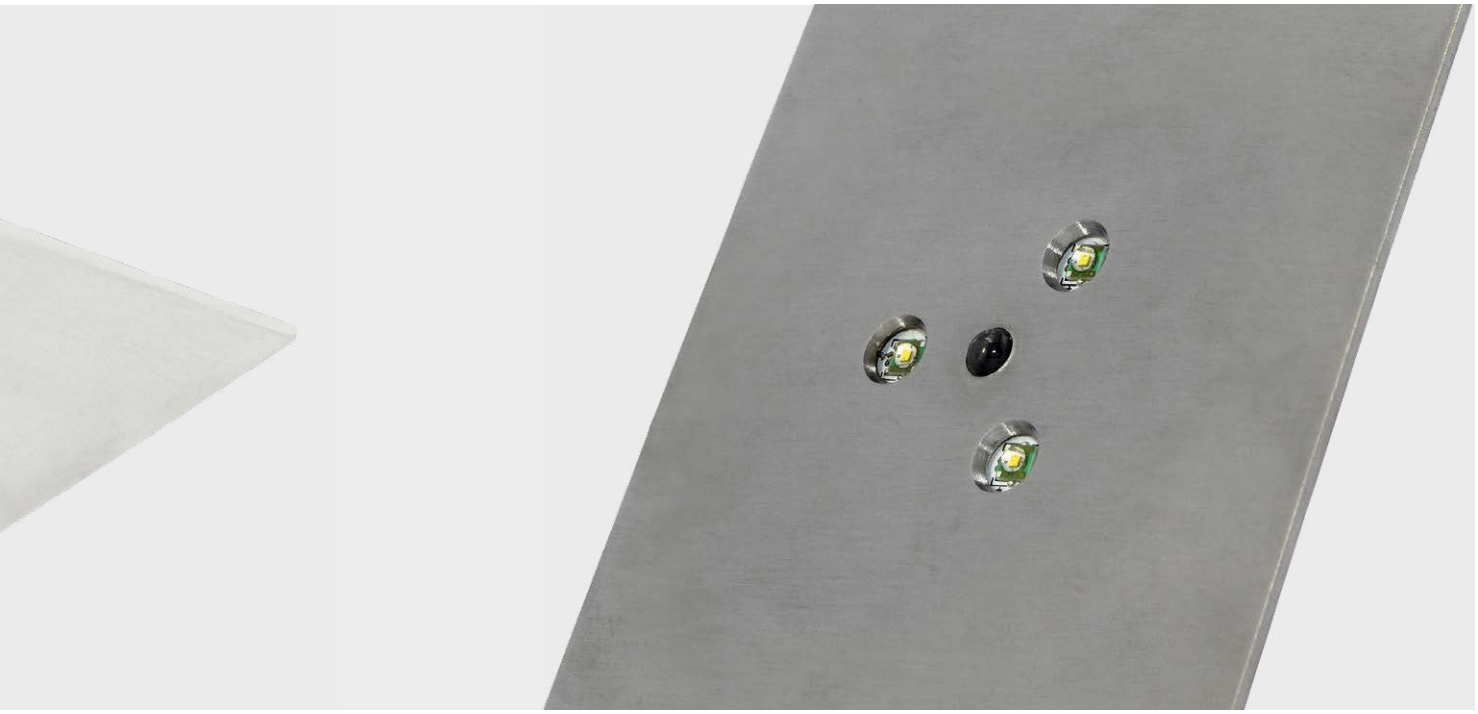
Silver

Stainless steel

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

IK08

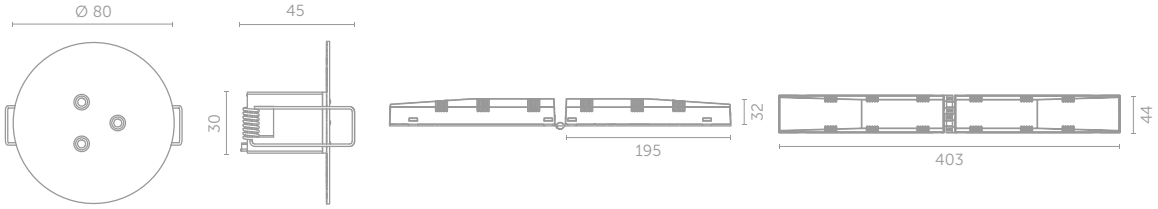
Ni-Cd

$LiFePO_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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, IK08
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 • RD – DALI 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	RD	ST	WH
		2W	B	1	3	SE	SA	AT	RU	RD	ST	WH
		3W	B	1	3	SE	SA	AT	RU	RD	ST	WH
	EY	3x1W	B	1	3	SE	SA	AT	RU	RD	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

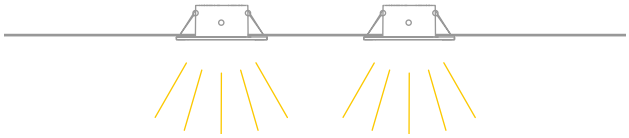
OUTPUT IN EMERGENCY MODE [lm]

	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

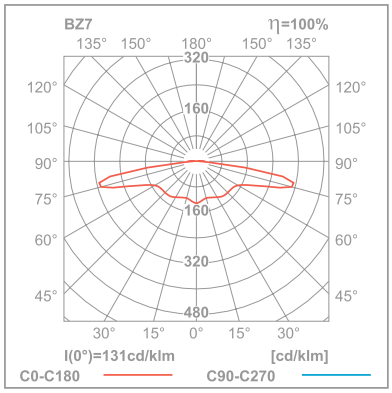
LEGEND:

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

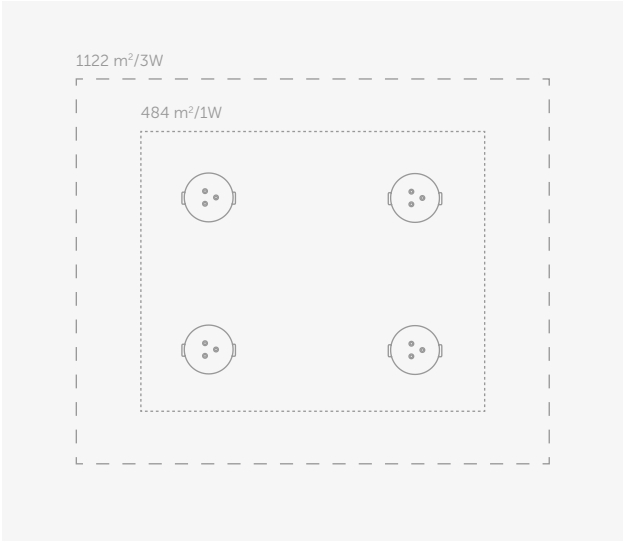
EYE LED ROUND EXAMPLE OF PHOTOMETRY



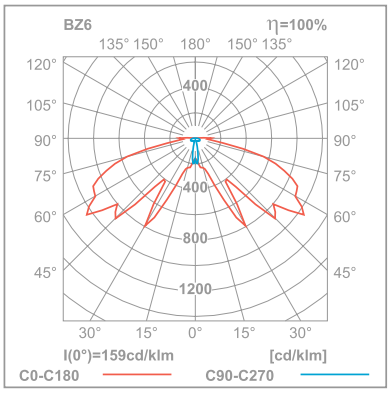
Optic O for open area



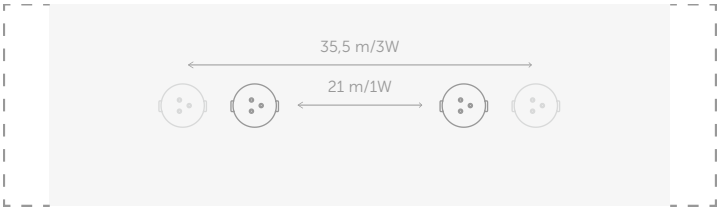
simulation for four luminaires and min 0,5 lx (area)



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

IK08

Ni-Cd

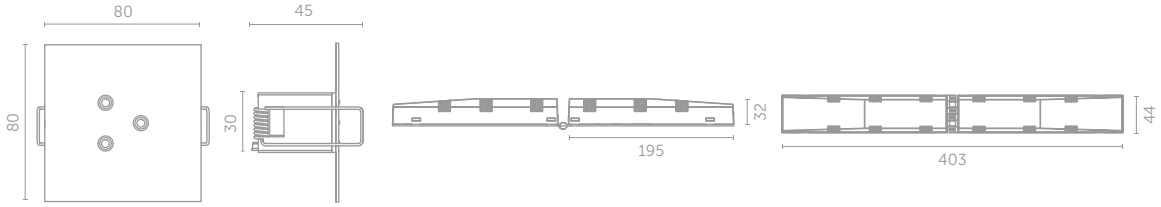
$LiFePO_4$

KM 618355
BS-EN 60598-2-22

DALI

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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, IK08
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 • RD – DALI 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 EYKU EYKO EYKC	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
	EYK	3x1W	E C	1	3	SE	SA	AT	X		ST	WH
PREMIUM	EYKR EYKU EYKO EYKC	1W	B	1	3	SE	SA	AT	RU	RD	ST	WH
		2W	B	1	3	SE	SA	AT	RU	RD	ST	WH
		3W	B	1	3	SE	SA	AT	RU	RD	ST	WH
	EYK	3x1W	B	1	3	SE	SA	AT	RU	RD	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 EYKU EYKO EYKC	1W	F	CB	CBS	X	ST	WH
	2W	F	CB	CBS	X	ST	WH
	3W	F	CB	CBS	X	ST	WH
EYK	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 EYKU EYKO EYKC	1W	Z	CB	ADE	ADP	ST	WH
	2W	Z	CB	ADE	ADP	ST	WH
	3W	Z	CB	ADE	ADP	ST	WH
EYK	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 EYKU EYKO EYKC	1W	FZLV	FZLV2	ST	WH
	2W	FZLV	FZLV2	ST	WH
	3W	FZLV	FZLV2	ST	WH
EYK	3x1W	FZLV	FZLV2	ST	WH

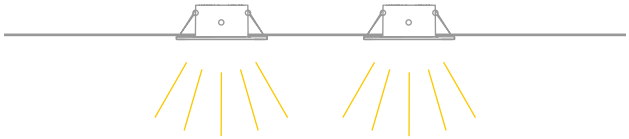
OUTPUT IN EMERGENCY MODE [lm]

	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

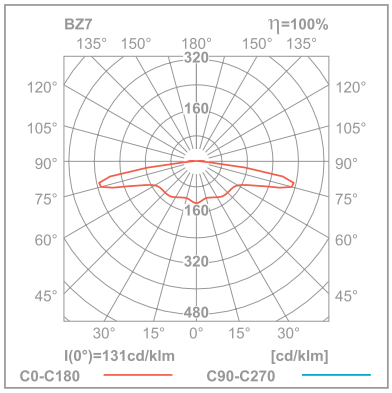
LEGEND:

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

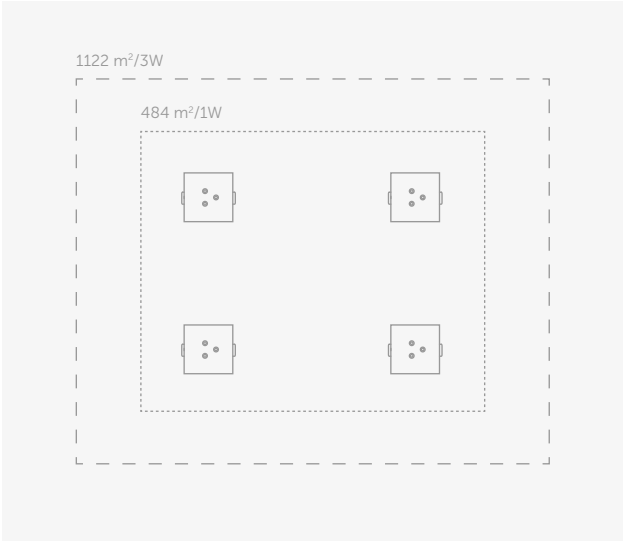
EYE LED SQUARE EXAMPLE OF PHOTOMETRY



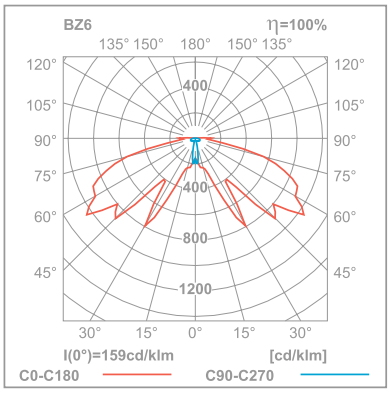
Optic O for open area



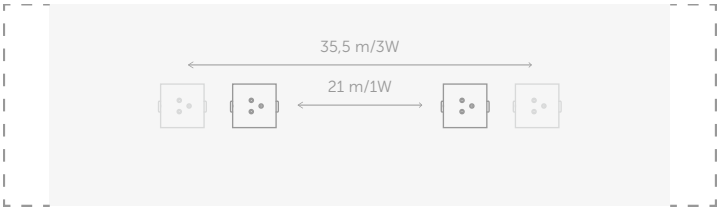
simulation for four luminaires and min 0,5 lx (area)



Optic C for corridor



simulation for two luminaires and min 1 lx (distance)



TEY family

TEY

TEY p. 110

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.

CLOSE UP

COLOURS

White	Black
RAL 9003	RAL 9005

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

IK08

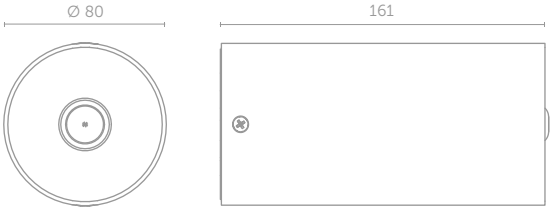
Ni-Cd

$LiFePO_4$

DALI

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	I or III
IP & IK RATING	IP20, IK08
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 • RD – DALI 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	RD	WH	BL
		2W	B	1	3	SE	SA	AT	RU	RD	WH	BL
		3W	B	1	3	SE	SA	AT	RU	RD	WH	BL
	TEY	3x1W	B	1	3	SE	SA	AT	RU	RD	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

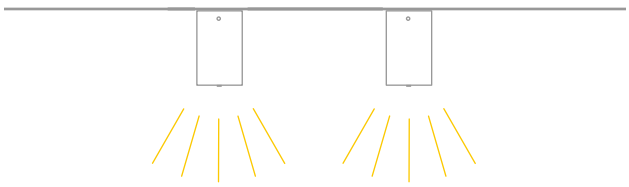
OUTPUT IN EMERGENCY MODE [lm]

	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:

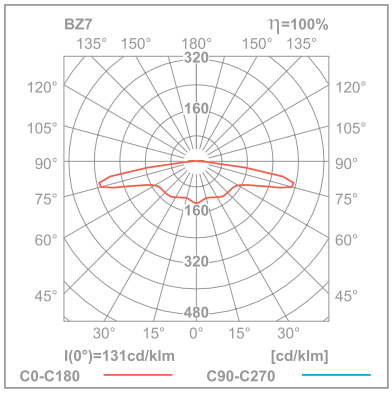
TEYR	fixture TEY with optics for escape route
TEYU	fixture TEY with universal optics
TEYO	fixture TEY with optics for open area
TEYC	fixture TEY with optics for corridor
TEY	fixture TEY without optics
E, C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained 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
RD	DALI 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
BL	black color

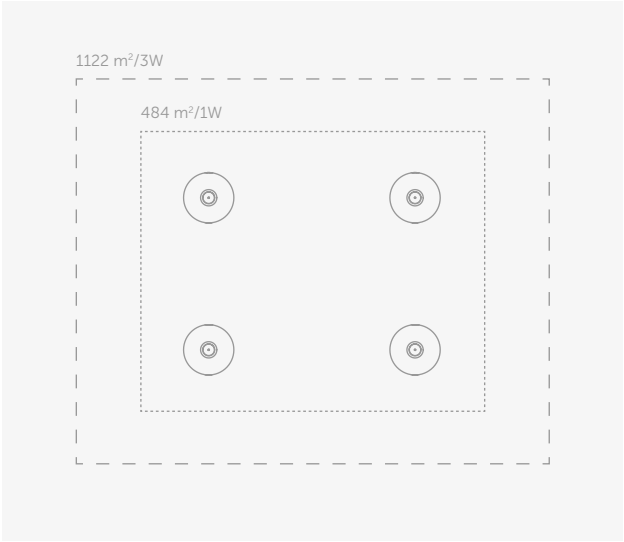
TEY EXAMPLE OF PHOTOMETRY



Optic O for open area

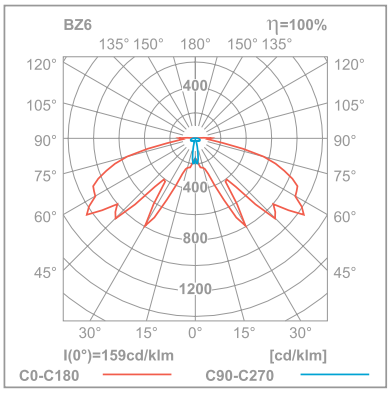
simulation for four luminaires and min 0,5 lx (area)





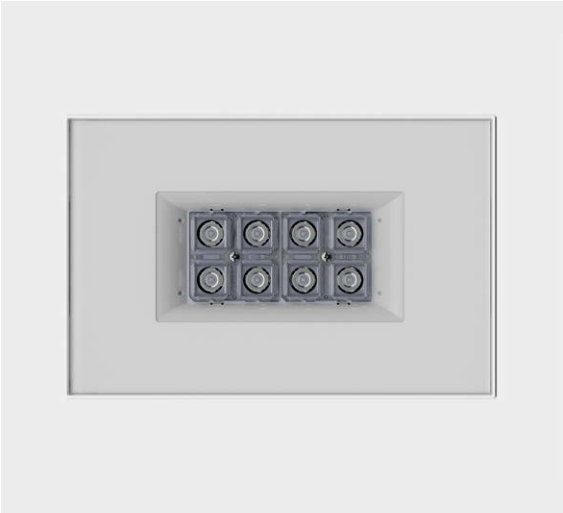
Optic C for corridor

simulation for two luminaires and min 1 lx (distance)



MX family

MX



MX p. 118

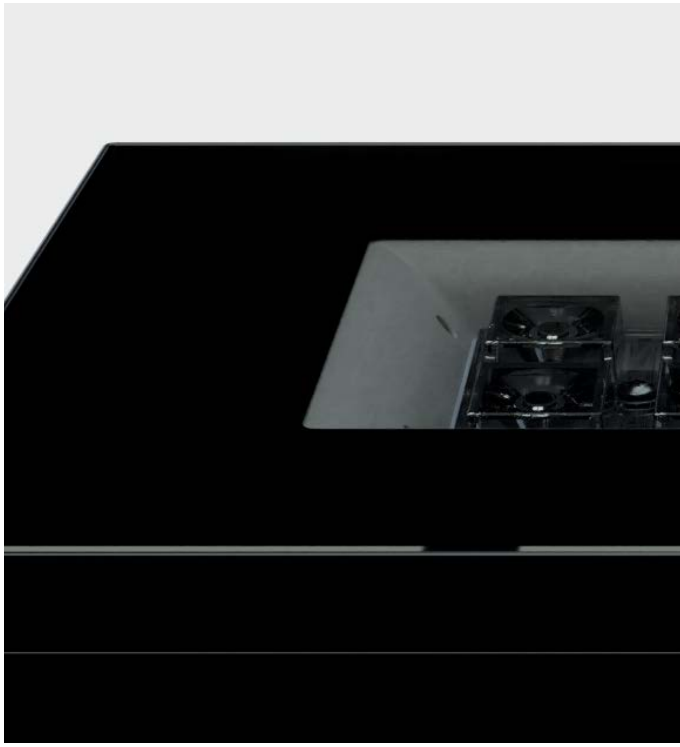
Quality and Versatility

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

White	Grey	Black
RAL 9003	RAL 7045	RAL 9005

IP CERTIFIED



Durability and effeciency

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

DC
48V

LED

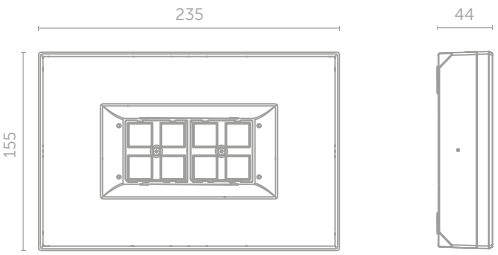
IP42

IP65

IK08

MATERIALS	Aluminium body painted white, grey or black Glass cover
MOUNTING	Surface Optionally recessed [1]
POWER SUPPLY	Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC Central battery FZLV II - 48VDC
LIGHT SOURCE	2x6W, 12W, 15W LED ***Optics:*** C – corridor • O – open area ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
INSULATION CLASS	I or III
IP & IK RATING	IP42 or IP65, IK08
AMBIENT TEMPERATURE	t_a: 0°C ÷ 50°C
OPTIONS	central battery FZLV II 48VDC • CB – central battery
ADDITIONAL INFORMATION	III class of insulation of FZLV and FZLV II version • [1] see accessory for recessed mounting

DIMENSIONS [mm]



KM 618355
BS-EN 60598-2-22

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

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

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM	COLOR		
MXO MXC MX	2x6W	FZLV2	WH	GR	BL
MXEO MXEC MXE	2x6W	FZLV2	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

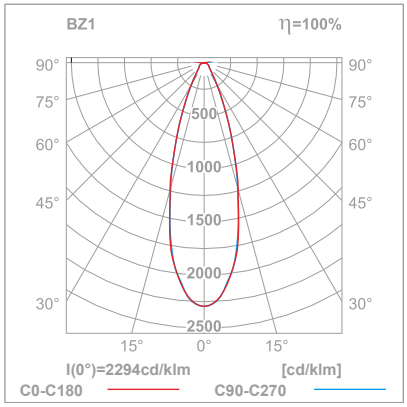
POWER	OUTPUT		
	MXO	MXC	MX
2x6W	1375	1360	1360
2x6W	1375	1360	1360

LEGEND:

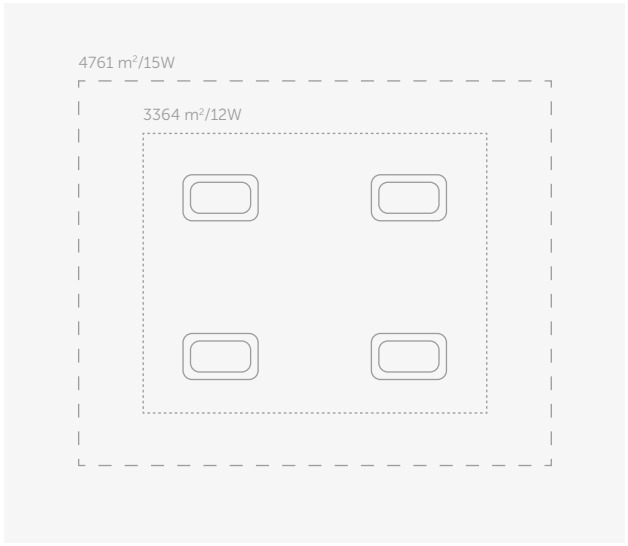
MX	luminaire MX IP65 without optics
MXO	luminaire MX IP65 with optic for open area
MXC	luminaire MX IP65 with optic for corridor
MXE	luminaire MX IP42 without optics
MXEO	luminaire MX IP42 with optic for open area
MXEC	luminaire MX IP42 with optic for corridor
Z	fitting without additional options
CB	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
FZLV2	central battery FZLV II 48 VDC
WH	white color
GR	grey color
BL	black color

MX EXAMPLE OF PHOTOMETRY

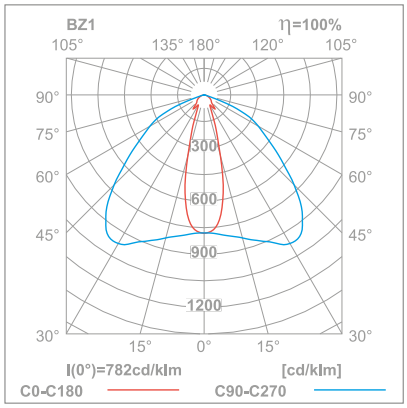
Optic O for open area



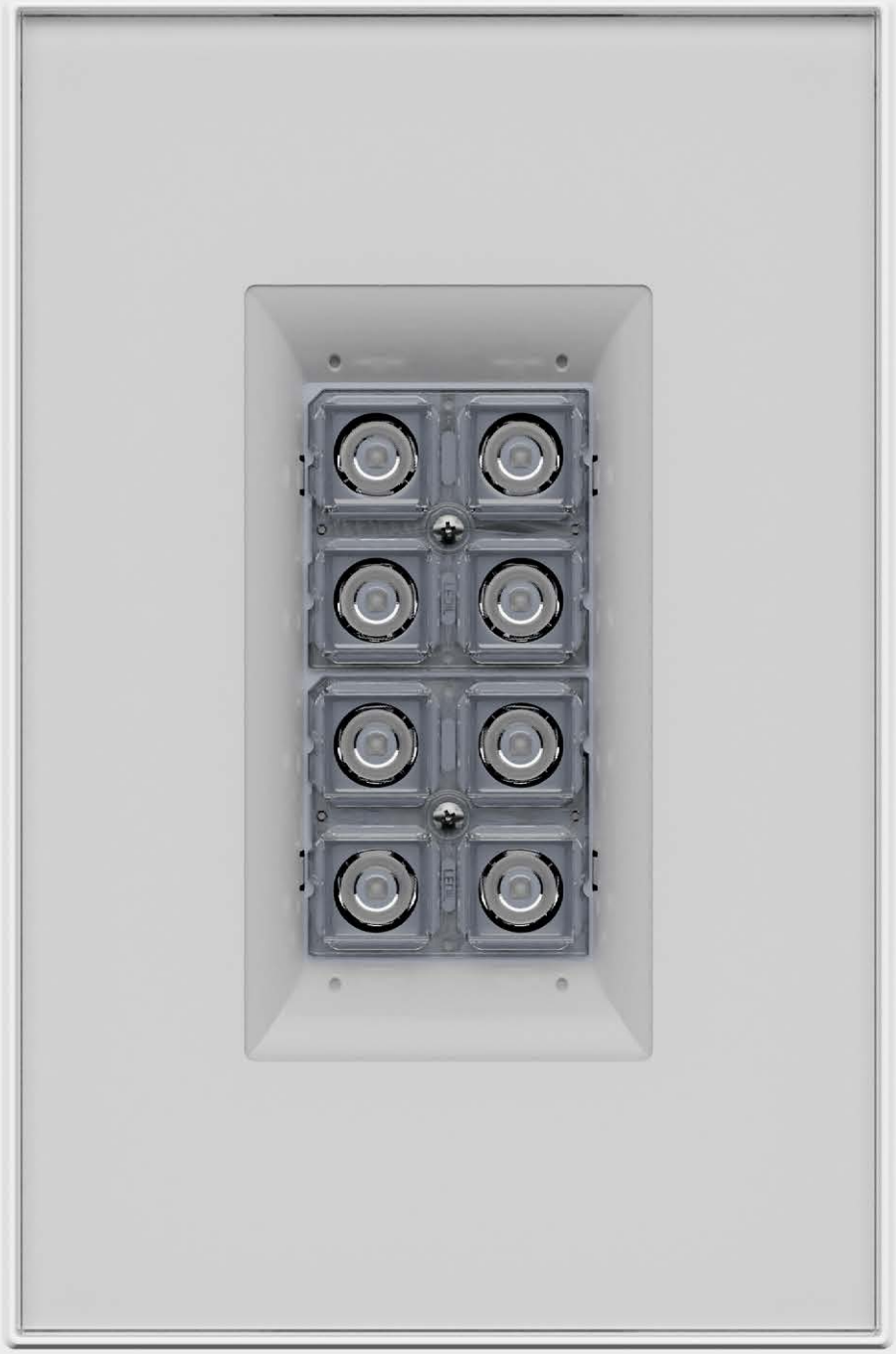
simulation for four luminaires and min 0,5 lx (area)



Optic C for corridor



simulation for two luminaires and min 1 lx (distance)

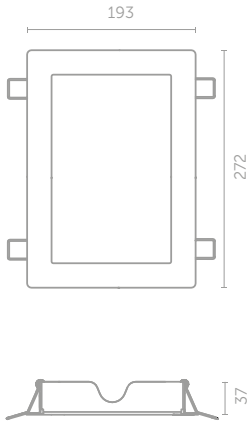


MX accessories

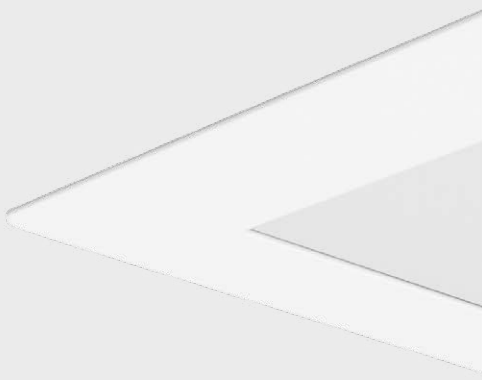
ACCESSORY FOR RECESSED MOUNTING

CODE: MX/REC/WH
MX/REC/GR
MX/REC/BL

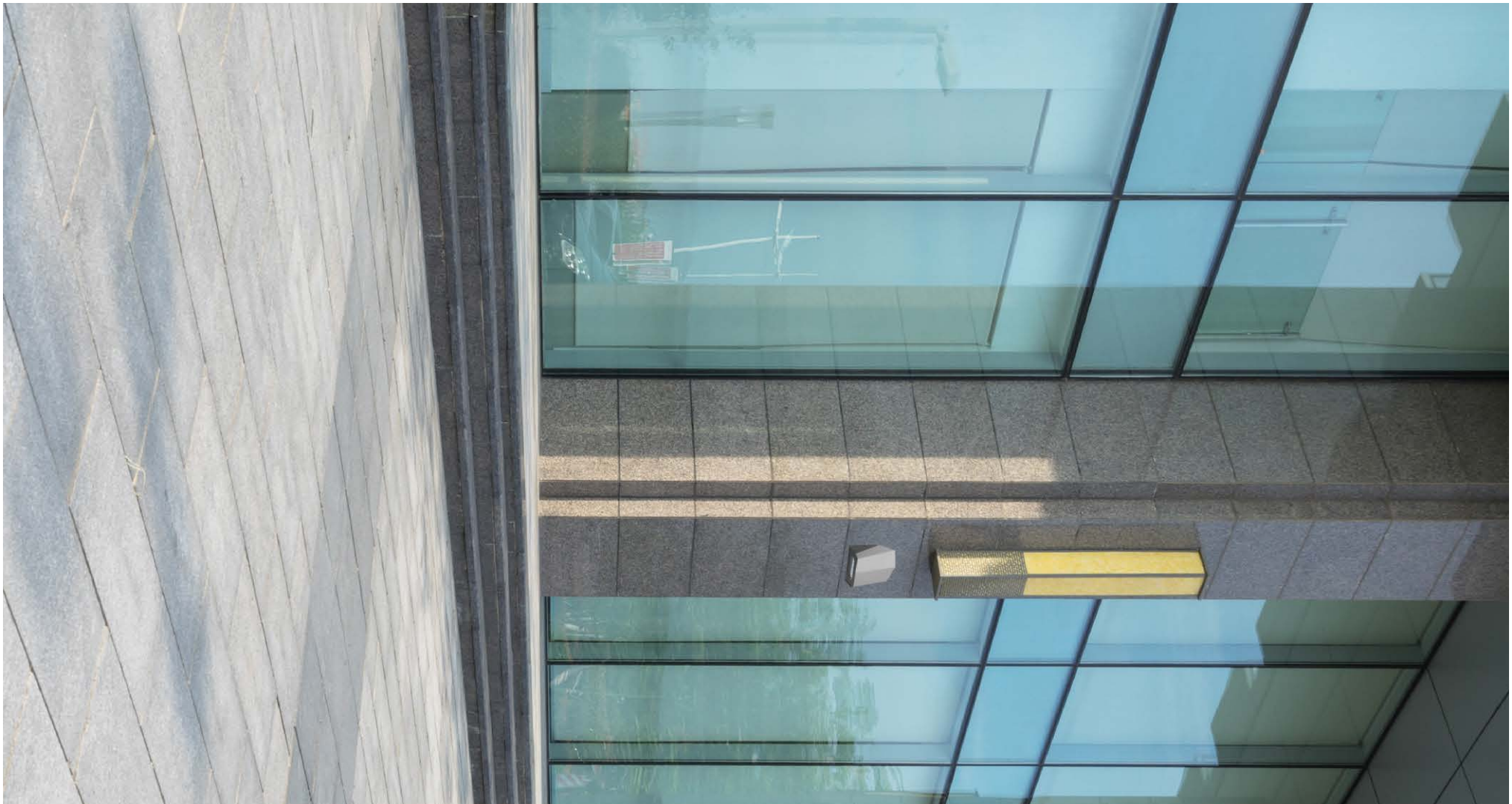
DIMENSIONS [mm]



FITS TO MX



OUTDOOR LED family



OUTDOOR LED

OUTDOOR LED p. 128

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.

CLOSE UP

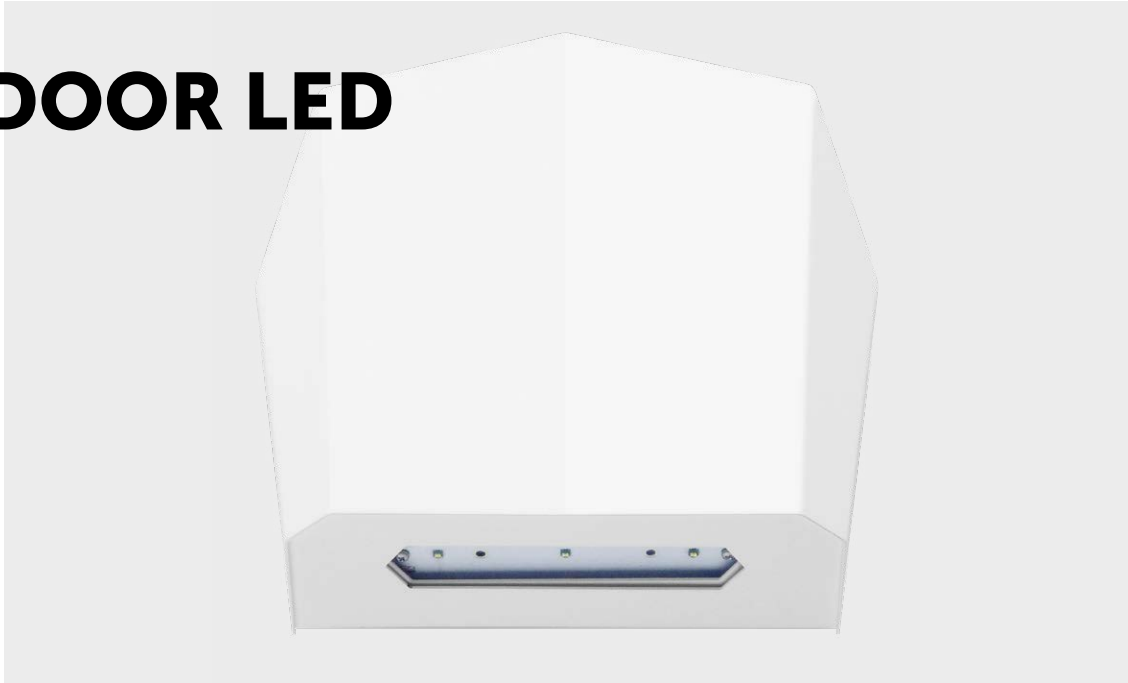
COLOURS

White	Grey	Black
RAL 9003	RAL 7045	RAL 9005

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

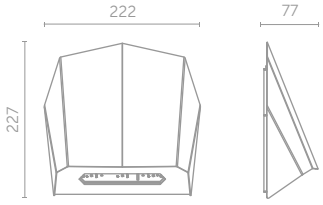
Ni-Cd

$LiFePO_4$

DALI

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	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 • RD – DALI 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	RD	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

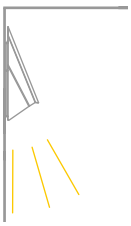
OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]	
POWER	ODB
3x1W	460

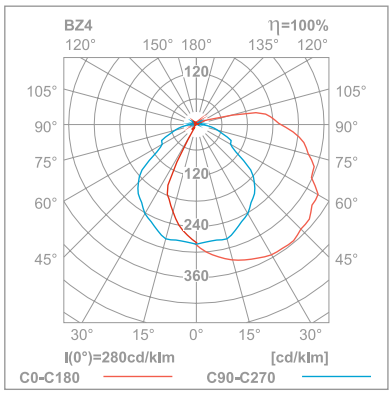
LEGEND:

ODB	Outdoor LED
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
RD	DALI 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
BL	black color
GR	grey color

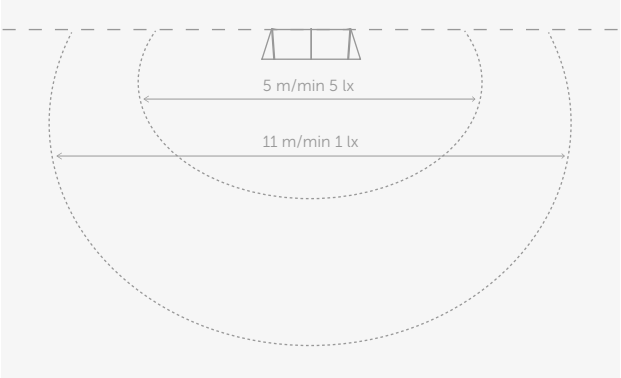
OUTDOOR LED EXAMPLE OF PHOTOMETRY

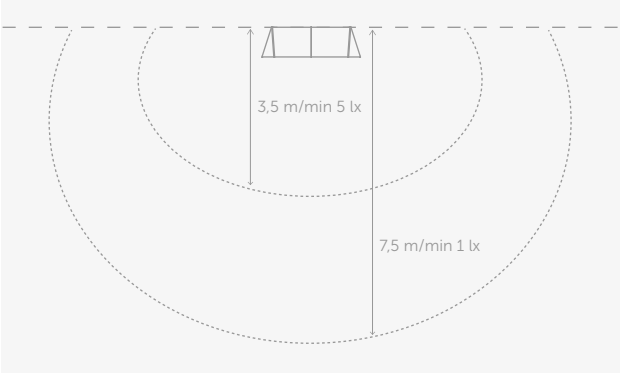


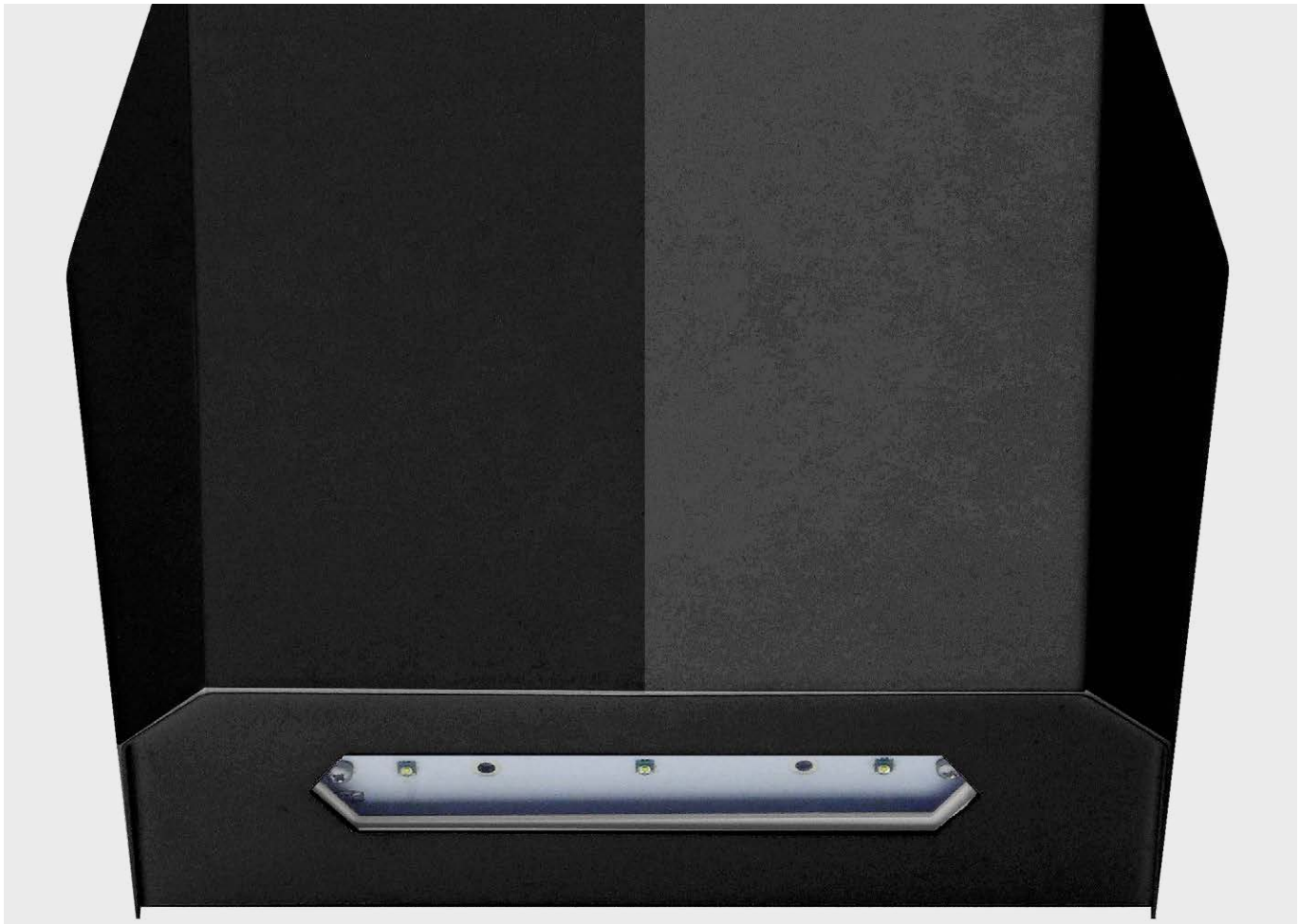
Optic for escape route

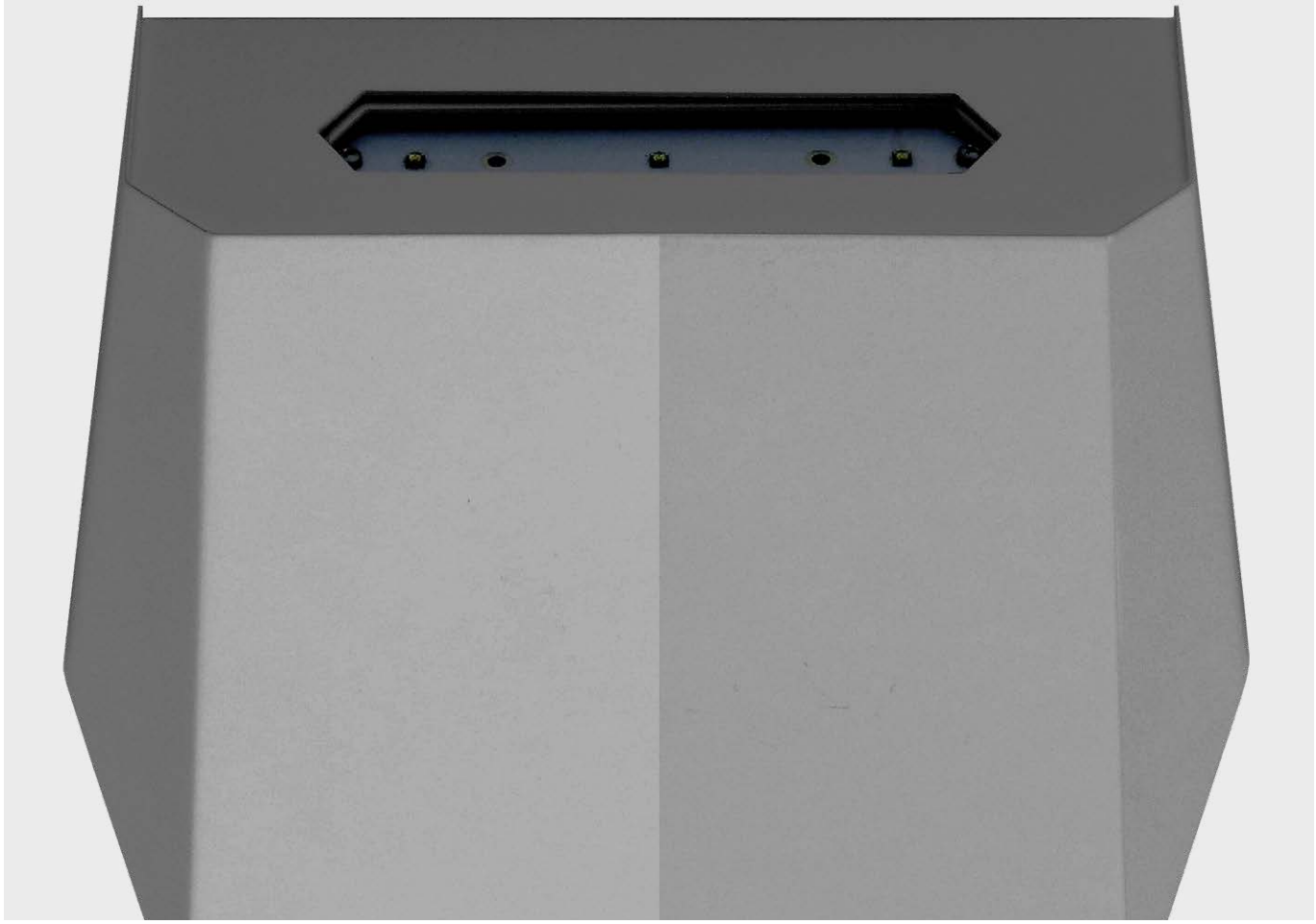


simulation for one luminaire and min 1 lx and 5 lx (area)

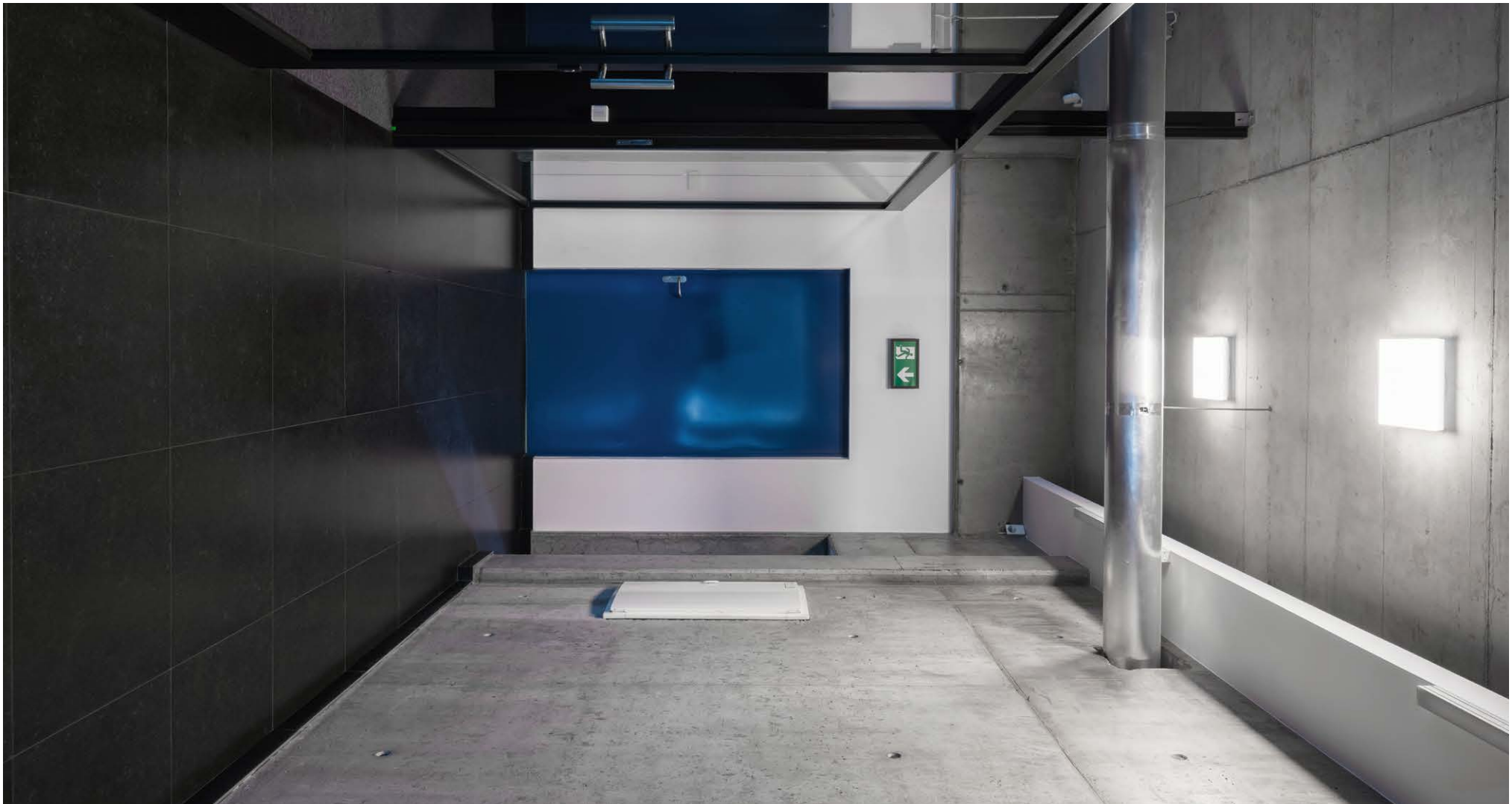


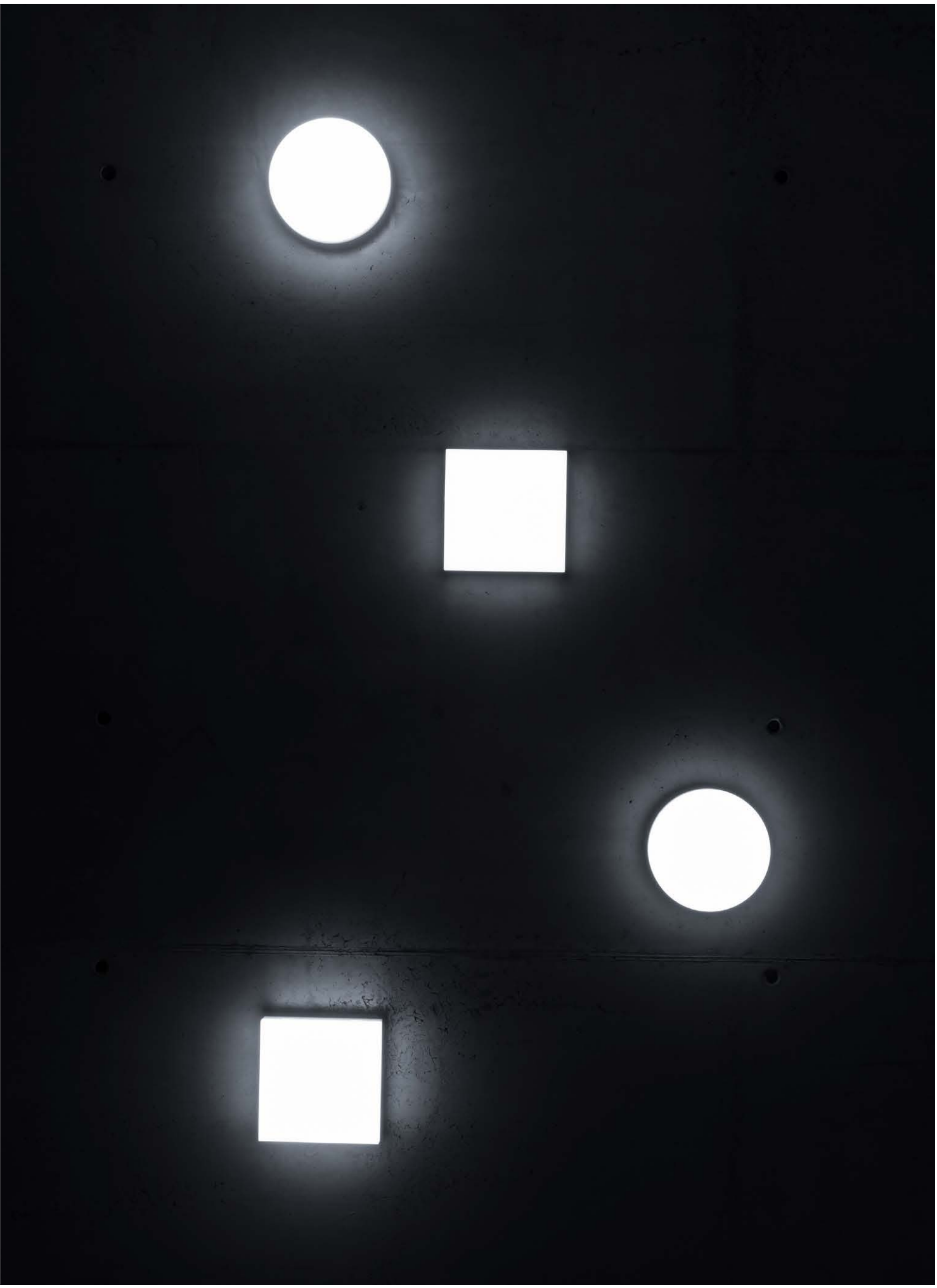




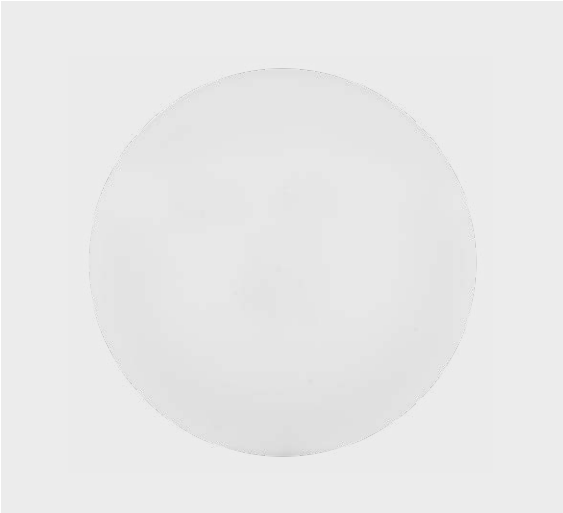


EDGE family





EDGE



EDGE R p. 136

EDGE S p. 140

Compact design

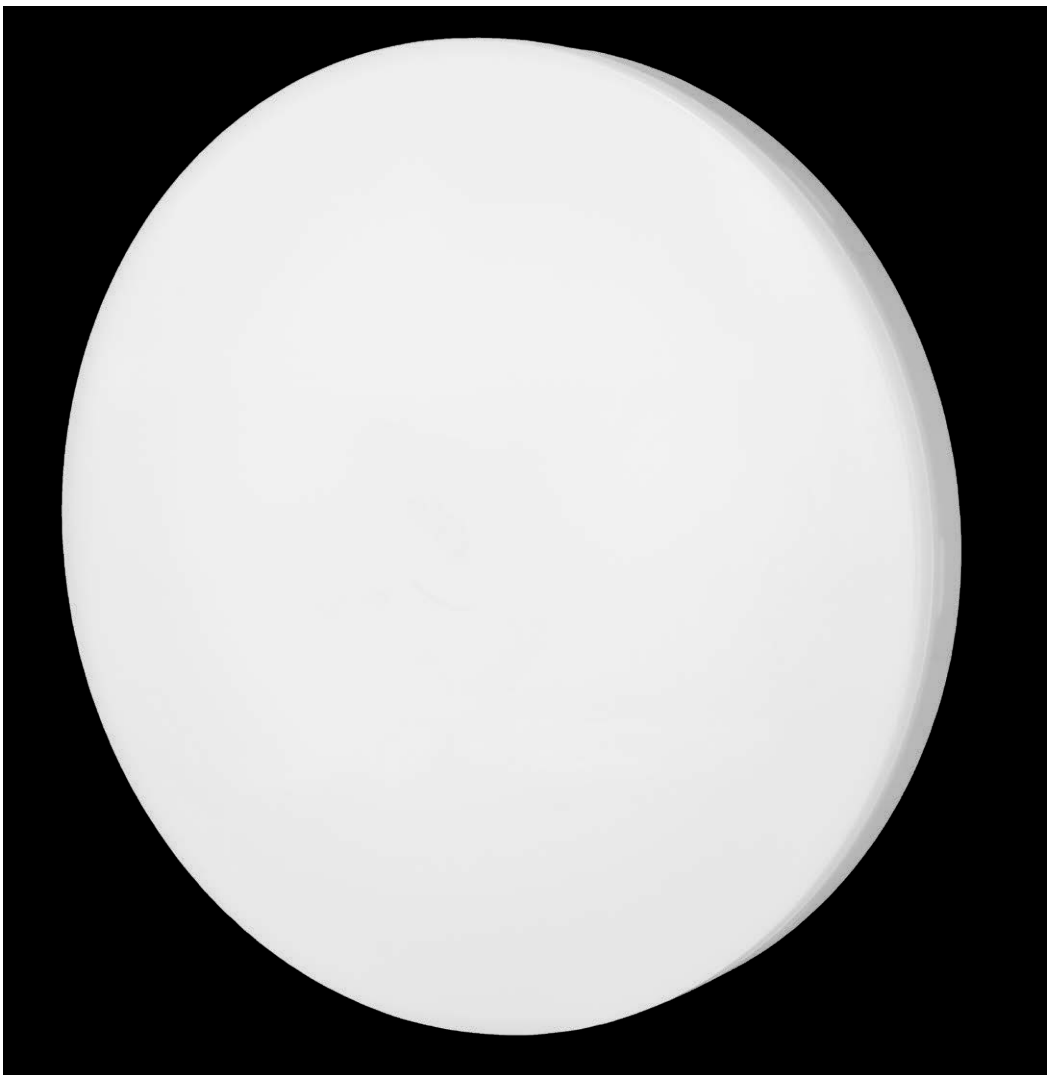
EDGE series is a new concept of main lighting luminaires in symbiosis with emergency lighting. It is designed for surface mounting to walls or ceilings inside buildings. The luminaire is made from high-quality components with different power/light source for both main and emergency lighting. Incorporated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

CLOSE UP

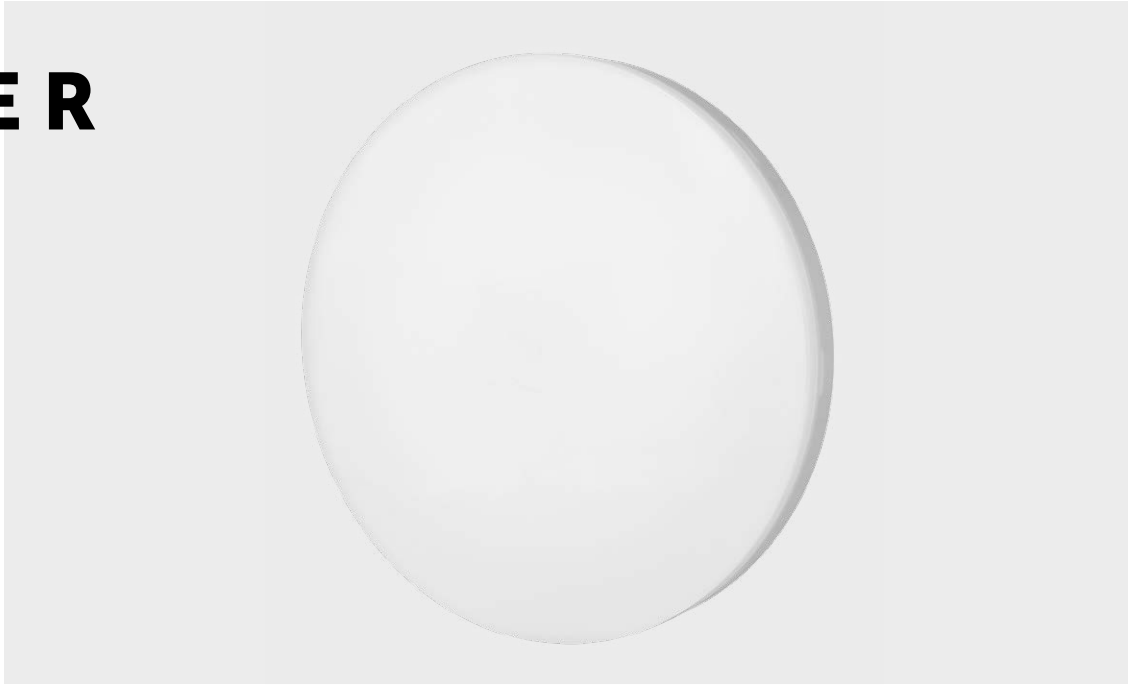
COLOURS

White

RAL 9003



EDGE R



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP54

IK10

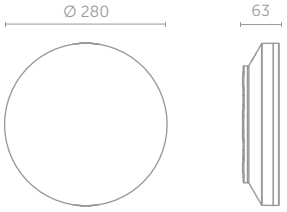
Ni-Cd

$LiFePO_4$

DALI

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 ***Colour temperature:*** 3000K, 4000K, 6000K ***Lifetime:*** 50000h
LIGHT SOURCE - EMERGENCY MODE	***Power:*** 1W, 3W LED ***Colour 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, $LiFePO_4$ 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 • RD – DALI 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)	
EDRE12 EDRE18 EDRE24	WH	WS	3000	4000
	WH	WS	3000	4000
	WH	WS	3000	4000

OUTPUT IN MAINS MODE [lm]

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

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	RD	WH	WS	3000	4000

OUTPUT IN EMERGENCY MODE [lm]

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

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

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

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

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

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

OUTPUT IN EMERGENCY MODE [lm]

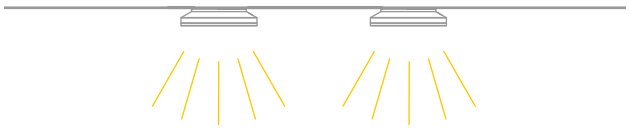
OUTPUT [lm]			
POWER*	3000K	4000K	6500K
1W	X	X	145
3W	X	X	380

* – power in emergency mode

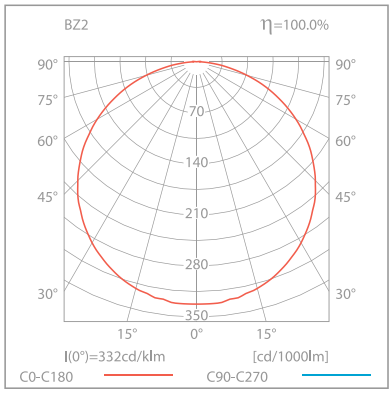
LEGEND:

EDRE12	fitting EDGE R 12W in maintained mode
EDRE18	fitting EDGE R 18W in maintained mode
EDRE24	fitting EDGE R 24W in maintained mode
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	LED emergency section - non maintained
SA	LED emergency section - maintained (night mode)
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
RW	Rubic UNA Wireless central monitoring
RD	DALI 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
ADN	address module for CBS 2.0 – SMART technology
ADS	address module for CBS 1.0 – SMART technology
WH	fitting without motion sensor MCR
WS	fitting with motion sensor MCR

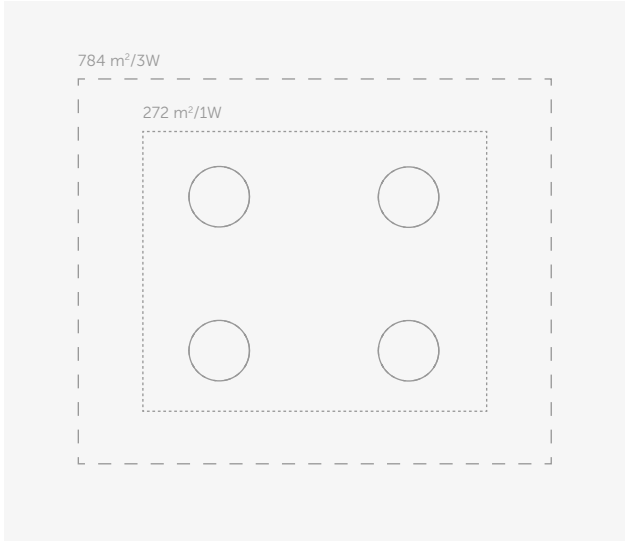
EDGE R EXAMPLE OF PHOTOMETRY

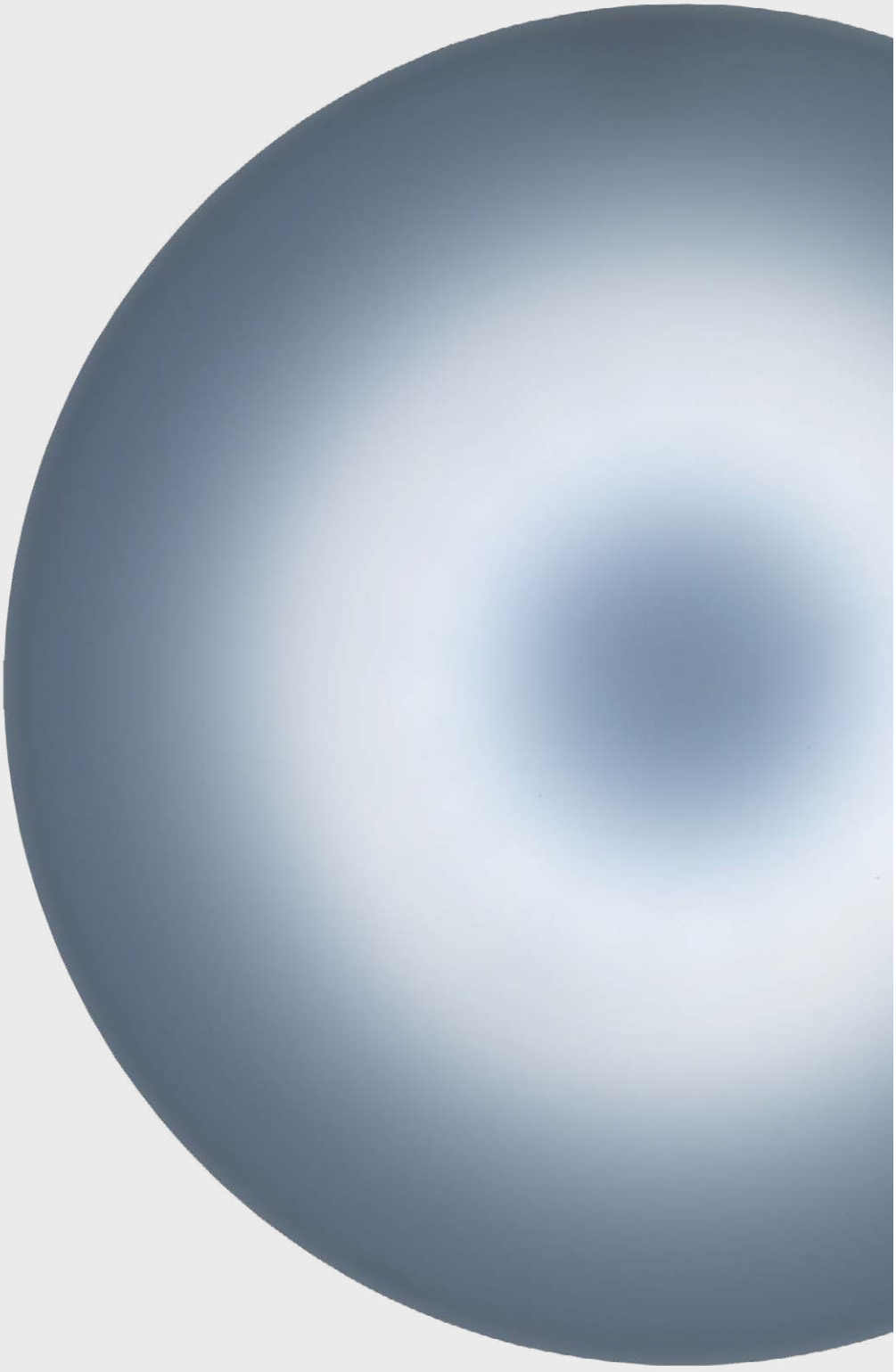


Optic O for open area

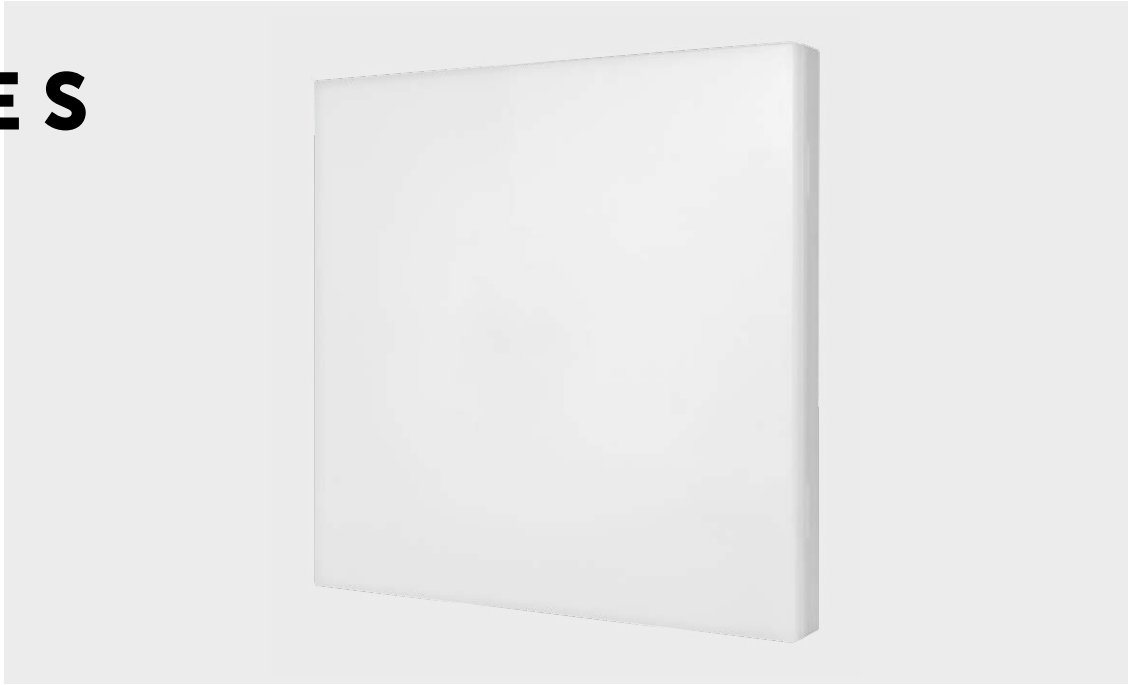


simulation for four luminaires and min 0,5 lx (area)





EDGE S



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP54

IK08

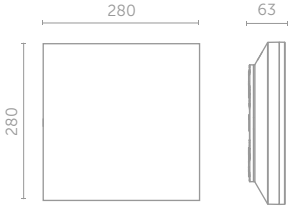
Ni-Cd

$LiFePO_4$

DALI

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 ***Colour temperature:*** 3000K, 4000K, 6000K ***Lifetime:*** 50000h
LIGHT SOURCE - EMERGENCY MODE	***Power:*** 1W, 3W LED ***Colour 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, $LiFePO_4$ 6,4V batteries
INSULATION CLASS	II
IP & IK RATING	IP54, IK08
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 • RD – DALI 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)	
EDSE12 EDSE18 EDSE24	WH	WS	3000	4000
	WH	WS	3000	4000
	WH	WS	3000	4000

OUTPUT IN MAINS MODE [lm]

OUTPUT [lm]		
CODE	3000K	4000K
EDSE12 EDSE18 EDSE24	1500	1600
	2360	2480
	2780	2950

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	RD	WH	WS	3000	4000

OUTPUT IN EMERGENCY MODE [lm]

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

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

OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]			
POWER*	3000K	4000K	6500K
1W	X	X	145
3W	X	X	380
12W	1500	1600	X
18W	2360	2480	X
24W	2780	2950	X

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

OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]			
POWER*	3000K	4000K	6500K
1W	X	X	145
3W	X	X	380
12W	1500	1600	X
18W	2360	2480	X
24W	2780	2950	X

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

OUTPUT IN EMERGENCY MODE [lm]

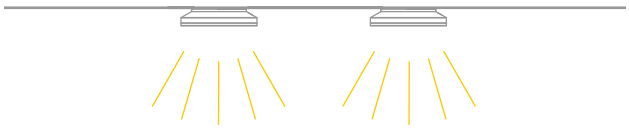
OUTPUT [lm]			
POWER*	3000K	4000K	6500K
1W	X	X	145
3W	X	X	380

* – power in emergency mode

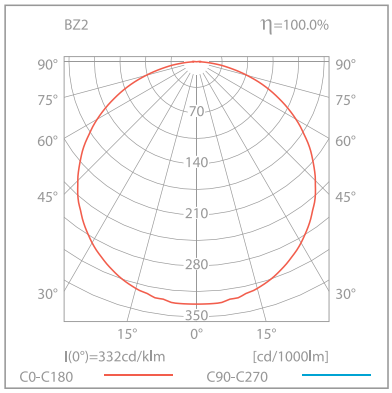
LEGEND:

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

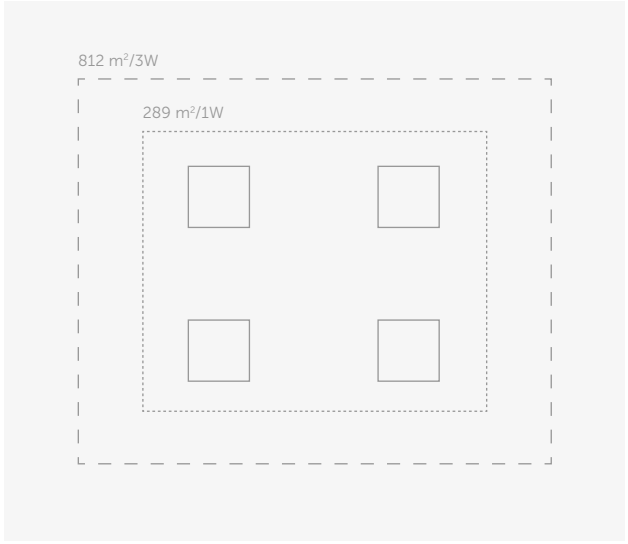
EDGE S EXAMPLE OF PHOTOMETRY

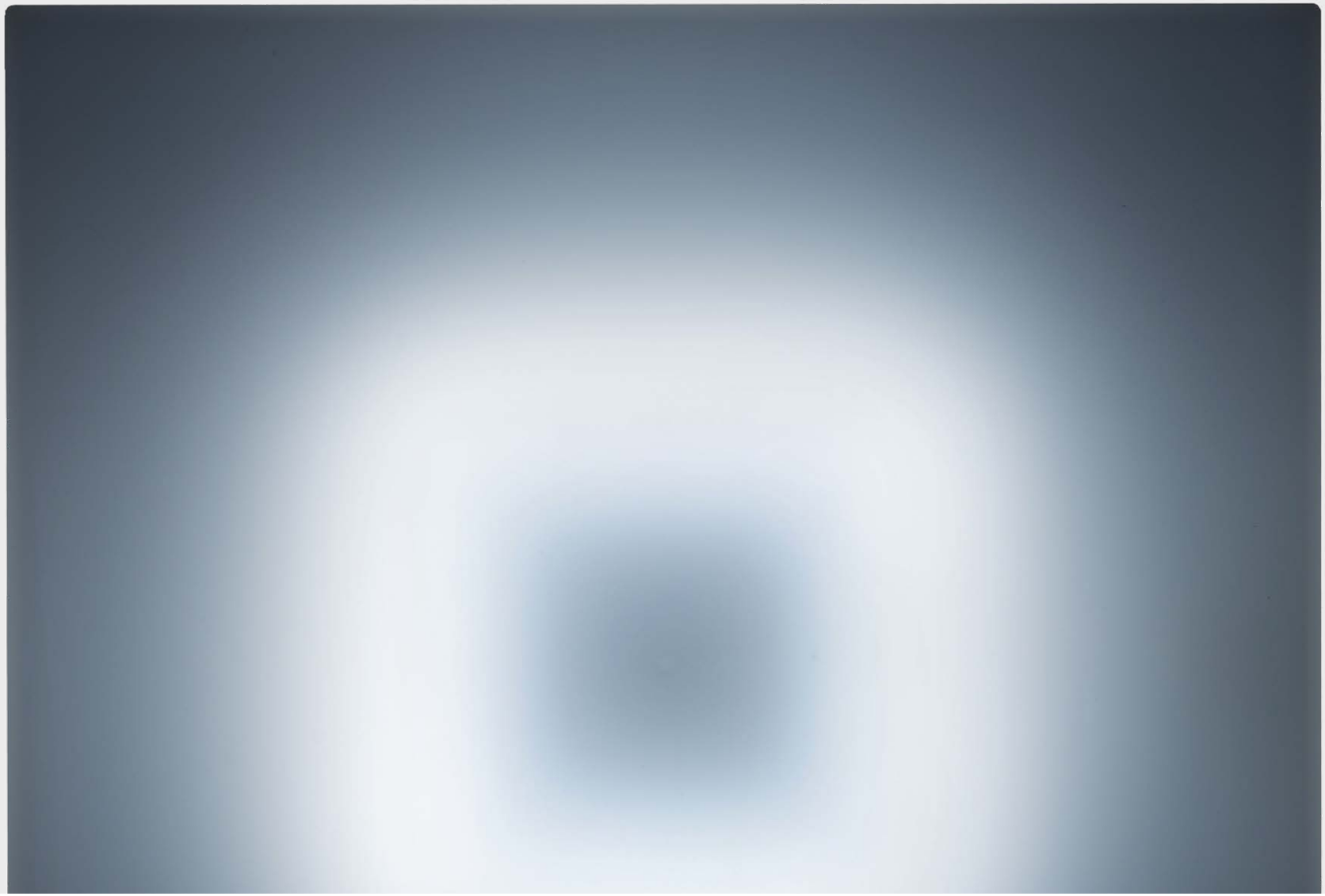


Optic for open area



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



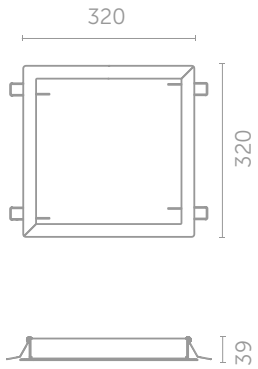


EDGE accessories

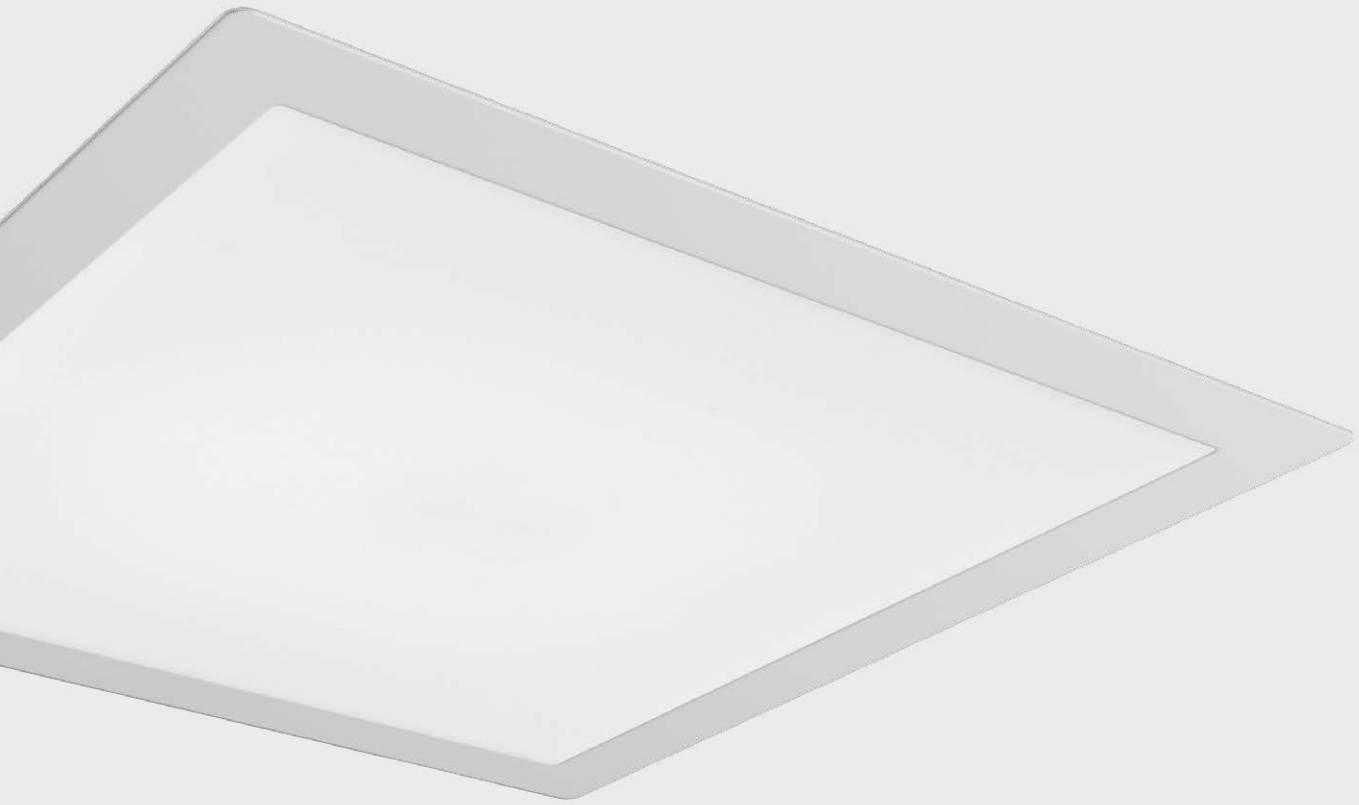
ACCESORY FOR RECESSED MOUNTING

CODE: EDSE/REC/WH

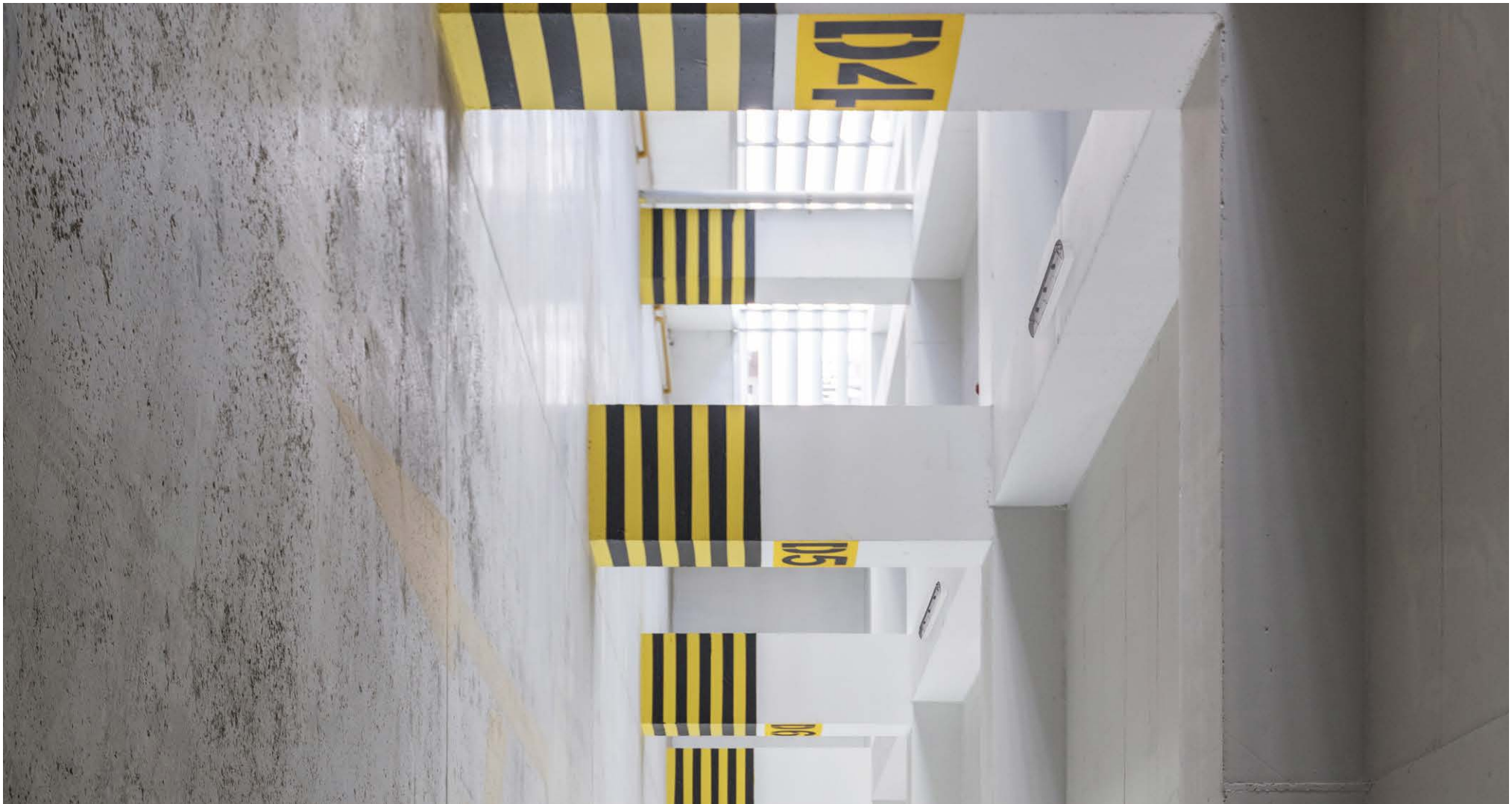
DIMENSIONS [mm]



FITS TO EDGE S



HELIOS LED family



C4
C3

HELIOS LED

HELIOS LED p. 150

HELIOS LED p. 154

HELIOS DS LED p. 156

CLOSE UP

COLOURS

White

RAL 9003

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

IK08

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP42 or IP65, IK08
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 • RD – DALI 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

Ni-Cd

$LiFePO_4$

KM 618355
BS-EN 60598-2-22

DIMENSIONS [mm]

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS				COVER
STANDARD	HWM HWEM	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
	HWD HWED	3x1W	E C	1	3	SE	SA	PT	AT	X		TR
	HHP	6x1W*	B	1	3	SE	SA	PT	AT	X		TR
PREMIUM	HWM HWEM	1W	B	1	3	SE	SA	AT	RU	RW	RD	TR
		2W	B	1	3	SE	SA	AT	RU	RW	RD	TR
		3W	B	1	3	SE	SA	AT	RU	RW	RD	TR
	HWD HWED	3x1W	B	1	3	SE	SA	AT	RU	RW	RD	TR
	HHP	4W	B	1	3	SE	SA	AT	RU	RW	RD	TR
		6x1W*	B	1	3	SE	SA	AT	RU	RW	RD	TR

* power in emergency mode

OUTPUT IN EMERGENCY MODE [lm]

	POWER	OUTPUT [lm]
STANDARD	1W	165
	2W	255
	3W	395
	3x1W	395
	6x1W	920
PREMIUM	1W	175
	2W	310
	3W	410
	3x1W	410
	4W	560
	6x1W	920

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COVER
HWM HWEM	1W	F	CB	CBS	X	TR
	2W	F	CB	CBS	X	TR
	3W	F	CB	CBS	X	TR
HWD HWED	3x1W	F	CB	CBS	X	TR
HHP	4W	F	CB	CBS	X	TR
	6x1W	F	CB	CBS	X	TR

OUTPUT IN EMERGENCY MODE [lm]

POWER	OUTPUT [lm]
1W	175
2W	310
3W	410
3x1W	410
4W	560
6x1W	920

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COVER
HWM HWEM	1W	Z	CB	ADE	ADP	TR
	2W	Z	CB	ADE	ADP	TR
	3W	Z	CB	ADE	ADP	TR
HWD HWED	3x1W	Z	CB	ADE	ADP	TR
HHP	4W	Z	CB	ADE	ADP	TR
	6x1W	Z	CB	ADE	ADP	TR

OUTPUT IN EMERGENCY MODE [lm]

POWER	OUTPUT [lm]
1W	175
2W	310
3W	410
3x1W	410
4W	560
6x1W	920

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COVER
HWM HWEM	1W	FZLV	FZLV2	TR
	2W	FZLV	FZLV2	TR
	3W	FZLV	FZLV2	TR
HWD HWED	3x1W	FZLV	FZLV2	TR
HHP	4W	FZLV2		TR
	6x1W	FZLV	FZLV2	TR

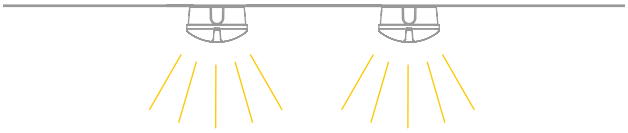
OUTPUT IN EMERGENCY MODE [lm]

POWER	OUTPUT [lm]
1W	175
2W	310
3W	410
3x1W	410
4W	560
6x1W	920

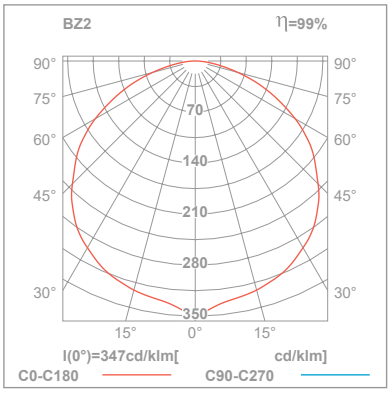
LEGEND:

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
RD	DALI 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

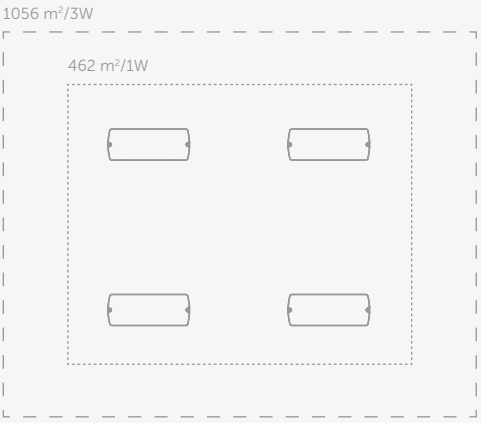
HELIOS LED EXAMPLE OF PHOTOMETRY



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

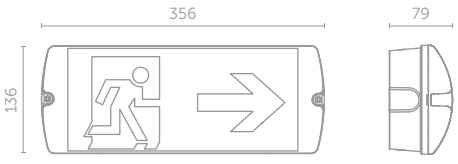
IP42

IP65

IK08

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP42 or IP65, IK08
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 • RD – DALI 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

d=25m

Ni-Cd

$LiFePO_4$

KM 618355
BS-EN 60598-2-22

DALI

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	RD	OP
		2W	B	1	3	SE	SA	AT	RU	RW	RD	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
RD	DALI 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

IK08

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP42 or IP65, IK08
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 • RD – DALI 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

d=25m

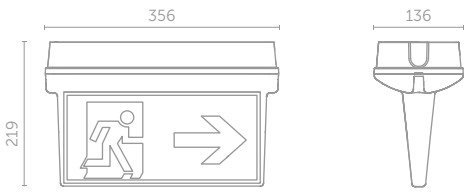
Ni-Cd

$LiFePO_4$

12

KM 618355
BS-EN 60598-2-22

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	RD	OP
		2W	B	1	3	SE	SA	AT	RU	RW	RD	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

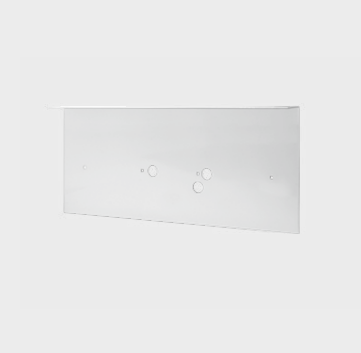
FZLV SYSTEM CONFIGURATION

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
RD	DALI 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

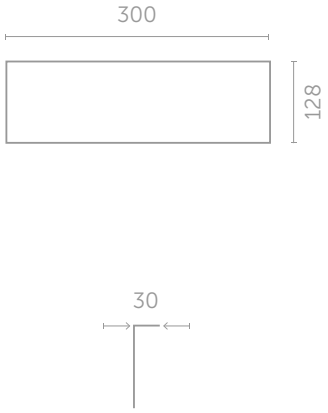
HELIOS LED accessories



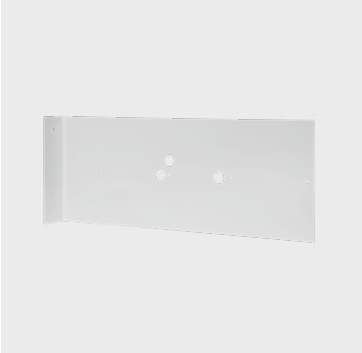
CEILING BRACKET

CODE: 1902

DIMENSIONS [mm]



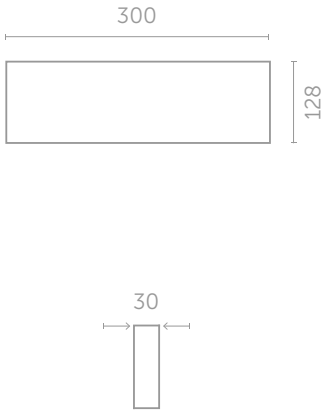
FITS TO HELIOS LED



WALL BRACKET

CODE: 1901

DIMENSIONS [mm]

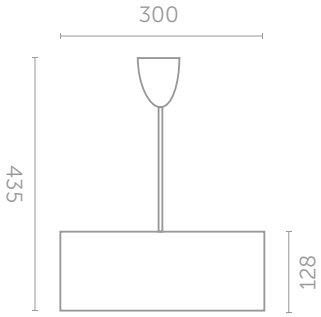


FITS TO HELIOS LED

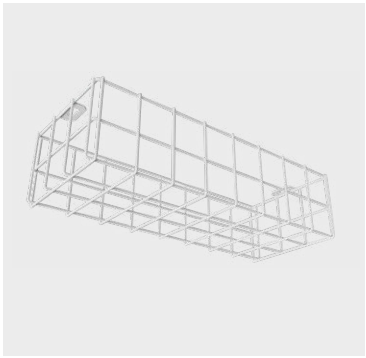
CEILING BRACKET WITH PIPE

CODE: 2944

DIMENSIONS [mm]



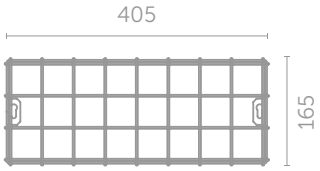
FITS TO HELIOS LED

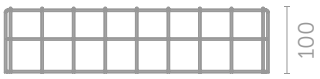


WIRE GUARD

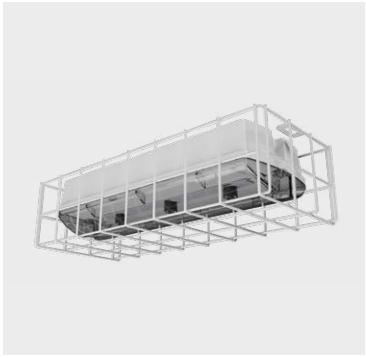
CODE: 1003

DIMENSIONS [mm]





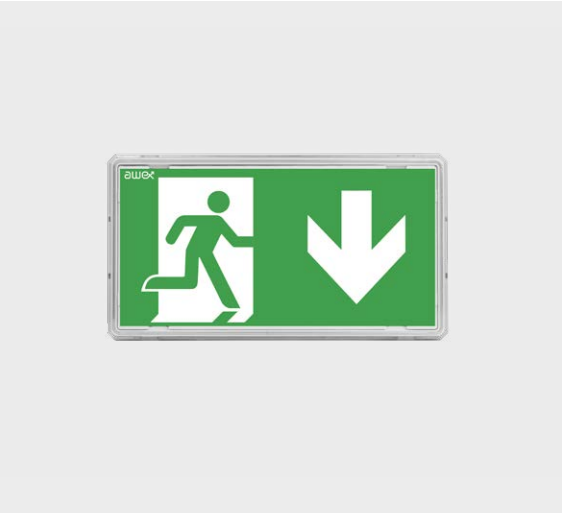
FITS TO HELIOS LED



EXIT family

EXIT

EXIT S p. 164



EXIT S p. 168

EXIT M p. 172

EXIT M p. 176

EXIT M DS 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

White	Grey	Black
RAL 9003	RAL 7045	RAL 9005

EXIT L p. 186

CLOSE UP

EXIT S

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

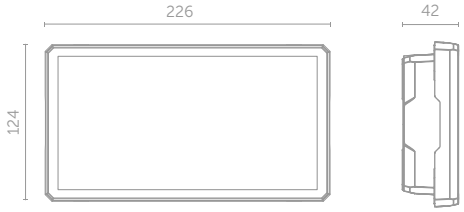
LED

IP65

IK07

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP65, IK07
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 • RD – DALI 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]



Ni-Cd

$LiFePO_4$

KM 618355
BS-EN 60598-2-22

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	RD	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL
		3W	B	1	3	SE	SA	AT	RU	RW	RD	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

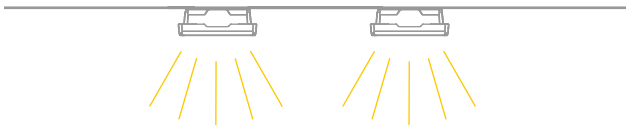
OUTPUT IN EMERGENCY MODE [lm]

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

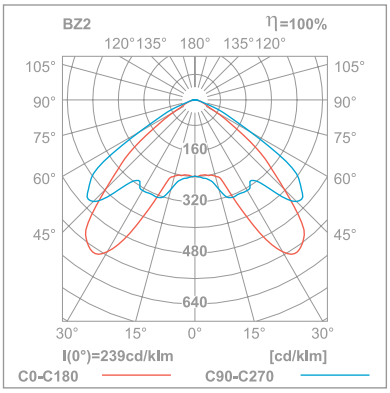
LEGEND:

ETS	fixture EXIT S
ETSU	fixture EXIT S with universal optics
ETSR	fixture EXIT S with optics for escape route
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
RD	DALI 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

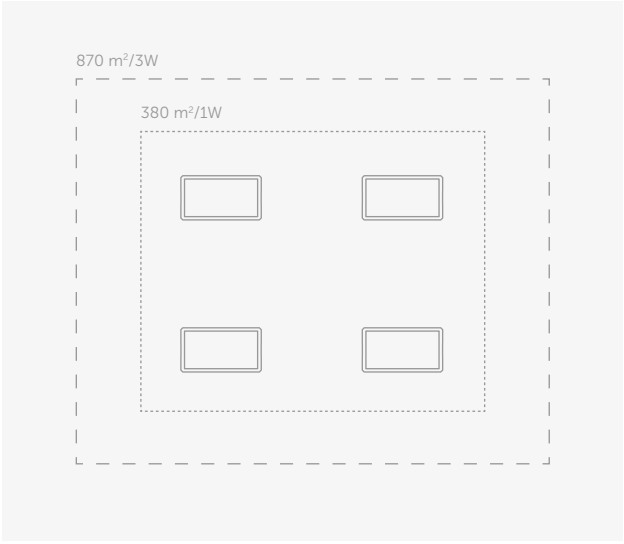
EXIT S EXAMPLE OF PHOTOMETRY



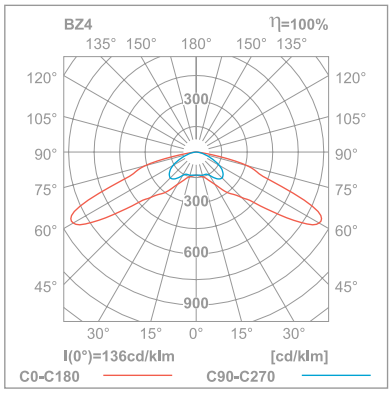
Optic U for open area



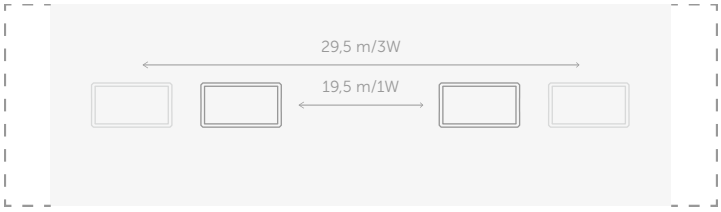
simulation for four luminaires and min 0,5 lx (area)



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

IK07

d=20m

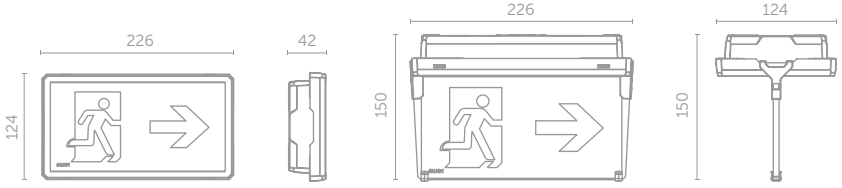
Ni-Cd

$LiFePO_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP65, IK07
VIEWING DISTANCE	20 m
VIEWING METHOD	Single sided or double-sided[3]
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 • RD – DALI 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	RD	WH	GR	BL	TR	OP
		2W	B	1	3	SE	SA	AT	RU	RW	RD	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
RD	DALI 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

IK08

Ni-Cd

$LiFePO_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP65, IK08
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 • RD – DALI 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	RD	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL
		3W	B	1	3	SE	SA	AT	RU	RW	RD	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

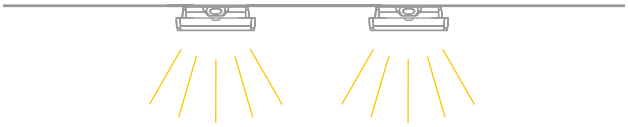
OUTPUT IN EMERGENCY MODE [lm]

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

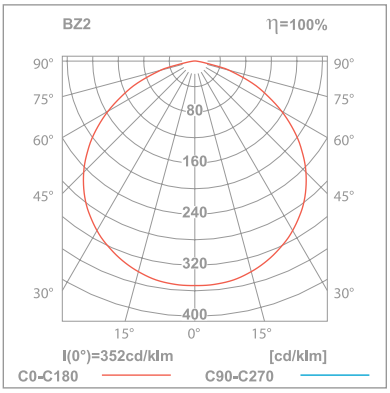
LEGEND:

ETE	fixture EXIT M
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
RD	DALI 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

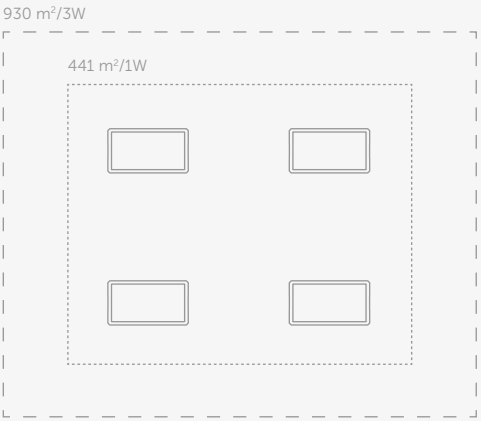
EXIT M EXAMPLE OF PHOTOMETRY



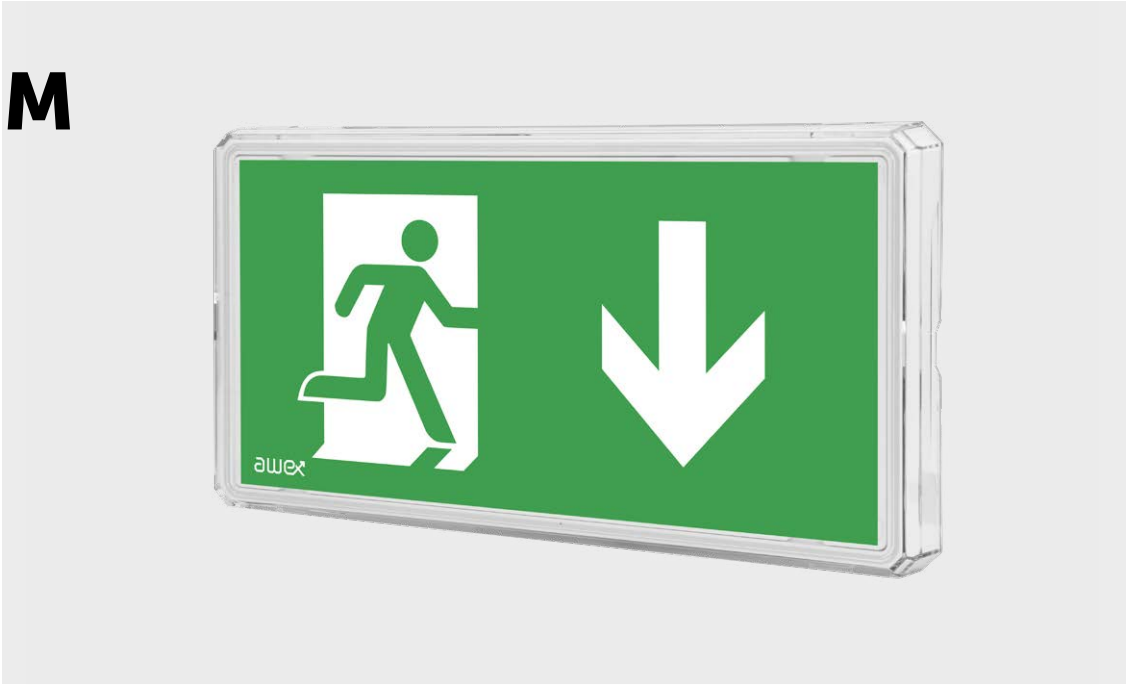
Optic for open area



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

IK08

d=25m

Ni-Cd

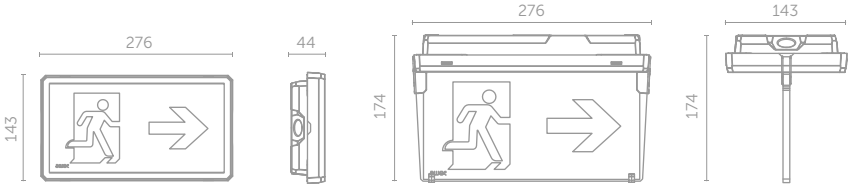
$LiFePO_4$

KM 618355
BS-EN 60598-2-22

DALI

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP65, IK08
VIEWING DISTANCE	25 m
VIEWING METHOD	Single sided or double-sided[3]
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 • RD – DALI 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	RD	WH	GR	BL	TR	OP
		2W	B	1	3	SE	SA	AT	RU	RW	RD	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

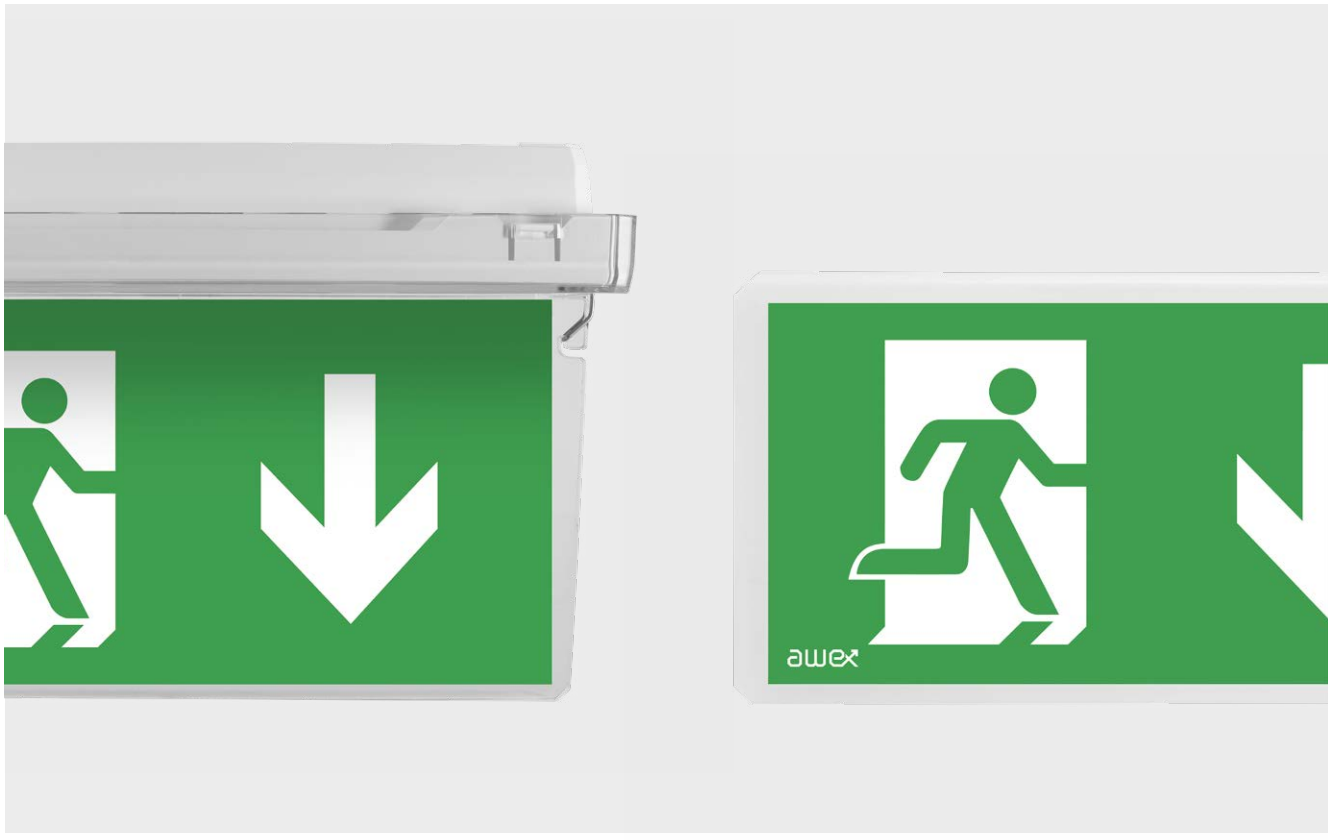
CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR			COVER	
ETE	1W	Z	CB	ADE	ADP	WH	GR	BL	TR	OP
	2W	Z	CB	ADE	ADP	WH	GR	BL	TR	OP

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
RD	DALI 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 DS

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP65

IK08

d=25m

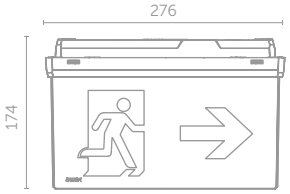
Ni-Cd

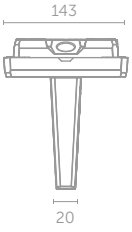
$LiFePO_4$

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] • Optionally wall or ceiling bracket [3]
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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
CHARGING	***Premium:*** max. 12h; energy-saving electronic charger
AUTONOMY AND BATTERIES	***Premium:*** 1h or 3h, $LiFePO_4$ 6,4V batteries
INSULATION CLASS	II or III
IP & IK RATING	IP65, IK08
VIEWING DISTANCE	25 m
VIEWING METHOD	double-sided[3]
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 • RD – DALI 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 bracket • [4] select 2pc of pictogram number from datasheet Pictograms.

DIMENSIONS [mm]





[4] pictogram

SELF-CONTAINED CONFIGURATION

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

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

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

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

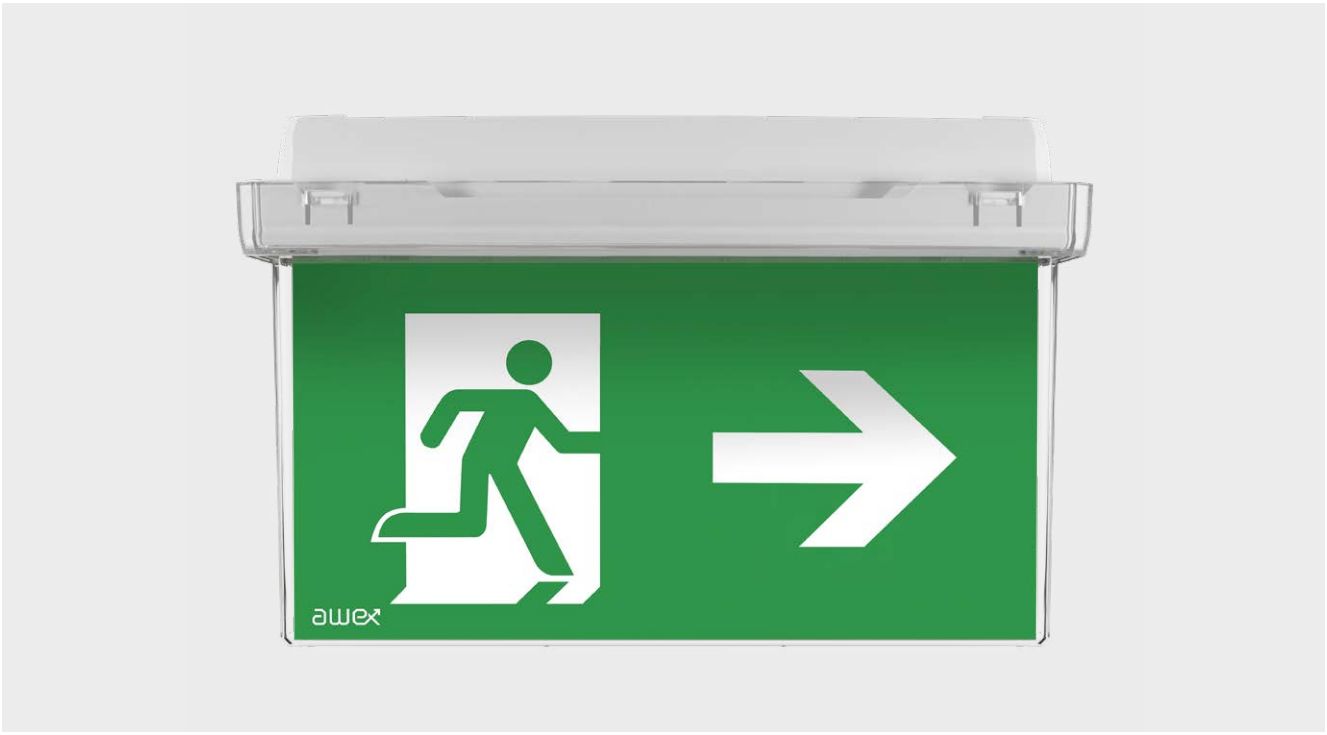
CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR			COVER		PICTOGRAMS
ETMDS	1W	Z	CB	ADE	ADP	WH	GR	BL	TR	OP	XXYY
	2W	Z	CB	ADE	ADP	WH	GR	BL	TR	OP	XXYY

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR			COVER		PICTOGRAMS
ETMDS	1W	FZLV	FZLV2	WH	GR	BL	TR	OP	XXYY
	2W	FZLV	FZLV2	WH	GR	BL	TR	OP	XXYY

LEGEND:

ETMDS	fixture EXIT M DS
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
RD	DALI 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
XX	pictogram from the front side ID (e.g. 21)
YY	pictogram from the back side ID (e.g. 21)



EXIT L

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP65

IK08

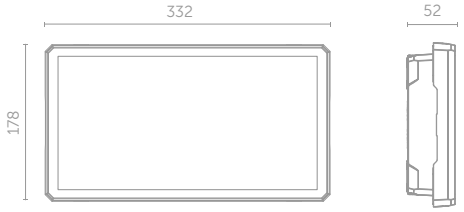
Ni-Cd

$LiFePO_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP65, IK08
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 • RD – DALI 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	RD	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL
		3W	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL
		6W	B	1	3	SE	SA	AT	RU	RW	RD	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
	6W	FZLV	FZLV2	WH	GR	BL

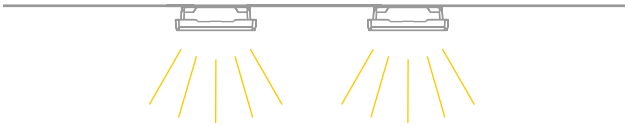
OUTPUT IN EMERGENCY MODE [lm]

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

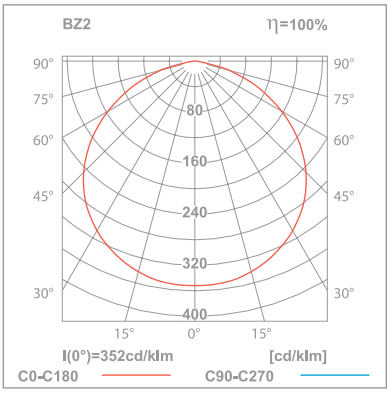
LEGEND:

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
RD	DALI 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

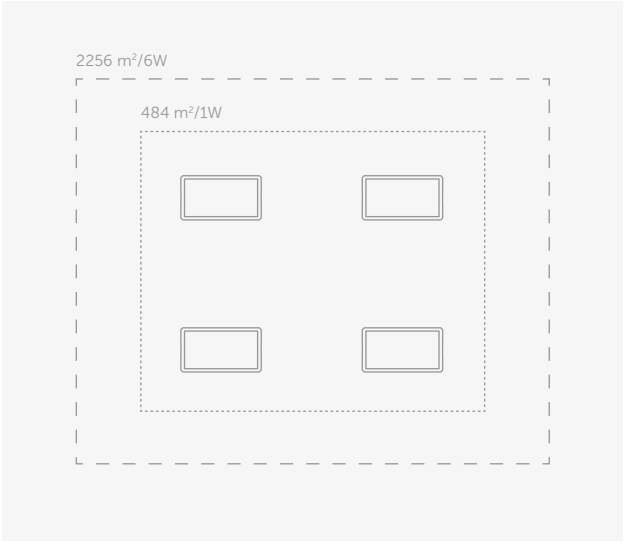
EXIT L EXAMPLE OF PHOTOMETRY

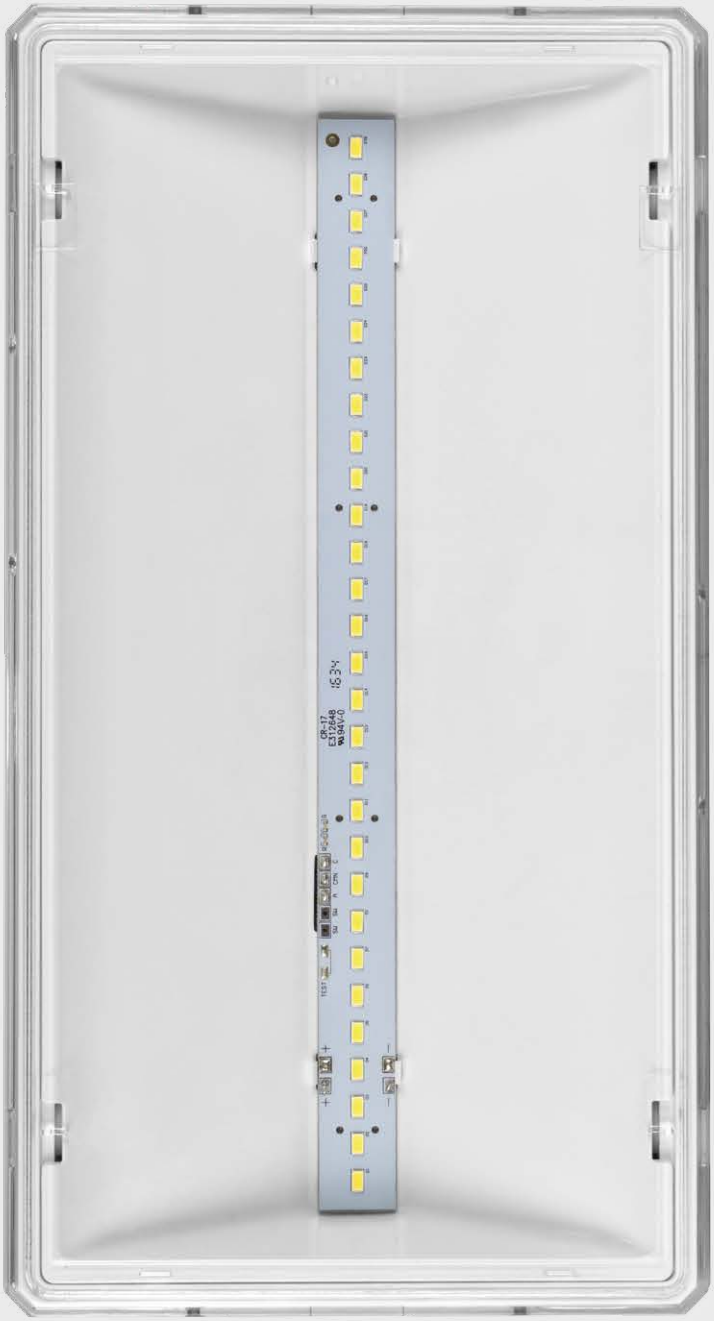


Opticfor open area

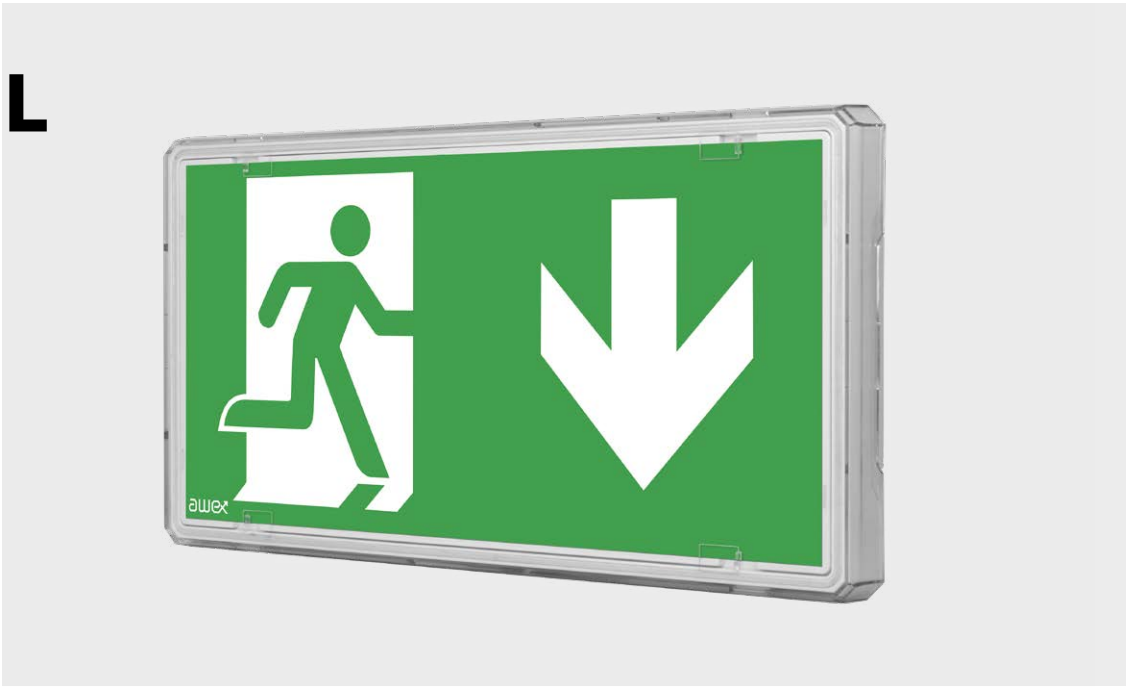


simulation for four luminaires and min 0,5 lx (area)





EXIT L



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP65

IK08

d=30m

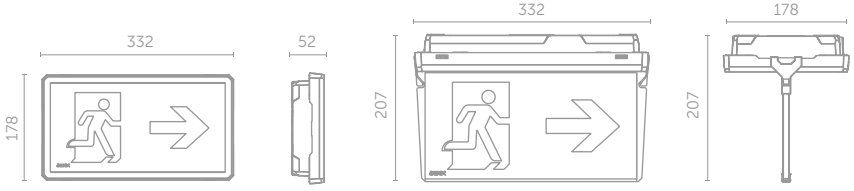
Ni-Cd

$LiFePO_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP65, IK08
VIEWING DISTANCE	30 m
VIEWING METHOD	Single sided or double-sided[3]
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 • RD – DALI 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	ETL	1W	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL	TR	OP
		2W	B	1	3	SE	SA	AT	RU	RW	RD	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

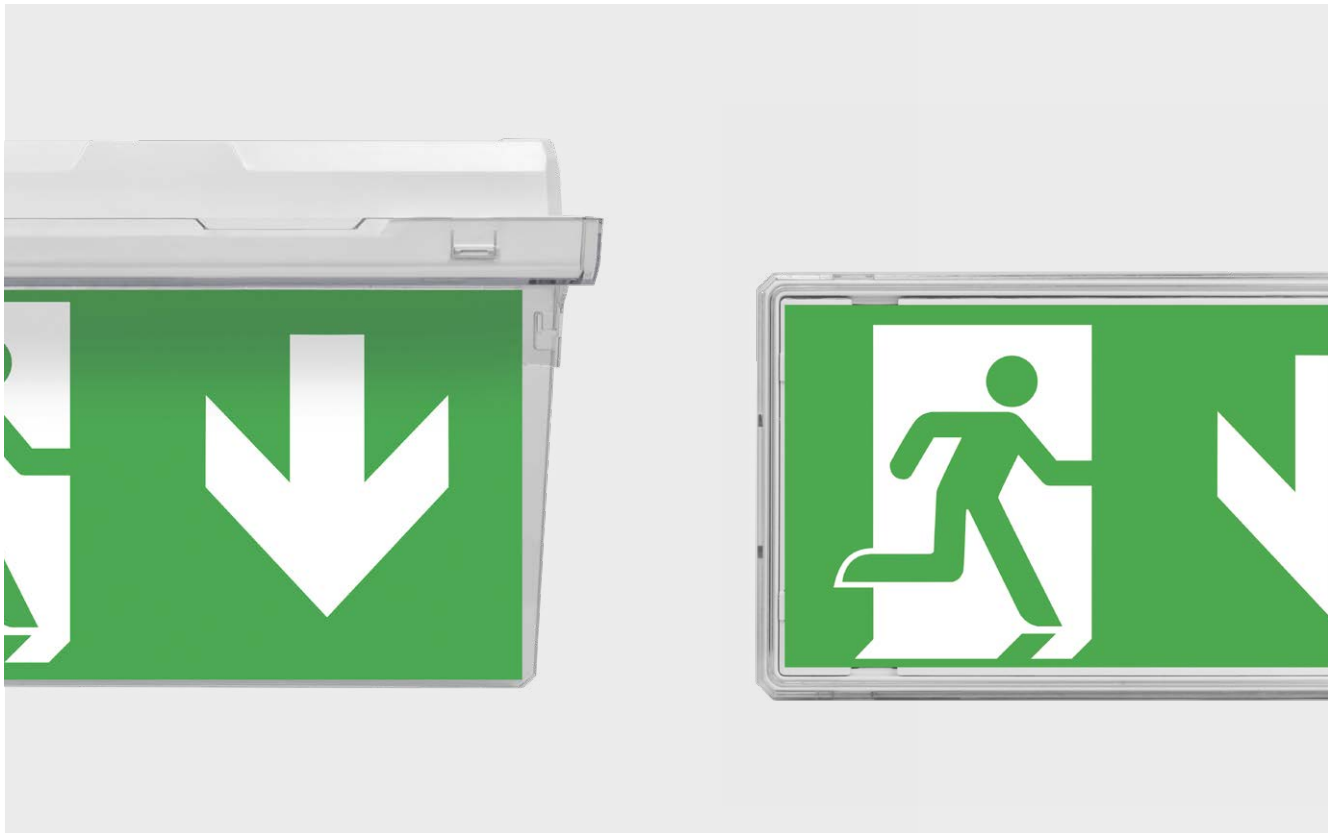
CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR			COVER	
ETL	1W	Z	CB	ADE	ADP	WH	GR	BL	TR	OP
	2W	Z	CB	ADE	ADP	WH	GR	BL	TR	OP

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
RD	DALI 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

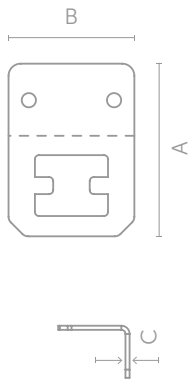


EXIT accessories

ACCESORY FOR RECESSED MOUNTING (SET)

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

DIMENSIONS [mm]



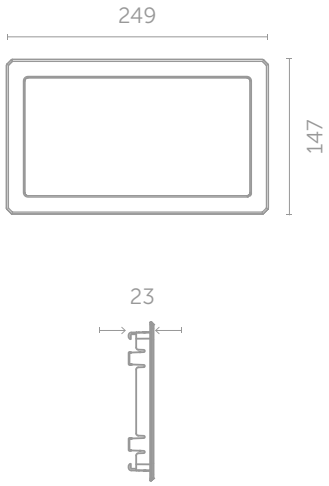
Dimensions:(AxBxC):
EXIT S: 36x36x1,5
EXIT M: 42x31x1,5
EXIT L: 37x34x1,5

FITS TO EXIT S, M, L

ACCESORY FOR RECESSED MOUNTING (SET)

CODE: ETS/REC2

DIMENSIONS [mm]

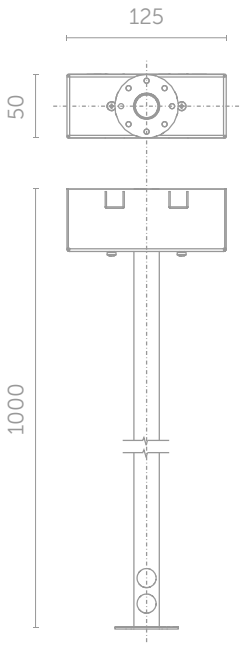


FITS TO EXIT S

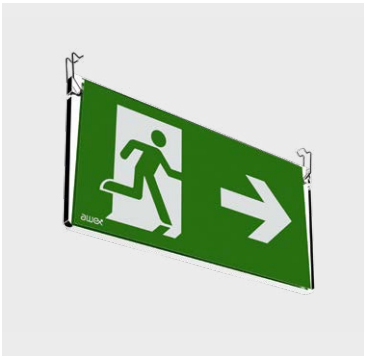
ACCESORY FOR PENDANT MOUNTING

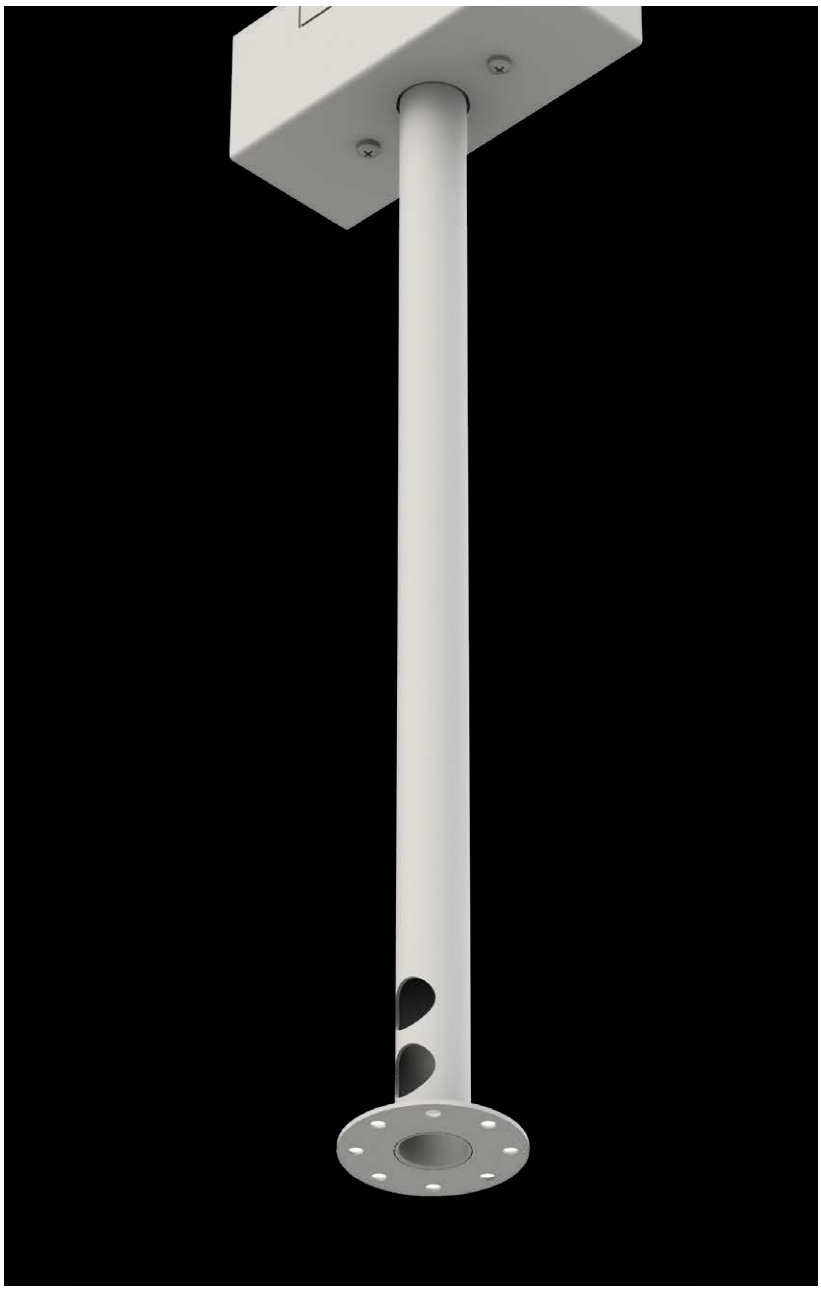
CODE: ETE/PEN2

DIMENSIONS [mm]



FITS TO EXIT S, M, L



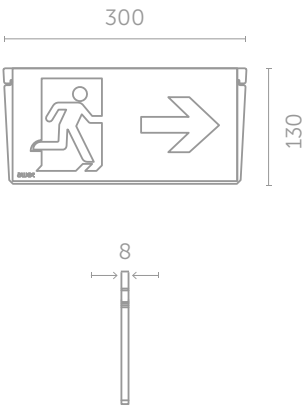


PLEXI GLASS (SET)

CODE: ETE/PLX

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

DIMENSIONS [mm]

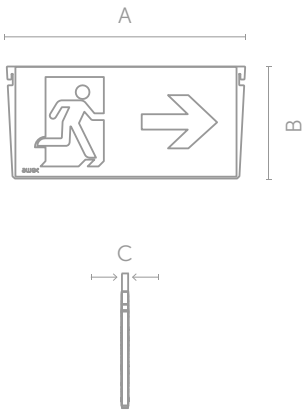


FITS TO EXIT M

PLEXI GLASS (SET)

CODE: ETS/PLX - EXIT S
ETL/PLX - EXIT L
* 1PC OF UNIVERSAL PICTOGRAM IS INCLUDED IN EACH SINGLE BOX

DIMENSIONS [mm]



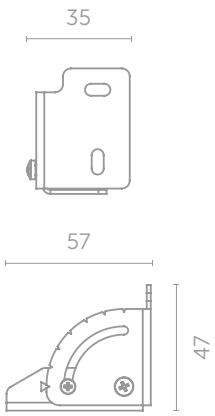
Dimensions:(AxBxC):
EXIT S: 224x107x6
EXIT L: 330x155x8

FITS TO EXIT S, L

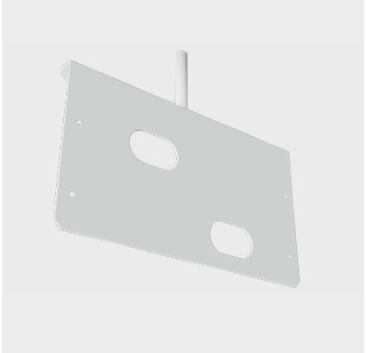
ADJUSTABLE HANDLE 0-90°

CODE: 3001

DIMENSIONS [mm]



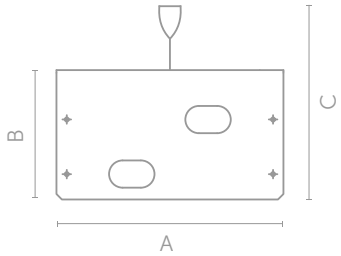
FITS TO EXIT M, L



CEILING BRACKET WITH PIPE

CODE: 2945 – EXIT S
2946 – EXIT M
2947 – EXIT L

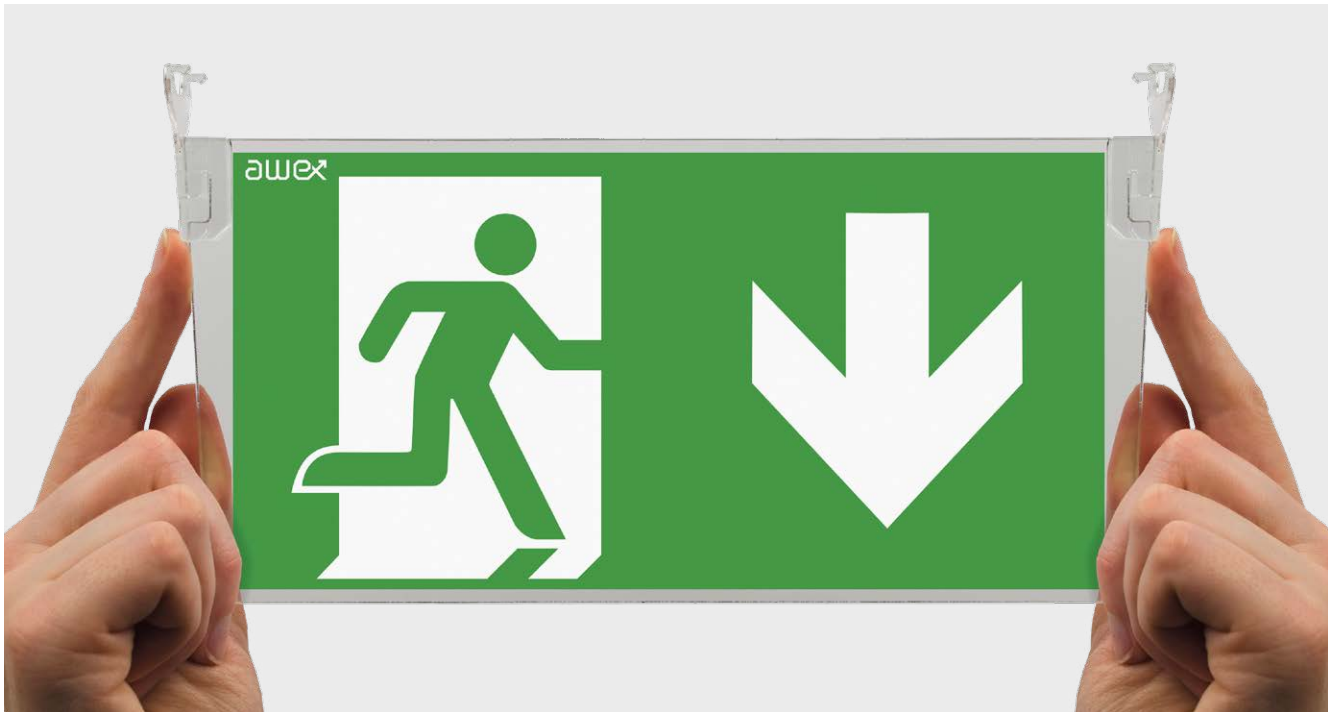
DIMENSIONS [mm]



Dimensions (mm): (AxBxC):
EXIT S: 202x121x428
EXIT M: 250x142x449
EXIT L: 300x172x479

FITS TO EXIT S, M, L

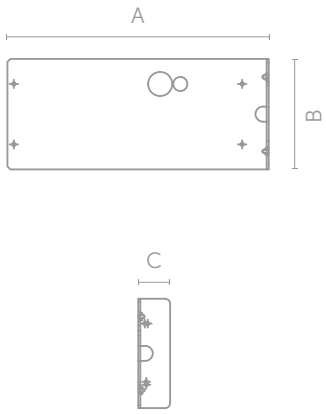
awex


awex

WALL BRACKET

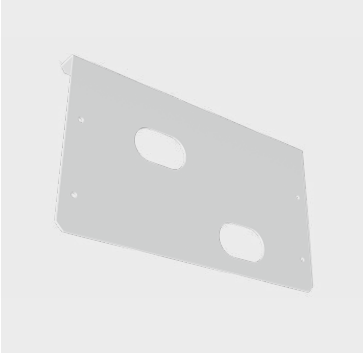
CODE: 1906 – EXIT S
1907 – EXIT M / EXIT M DS
1908 – EXIT L

DIMENSIONS [mm]



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

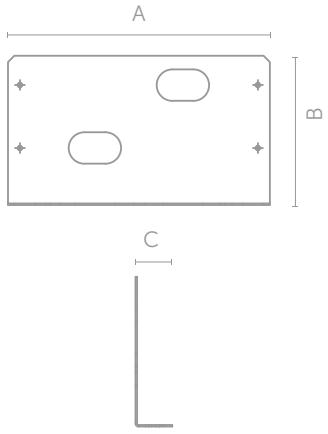
FITS TO EXIT S, M, L



CEILING BRACKET

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

DIMENSIONS [mm]



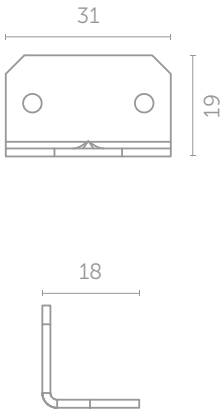
Dimensions (mm): (AxBxC):
EXIT S: 202x121x26
EXIT M: 250x142x33
EXIT L: 300x172x33

FITS TO EXIT S, M, L

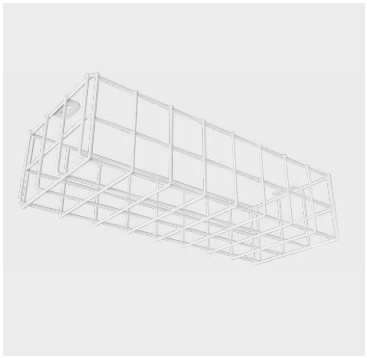
ACCESORY FOR ROPE SUSPENSION (SET)

CODE: ET/ALIN

DIMENSIONS [mm]



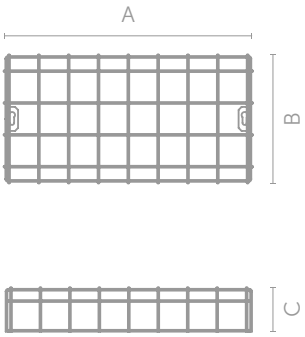
FITS TO EXIT M, L



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

IK family

IK

IK B p. 198

IK B p. 202

High ingress protection

IK2 W series is a special emergency or escape-sign luminaire for surface wall/ceiling mounting. 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. High ingress protection (IP65) and impact resistance (IK10) including a wide selection of versions make it an ideal choice for communication routes, tunnels, as well as public transport stations.

COLOURS

White	Grey	Black
RAL 9003	RAL 7045	RAL 9005

CLOSE UP

awex

IK B

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP65

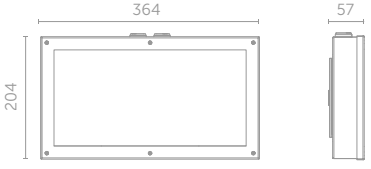
IK10

Ni-Cd

$LiFePO_4$

MATERIALS	White, grey or black stainless steel body • Transparent 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	6W LED ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
CHARGING	max. 12h; energy-saving electronic charger
AUTONOMY AND BATTERIES	1h or 3h, $LiFePO_4$ 6,4V batteries
INSULATION CLASS	I or III
IP & IK RATING	IP65, 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 • RD – DALI 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

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR		
PREMIUM	IKB	6W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]	
	POWER	IKB
PREMIUM	6W	850

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
IKB	6W	F	CB	CBS	X	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]	
POWER	IKB
6W	850

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
IKB	6W	Z	CB	ADE	ADP	WH	GR	BL

OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]	
POWER	IKB
6W	850

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR		
IKB	6W	FZLV	FZLV2	WH	GR	BL

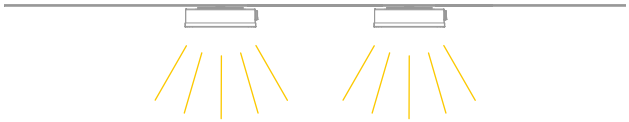
OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]	
POWER	IKB
6W	850

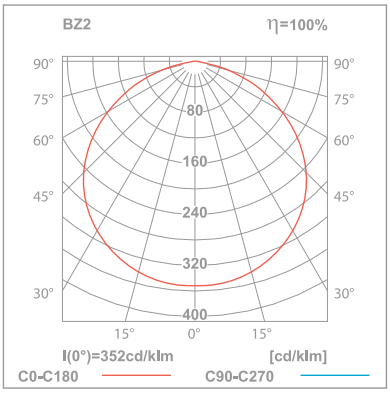
LEGEND:

IKB	fixture IK B
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
RD	DALI 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

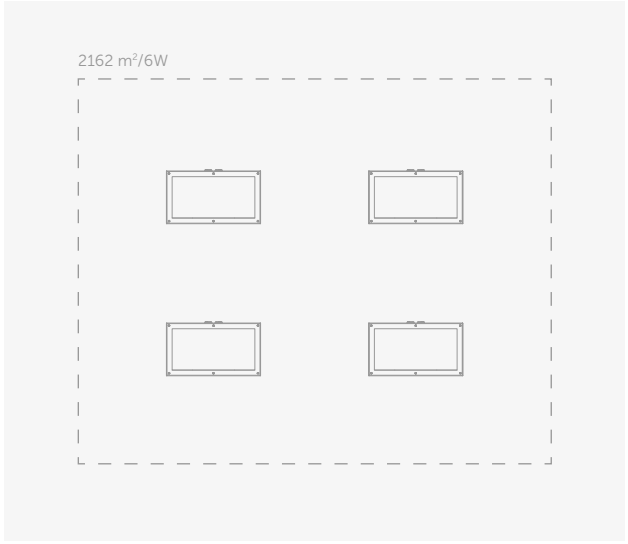
IK B EXAMPLE OF PHOTOMETRY



Optic for open area



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



IK B

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP65

IK10

MATERIALS	White, grey or black stainless steel body • Transparent 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	2W LED ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
CHARGING	max. 12h; energy-saving electronic charger
AUTONOMY AND BATTERIES	1h or 3h, $LiFePO_4$ 6,4V batteries
INSULATION CLASS	I or III
IP & IK RATING	IP65, IK10
VIEWING DISTANCE	30 m
VIEWING METHOD	Single 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 • RD – DALI 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] select 1pc of pictogram number from datasheet Pictograms

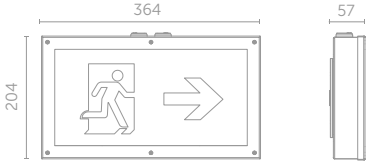
d=30m

Ni-Cd

$LiFePO_4$

DALI

DIMENSIONS [mm]



[2] pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS				COLOR			PICTOGRAM
PREMIUM	IKB	2W	B	1	3	SE	SA	PT	AT	RU	RD	WH	GR	BL	XX

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR			PICTOGRAM
IKB	2W	F	CB	CBS	X	WH	GR	BL	XX

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR			PICTOGRAM
IKB	2W	Z	CB	ADE	ADP	WH	GR	BL	XX

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR			PICTOGRAM
IKB	2W	FZLV	FZLV2	WH	GR	BL	XX

LEGEND:

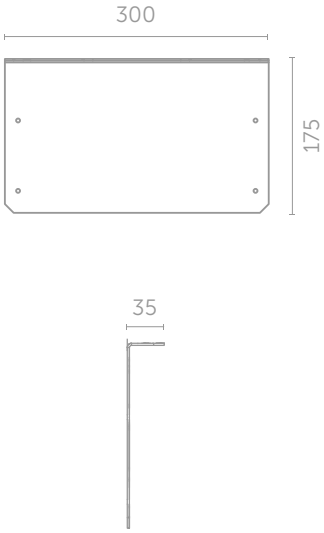
IKB	fixture IK B
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
RD	DALI 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
XX	pictograms ID (e.g. 21)

IK accessories

CEILING BRACKET

CODE: 2948/WH
2948/GR
2948/BL

DIMENSIONS [mm]

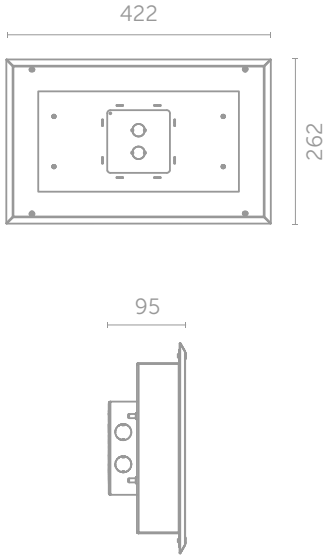


FITS TO IK B

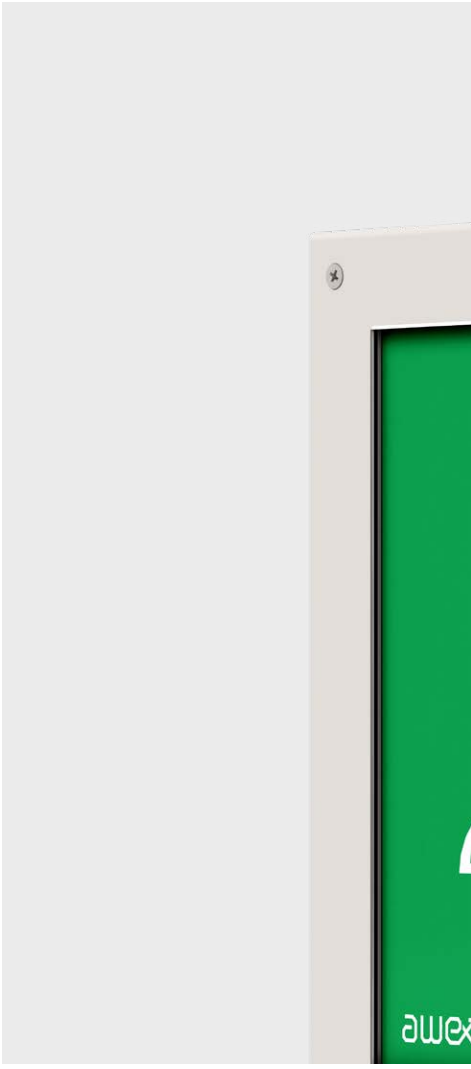
CONCRETE BOX

CODE: IKB/RWC/WH
IKB/RWC/GR
IKB/RWC/BL

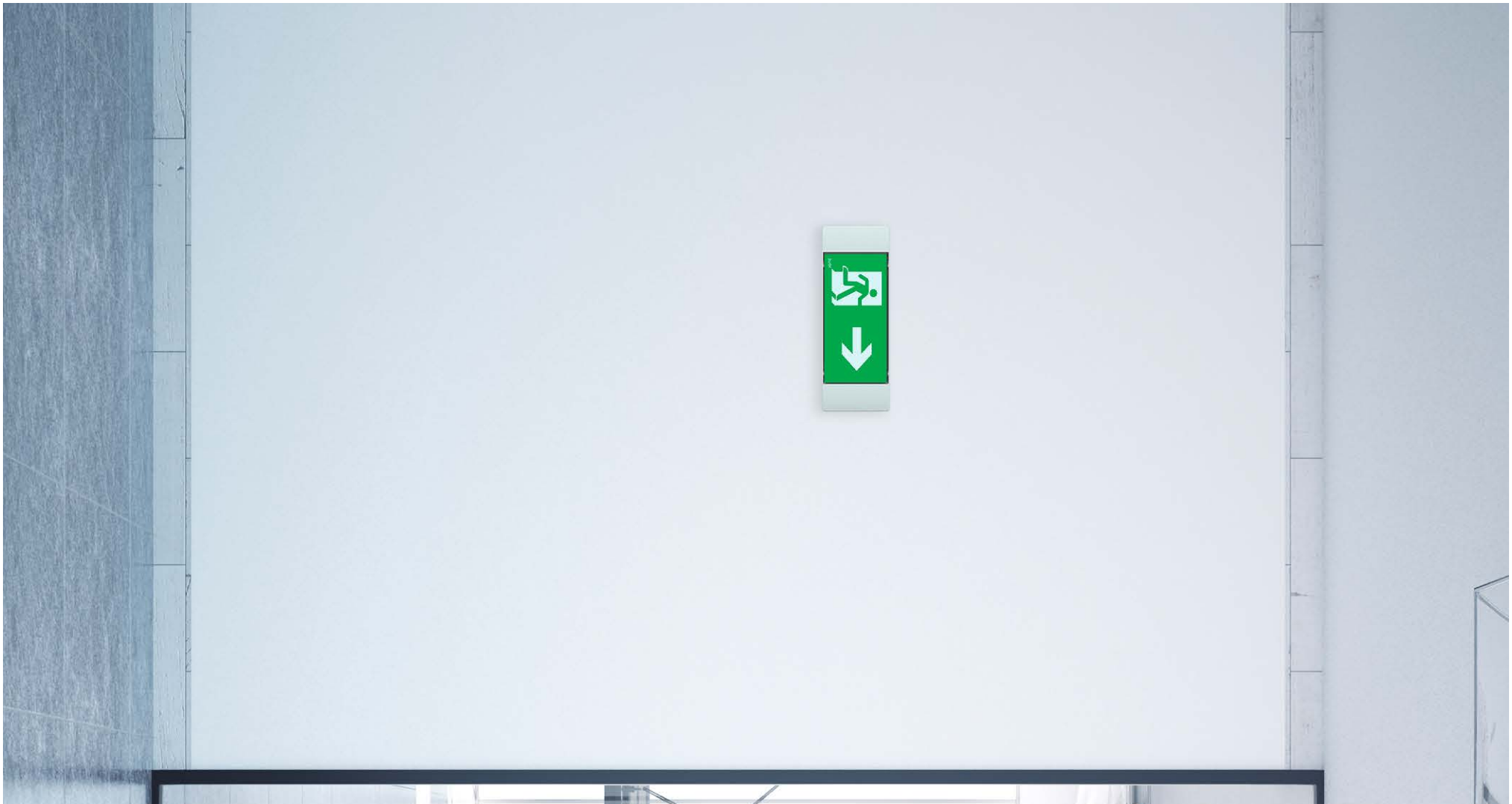
DIMENSIONS [mm]



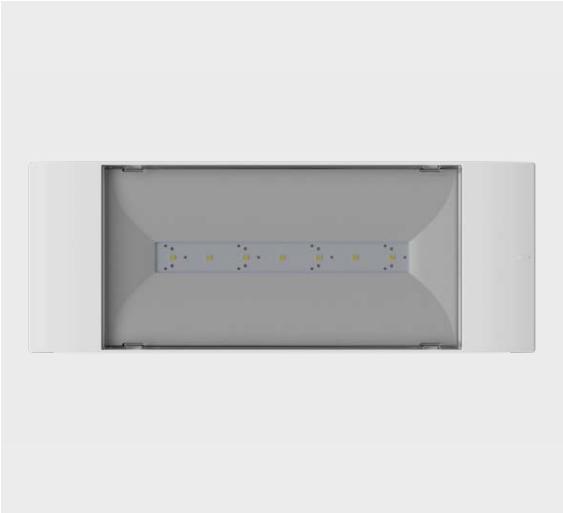
FITS TO IK B



WONDER family



WONDER



WONDER p. 210

WONDER p. 212

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.

CLOSE UP

COLOURS

White

RAL 9003

awex

WONDER

AC
220-240V
50-60Hz

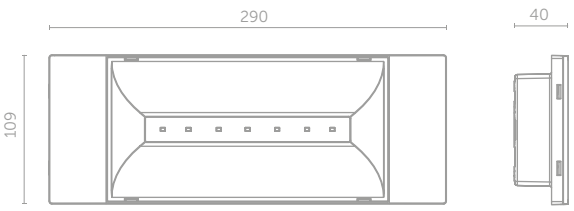
LED

IP20

IK08

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
CHARGING	max. 24h
AUTONOMY AND BATTERIES	1h or 3h, 3,6V batteries
INSULATION CLASS	II
IP & IK RATING	IP20, IK08
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
STANDARD	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

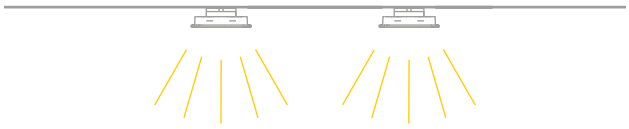
OUTPUT IN EMERGENCY MODE [lm]

	POWER	OUTPUT
STANDARD	1W	170
	2W	290
	3W	390

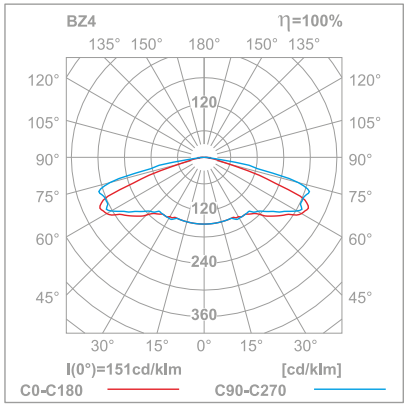
LEGEND:

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

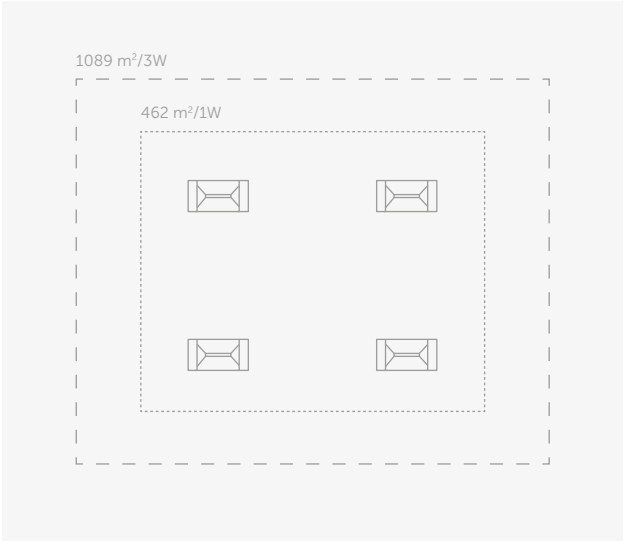
WONDER EXAMPLE OF PHOTOMETRY



Optic for open area



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



WONDER

AC
220-240V
50-60Hz

LED

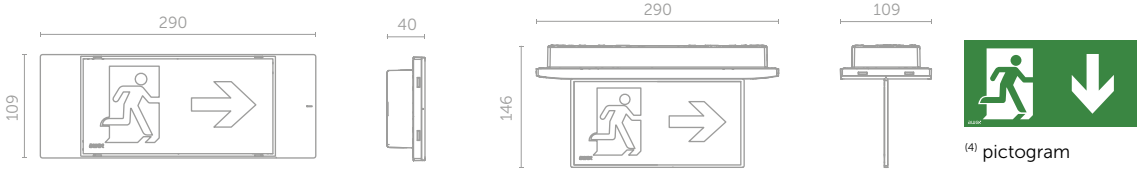
IP20

IK08

d=20m

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
CHARGING	max. 24h
AUTONOMY AND BATTERIES	1h or 3h, 3,6V batteries
INSULATION CLASS	II
IP & IK RATING	IP20, IK08
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	
STANDARD	WND 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:

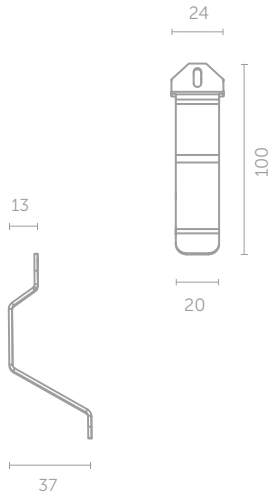
WND	fitting WONDER for double-sided plexi glass
WNDO	fitting WONDER with optic
C	electronic gear for STANDARD self-contained fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
WT	white body and transparent cover
WO	white body and opal cover

WONDER accessories

ACCESSORY FOR RECESSED MOUNTING (SET)

CODE: WND/REC

DIMENSIONS [mm]

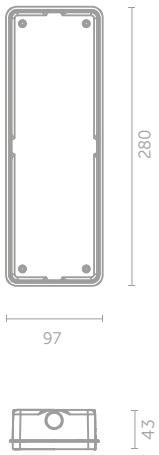


FITS TO WONDER (WND, WNDO)

CONCRETE BOX

CODE: WND/RWC

DIMENSIONS [mm]



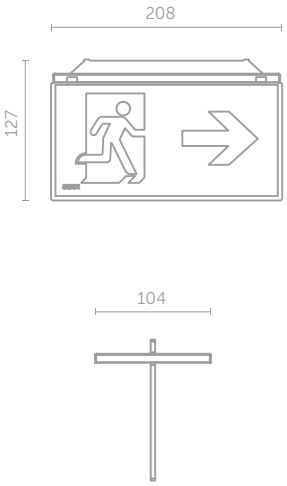
FITS TO WONDER (WND, WNDO)

PLEXI GLASS (SET)

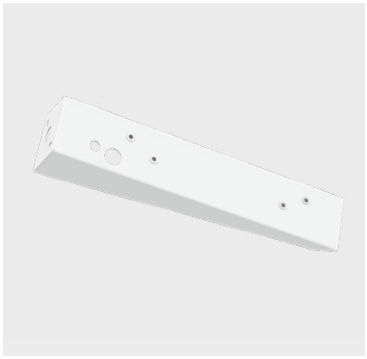
CODE: WND/PLX

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

DIMENSIONS [mm]



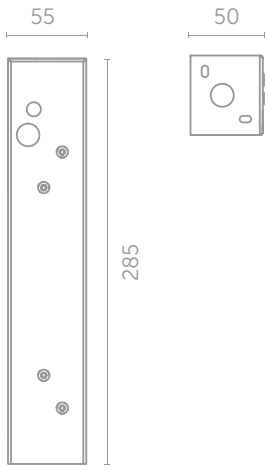
FITS TO WONDER (WND)



WALL BRACKET

CODE: 1909

DIMENSIONS [mm]



FITS TO WONDER (WND)

ARROW family

ARROW

ARROW N p. 220

ARROW N p. 224

ARROW P p. 226

ARROW P p. 230

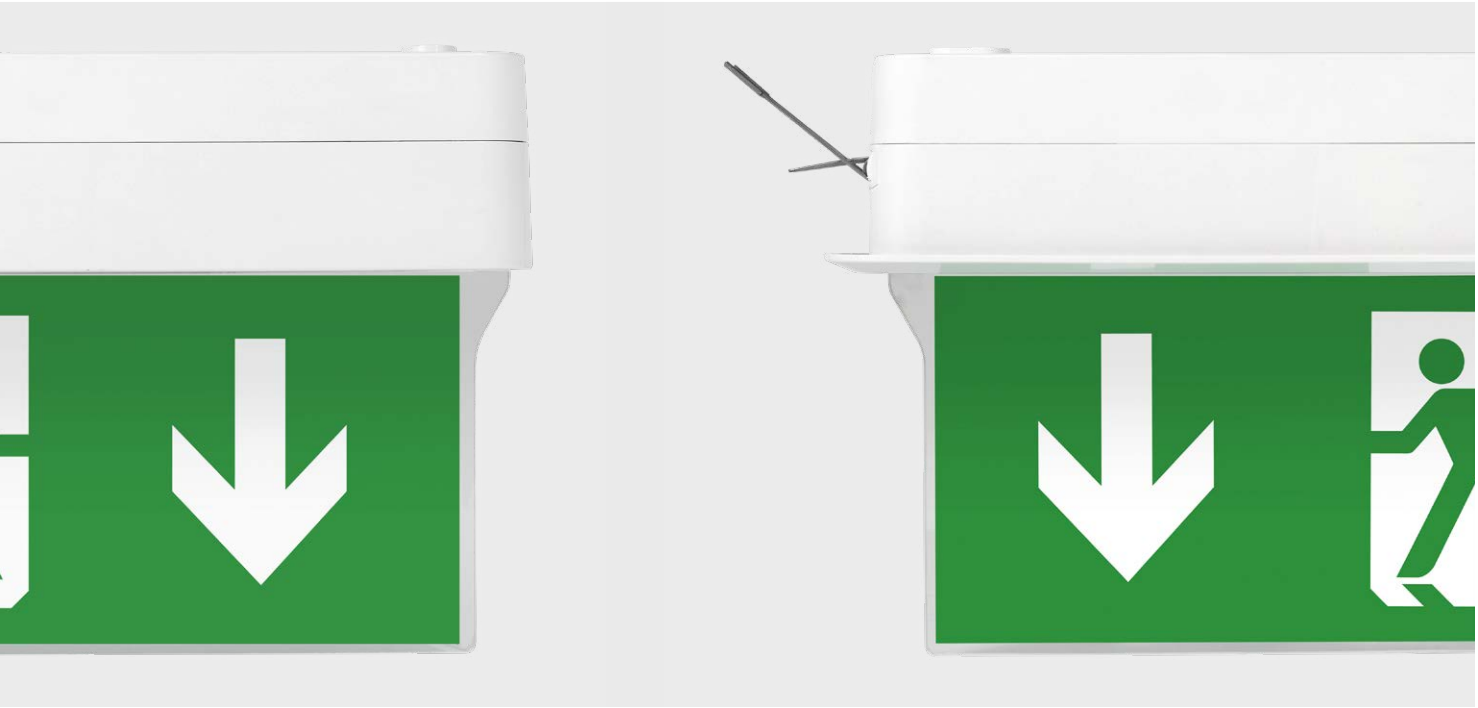
COLOURS

White	Grey	Black
RAL 9003	RAL 7045	RAL 9005

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

IK08

Ni-Cd

$LiFePO_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP40, IK08
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 • RD – DALI 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	X		WH	GR	BL
		2W	E C	1		SE	SA	PT	AT	X		WH	GR	BL
	ARNO ARNC	3x1W	E C	1		SE	SA	PT	AT	X		WH	GR	BL
PREMIUM	ARNS	1W	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL
		3W	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL
	ARNO ARNC	3x1W	B	1	3	SE	SA	AT	RU	RW	RD	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
	3W	365	X	X
	3x1W	X	395	395

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	395	395

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	395	395

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

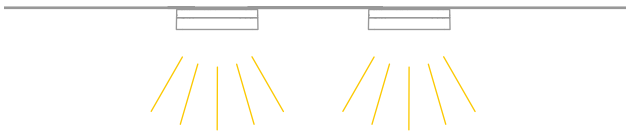
OUTPUT IN EMERGENCY MODE [lm]

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

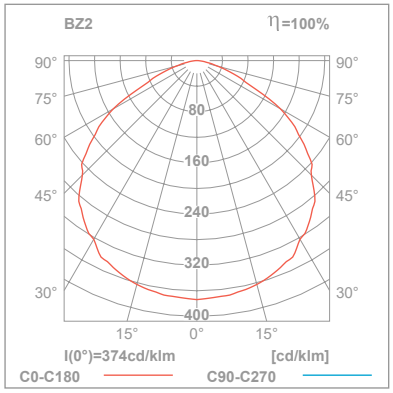
LEGEND:

ARNS	fixture ARROW N without optics
ARNO	fixture ARROW N with optics for open area
ARNC	fixture ARROW N with optics for escape route
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
RD	DALI 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

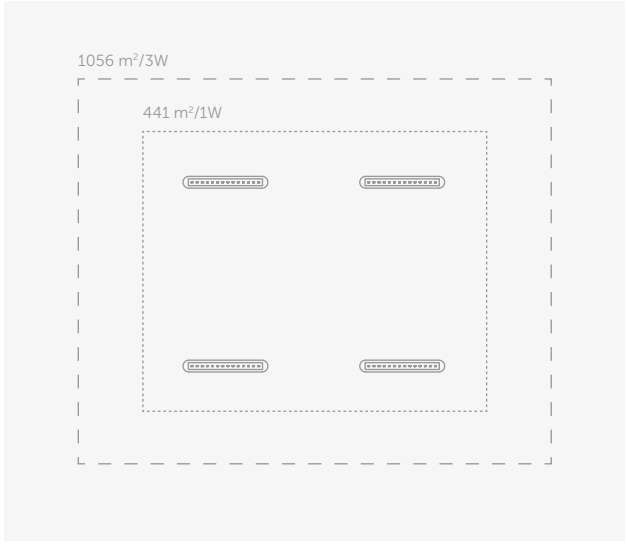
ARROW N EXAMPLE OF PHOTOMETRY



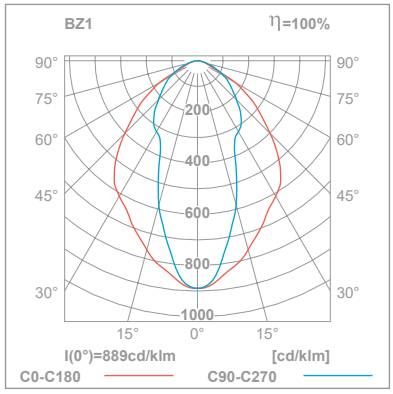
Optic O for open area



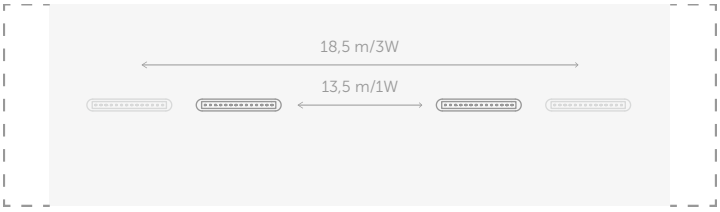
simulation for four luminaires and min 0,5 lx (area)



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

IK08

d=25m

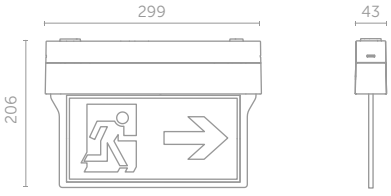
Ni-Cd

$LiFePO_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP40, IK08
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 • RD – DALI 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		SE	SA	PT	AT	X		WH	GR	BL
PREMIUM	ARN	1W	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RW	RD	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
RD	DALI 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

IK08

Ni-Cd

$LiFePO_4$

KM 618355
BS-EN 60598-2-22

DALI

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP40, IK08
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 • RD – DALI 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	X	WH	GR	BL
		2W	E C	1		SE	SA	PT	AT	X	WH	GR	BL
	ARPO ARPC	3x1W	E C	1		SE	SA	PT	AT	X	WH	GR	BL
PREMIUM	ARPS	1W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL
		3W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL
	ARPO ARPC	3x1W	B	1	3	SE	SA	AT	RU	RD	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
	3W	365	X	X
	3x1W	X	395	395

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	395	395

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	395	395

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

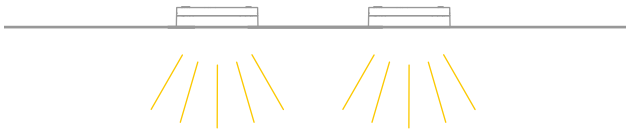
OUTPUT IN EMERGENCY MODE [lm]

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

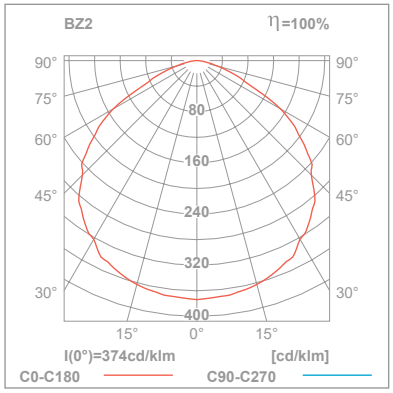
LEGEND:

ARPS	fixture ARROW P without optics
ARPO	fixture ARROW P with optics for open area
ARPC	fixture ARROW P with optics for escape route
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
RD	DALI 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

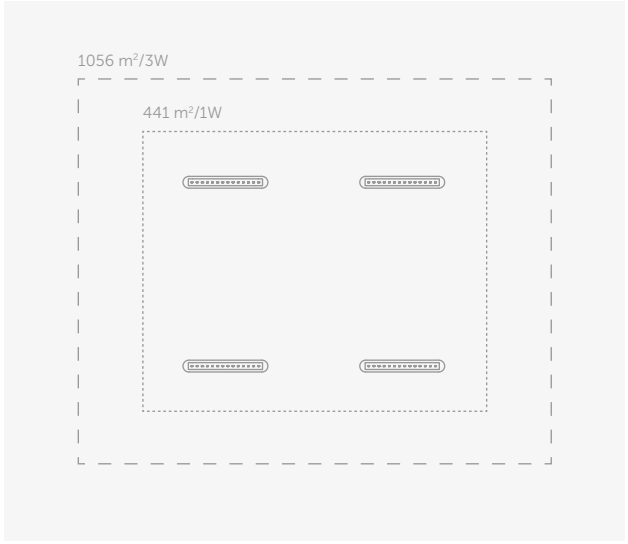
ARROW P EXAMPLE OF PHOTOMETRY



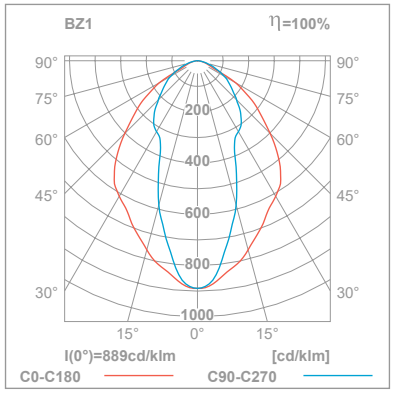
Optic O for open area



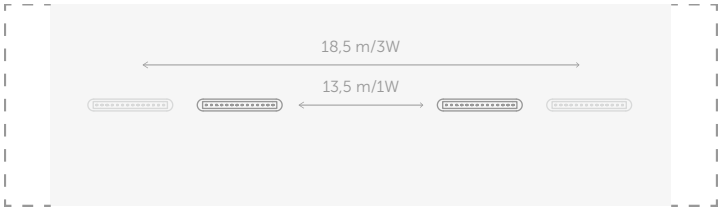
simulation for four luminaires and min 0,5 lx (area)



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

IK08

d=25m

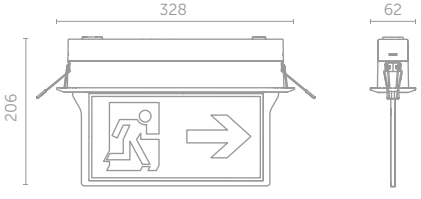
Ni-Cd

LiFePO$_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP40, IK08
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 • RD – DALI 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		SE	SA	PT	AT	X	WH	GR	BL
PREMIUM	ARP	1W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RD	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:

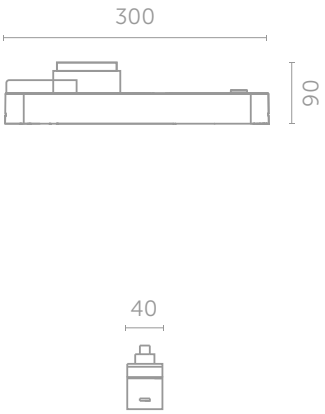
ARP	fixture ARROW P
E, C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
RD	DALI 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

awex

TIGER LED family

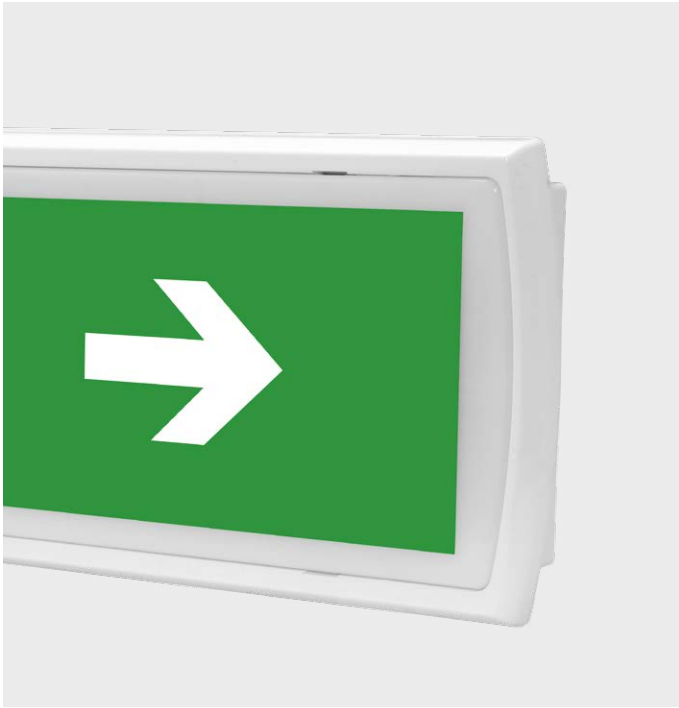
TIGER LED

TIGER LED p. 238

TIGER LED p. 242

TIGER DS LED p. 244

CLOSE UP



COLOURS

White

RAL 9003

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 stuff communication routes, stuff toilets and back door rooms.

TIGER LED

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP22

IK08

Ni-Cd

$LiFePO_4$

KM 618355
BS-EN 60598-2-22

DALI

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP22, IK08
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 • RD – DALI 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	RD	TR
		2W	B	1	3	SE	SA	AT	RU	RW	RD	TR
		3W	B	1	3	SE	SA	AT	RU	RW	RD	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

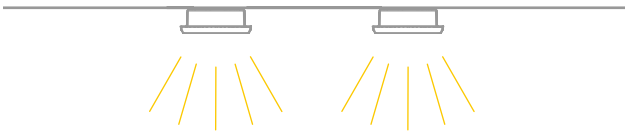
OUTPUT IN EMERGENCY MODE [lm]

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

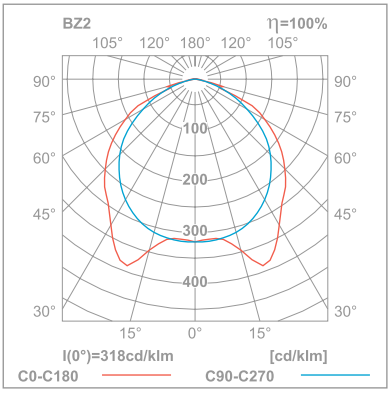
LEGEND:

TL	fixture TIGER LED
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
RD	DALI 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

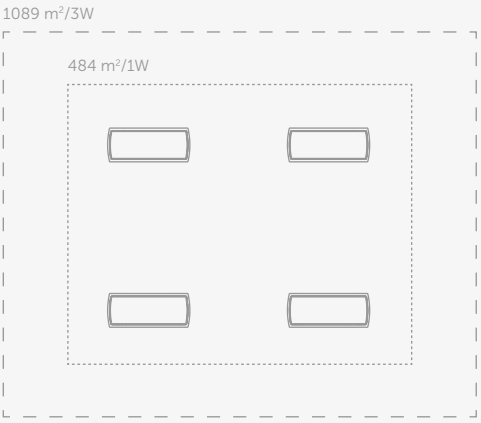
TIGER LED EXAMPLE OF PHOTOMETRY



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

IK08

d=20m

Ni-Cd

$LiFePO_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP22, IK08
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 • RD – DALI 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	SE	SA	PT	AT	X		OP
		2W	E C	1	3	SE	SA	PT	AT	X		OP
PREMIUM	TL	1W	B	1	3	SE	SA	AT	RU	RW	RD	OP
		2W	B	1	3	SE	SA	AT	RU	RW	RD	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
RD	DALI 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

IK08

d=20m

Ni-Cd

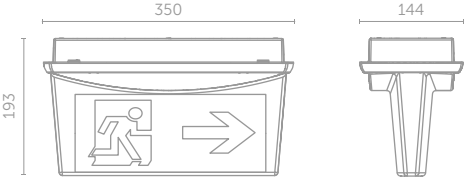
$LiFePO_4$

KM 618355
BS-EN 60598-2-22

DALI

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP22, IK08
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 • RD – DALI 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	RD	OP
		2W	B	1	3	SE	SA	AT	RU	RW	RD	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

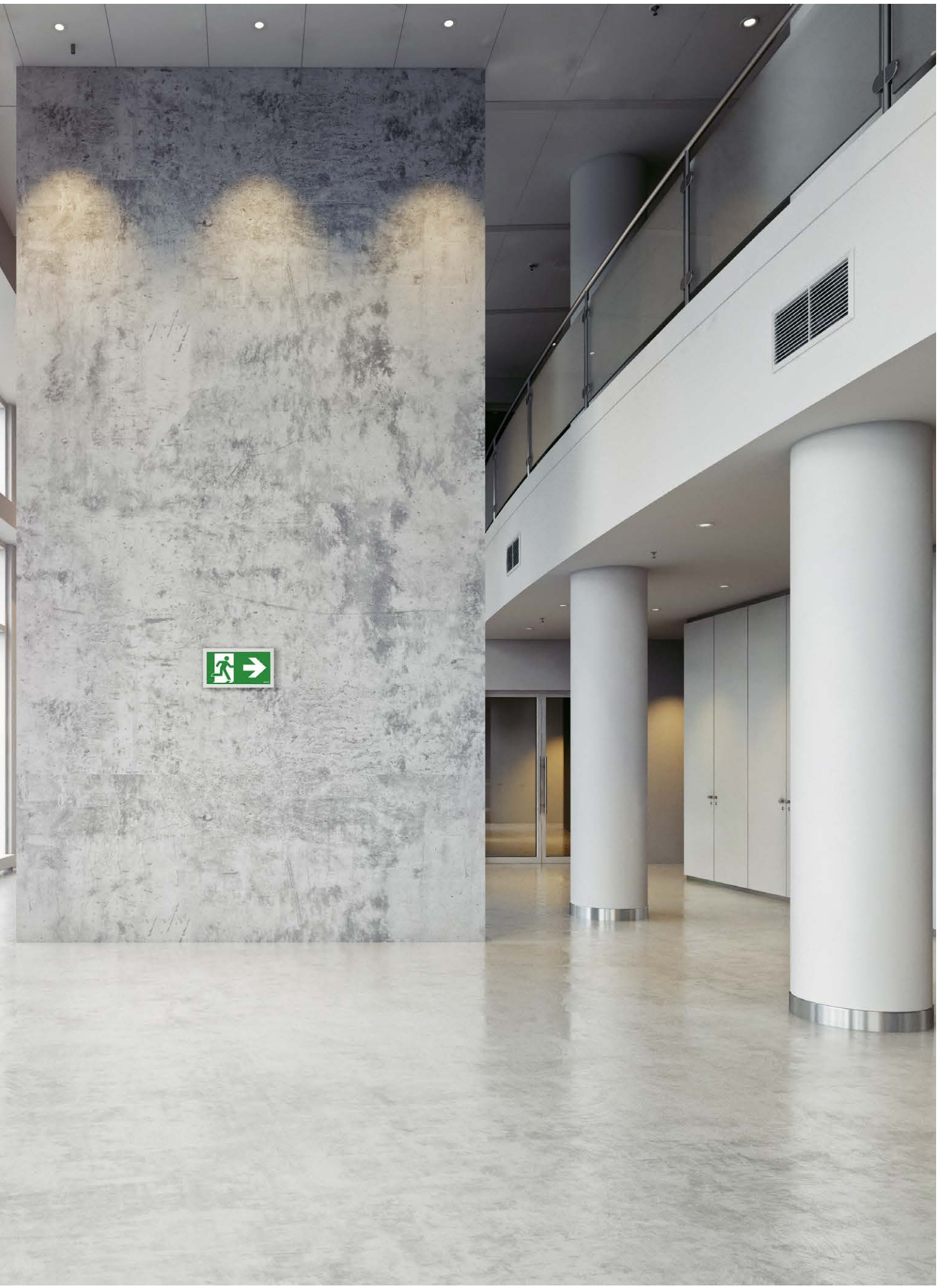
FZLV SYSTEM CONFIGURATION

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

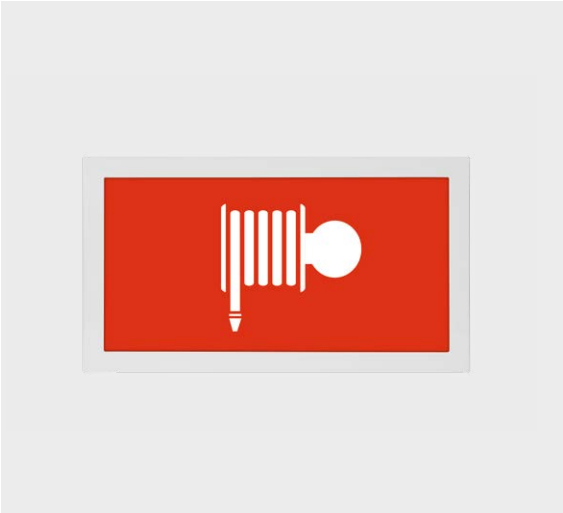
LEGEND:

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
RD	DALI 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



INFINITY II p. 250

INFINITY II B p. 254

INFINITY II AC p. 258

INFINITY II AW p. 262

INFINITY II AL p. 266

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

White	Grey	Black
RAL 9003	RAL 7045	RAL 9005

CLOSE UP

INFINITY II

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP40

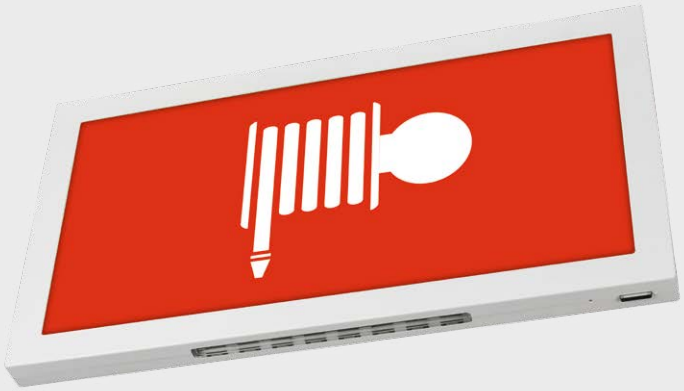
IK08

d=30m

Ni-Cd

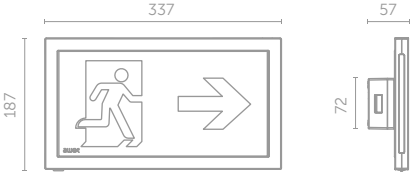
LiFePO$_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP40, IK08
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 • RD – DALI 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	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	RD	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

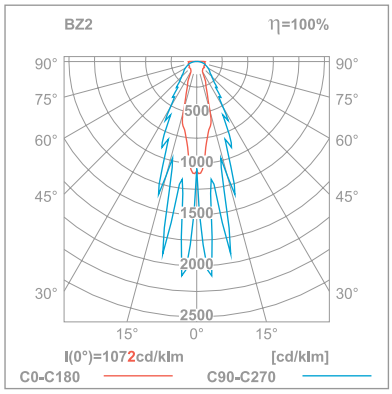
INFINITY II AL

LEGEND:

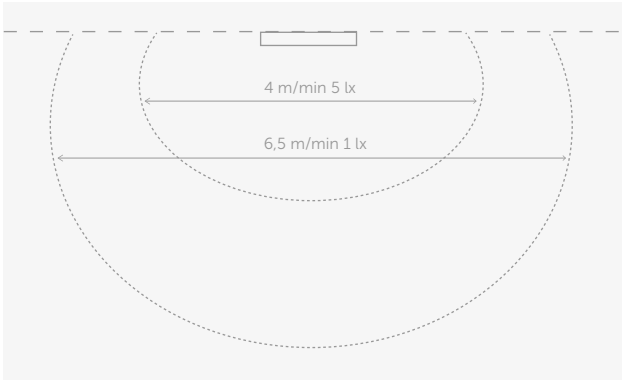
IF2BWD	fixture INFINITY II B one side with floor illumination
IF2AWD	fixture INFINITY II AW two side with floor illumination
IF2ACD	fixture INFINITY II AC two side with floor illumination
IF2ALD	fixture INFINITY II AL two side with floor illumination
C	electronic gear for STANDARD self-contained fittings
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
RD	DALI 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

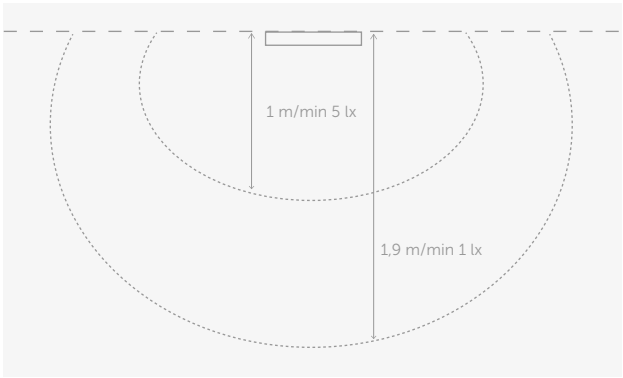
INFINITY II EXAMPLE OF PHOTOMETRY

Optic for open area



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





awex

INFINITY II B

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP40

IK08

d=30m

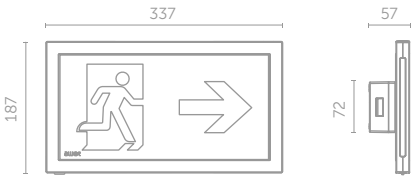
Ni-Cd

$LiFePO_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP40, IK08
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 • RD – DALI 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	C	1	3	SE	SA	PT	AT	X		WH	GR	BL
		2W	C	1	3	SE	SA	PT	AT	X		WH	GR	BL
PREMIUM	IF2BWS	1W	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RW	RD	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

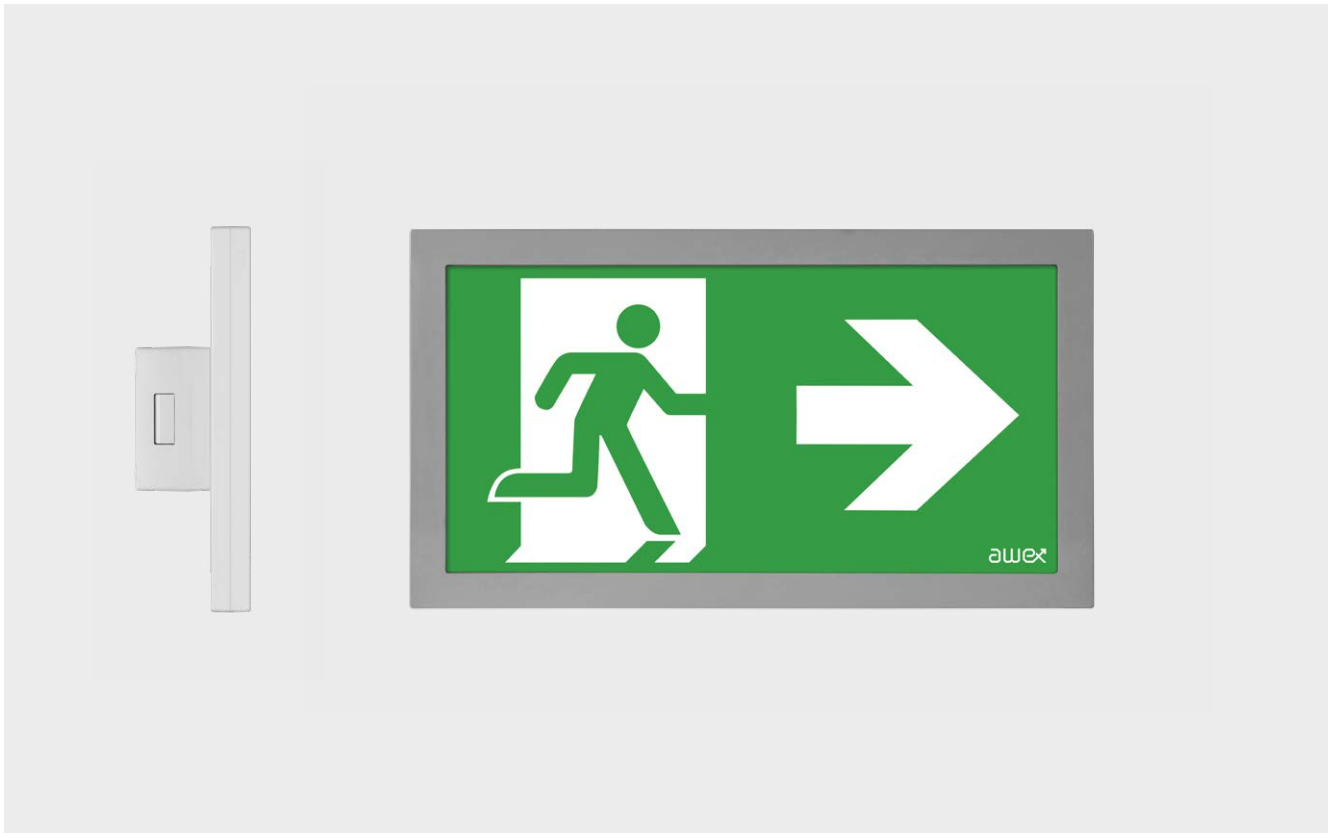
CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
IF2BWS	1W	Z	CB	ADE	ADP	WH	GR	BL
	2W	Z	CB	ADE	ADP	WH	GR	BL

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
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
RD	DALI 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

IK08

d=30m

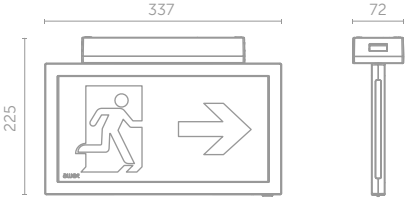
Ni-Cd

$LiFePO_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP40, IK08
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 • RD – DALI 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	C	1	3	SE	SA	PT	AT	X		WH	GR	BL
		2W	C	1	3	SE	SA	PT	AT	X		WH	GR	BL
PREMIUM	IF2ACS	1W	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RW	RD	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
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
RD	DALI 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

IK08

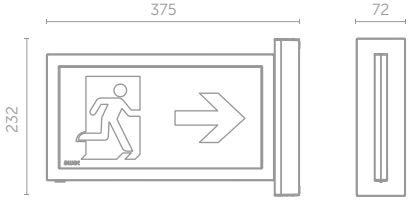
d=30m

Ni-Cd

$LiFePO_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP40, IK08
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 • RD – DALI 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

KM 618355
BS-EN 60598-2-22

DALI

SELF-CONTAINED CONFIGURATION

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

101
102

INFINITY II AL

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP40

IK08

d=30m

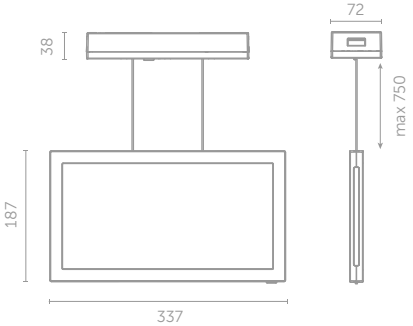
Ni-Cd

$LiFePO_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP40, IK08
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 • RD – DALI 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	C	1	3	SE	SA	PT	AT	X		WH	GR	BL
		2W	C	1	3	SE	SA	PT	AT	X		WH	GR	BL
PREMIUM	IF2ALS	1W	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL
		2W	B	1	3	SE	SA	AT	RU	RW	RD	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

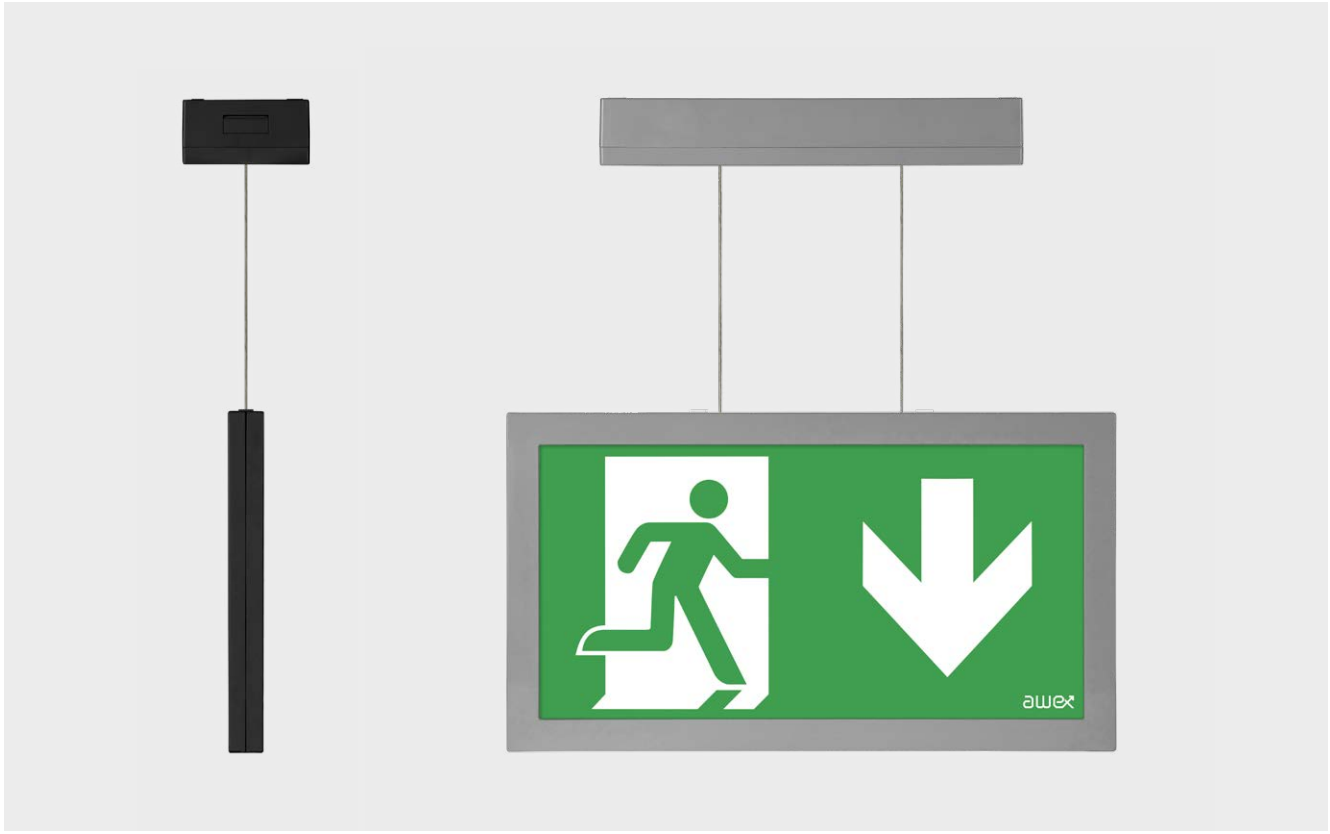
CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
IF2ALS	1W	Z	CB	ADE	ADP	WH	GR	BL
	2W	Z	CB	ADE	ADP	WH	GR	BL

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
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
RD	DALI 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

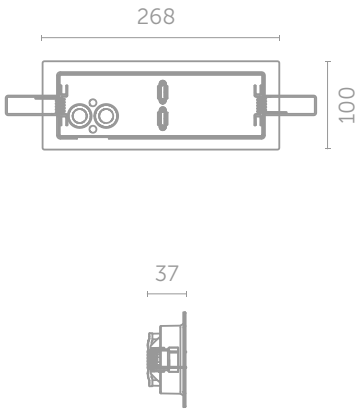


INIFINITY II accessories

ACCESORY FOR RECESSED MOUNTING

CODE: IF2/REC/WH
IF2/REC/GR
IF2/REC/BL

DIMENSIONS [mm]



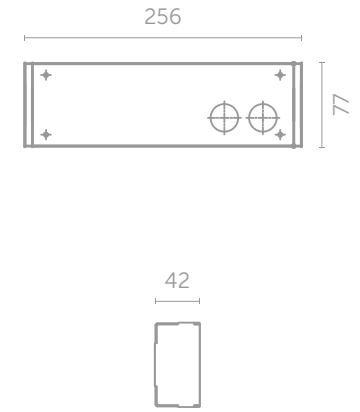
FITS TO INFINITY B, AC, AL, AW

CONCRETE BOX

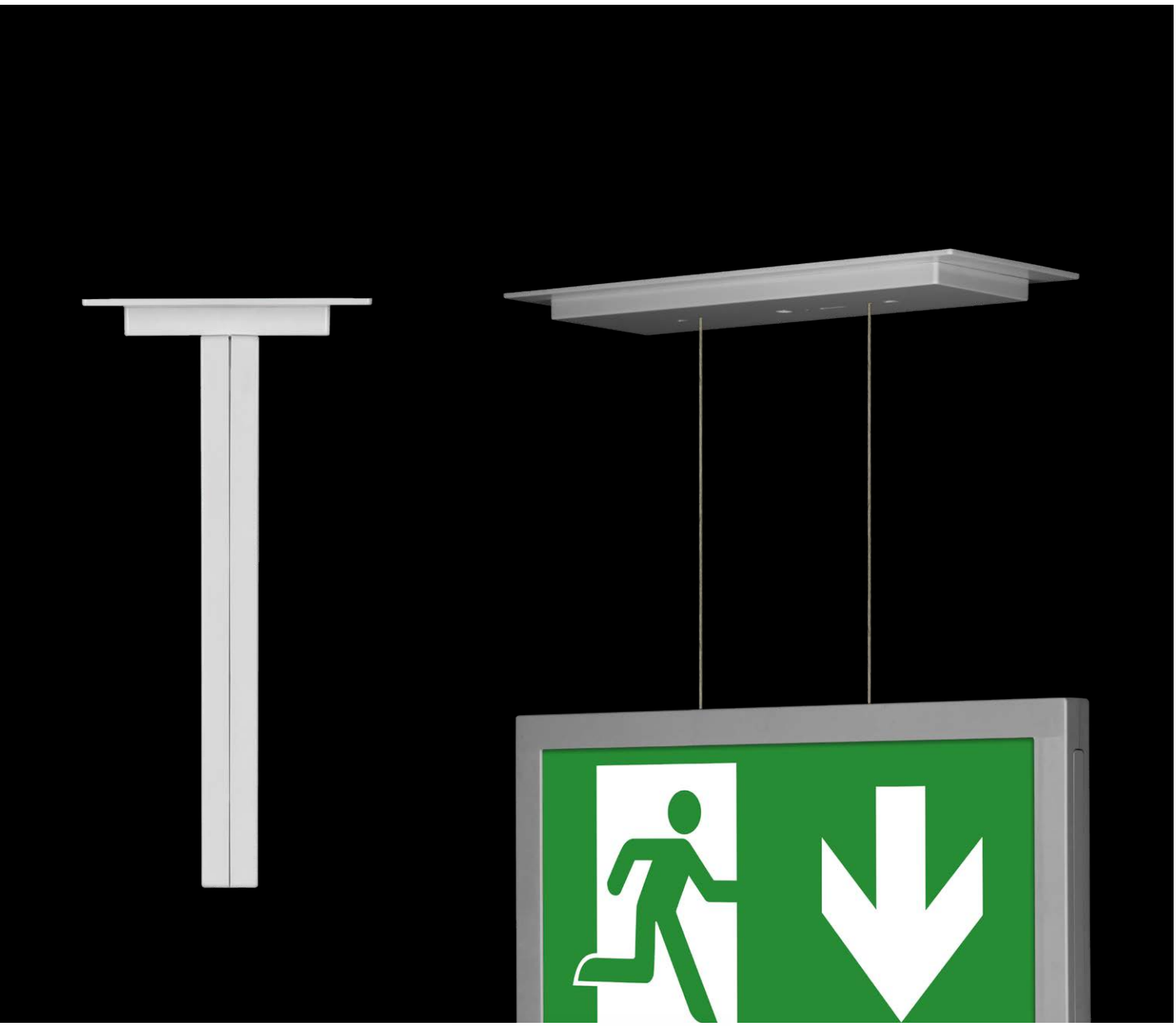
CODE: IF2/RWC

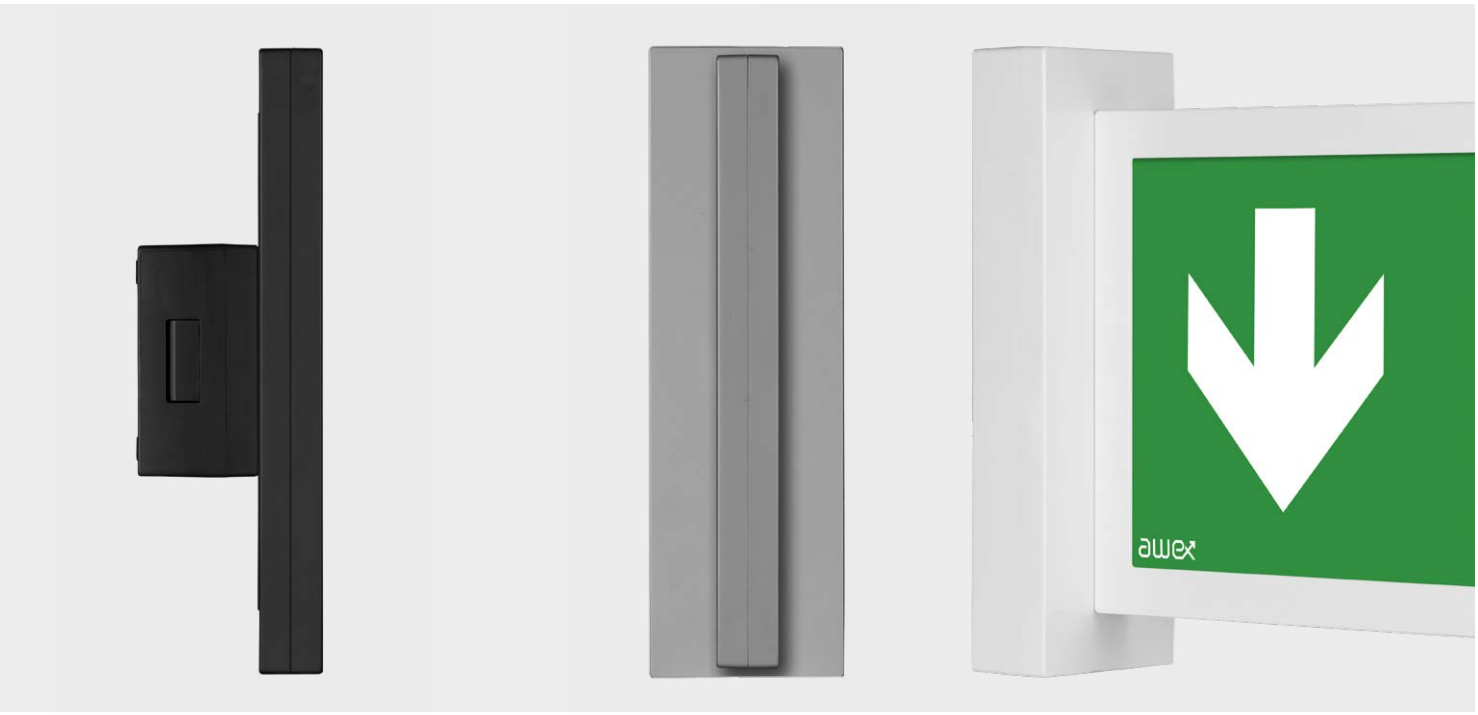
* REQUIRES AN ACCESSORY FOR RECESSED MOUNTING (IF2/REC)

DIMENSIONS [mm]



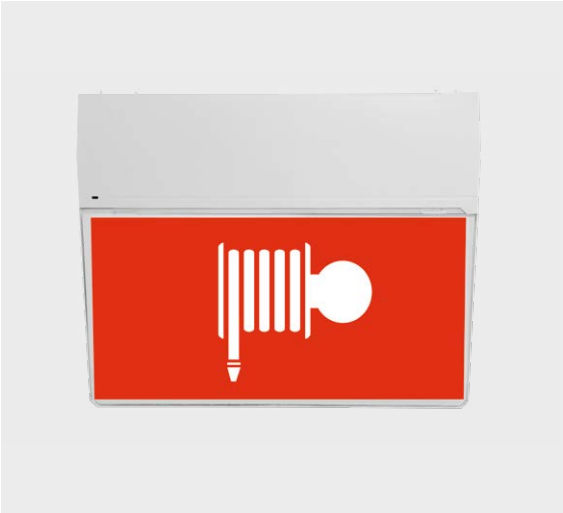
FITS TO INFINITY B, AW




awex

SK-8 family

SK-8



SK-8 p. 274

SK-8 p. 276

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.

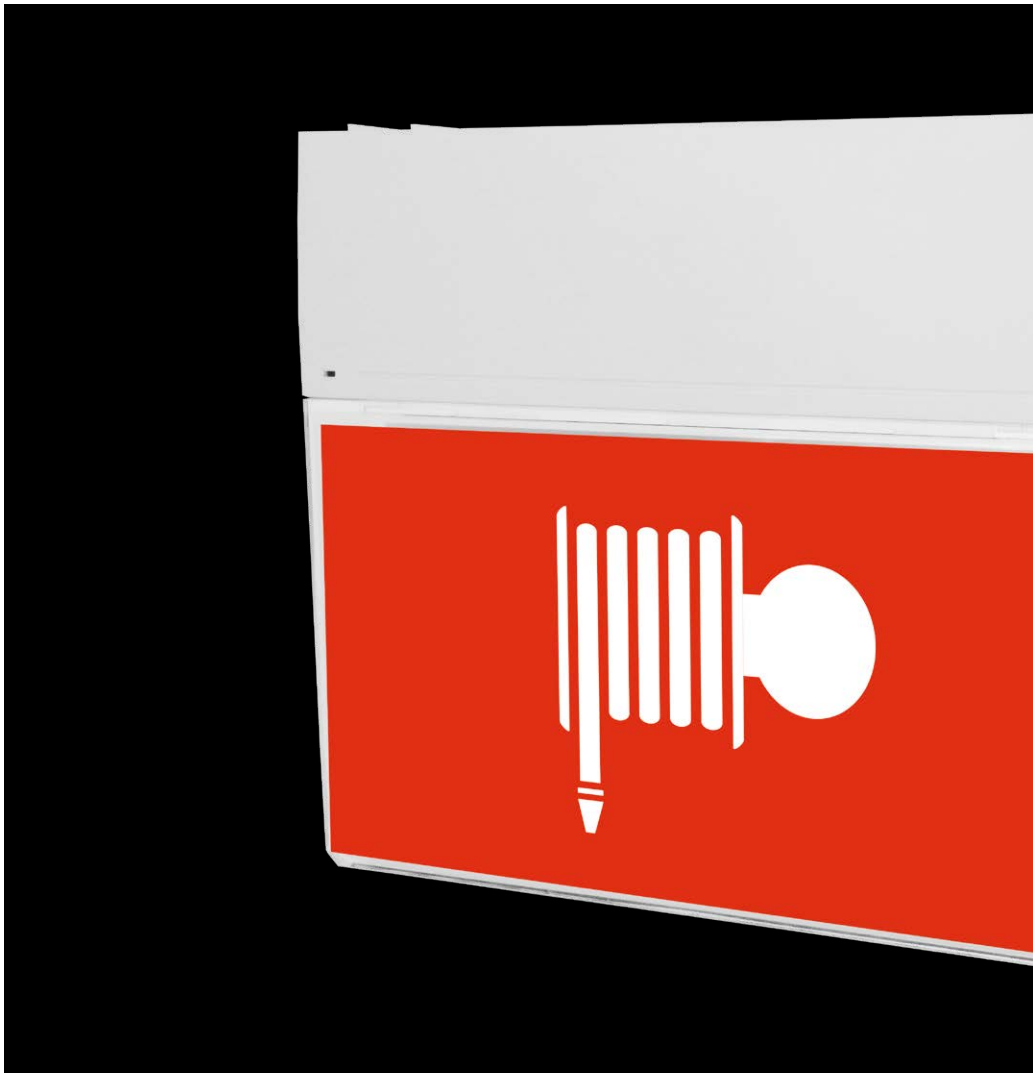
COLOURS

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

IK08

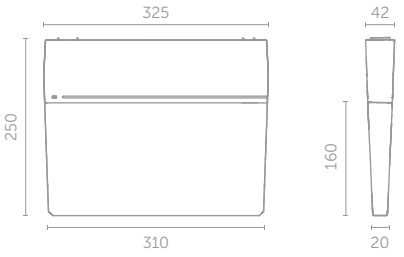
Ni-Cd

$LiFePO_4$

KM 618355
BS-EN 60598-2-22

MATERIALS	White polycarbonate body • Transparent 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	3W LED ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP44, IK08
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 • RD – DALI 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 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	RD	WT

OUTPUT IN EMERGENCY MODE [lm]

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

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

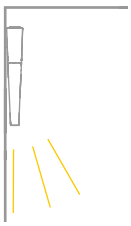
OUTPUT IN EMERGENCY MODE [lm]

OUTPUT [lm]	
POWER	
3W	190

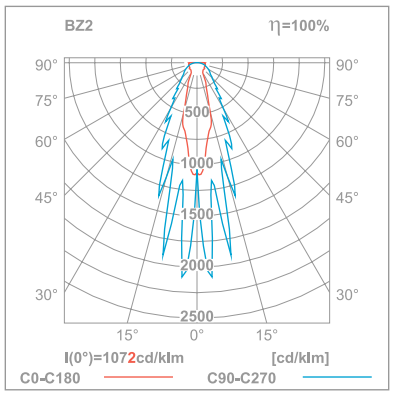
LEGEND:

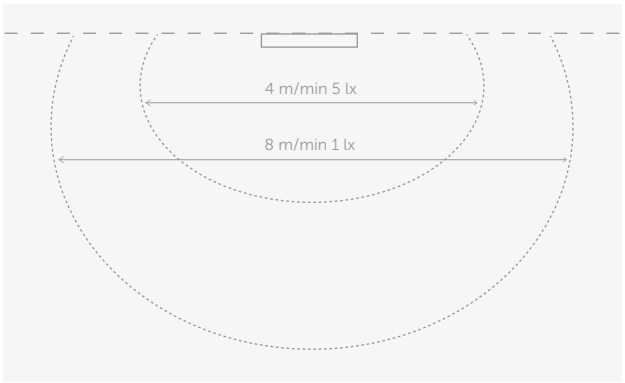
SK8	fixture SK-8
E, C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
RW	Rubic UNA Wireless central monitoring
RD	DALI 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

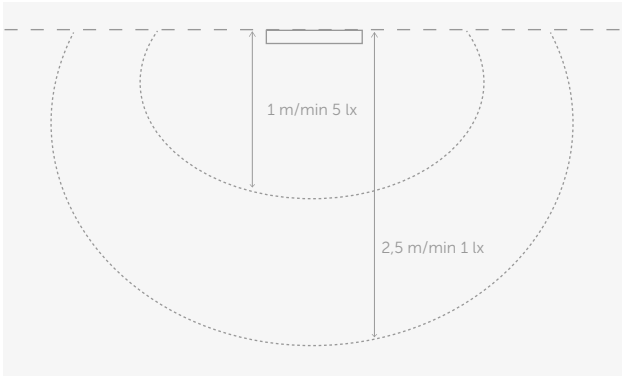
SK-8 EXAMPLE OF PHOTOMETRY



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

IK08

d=30m

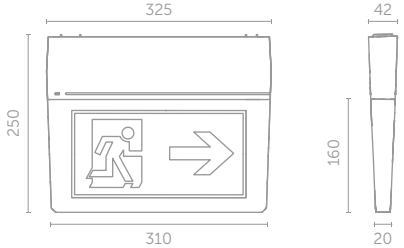
Ni-Cd

LiFePO$_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	IP44, IK08
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 • RD – DALI 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	RD	WL
		2W	B	1	3	SE	SA	AT	RU	RW	RD	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:

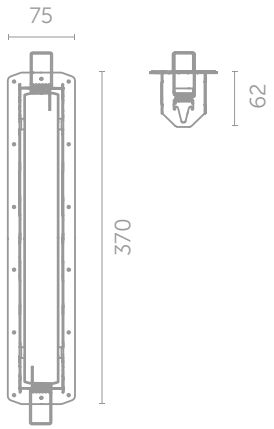
SK8	fixture SK-8
E, C	electronic gear for STANDARD self-contained fittings
B	electronic gear for PREMIUM self-contained fittings
F	electronic gear for central battery fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
RW	Rubic UNA Wireless central monitoring
RD	DALI 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

ACCESORY FOR RECESSED MOUNTING

CODE: SK8/REC

DIMENSIONS [mm]



FITS TO SK-8

awex

ESCAPE ALU family

ESCAPE ALU

ESCAPE ALU B p. 284

ESCAPE ALU AC p. 286

ESCAPE ALU AL p. 288

ESCAPE ALU AR p. 290

ESCAPE ALU AW p. 292

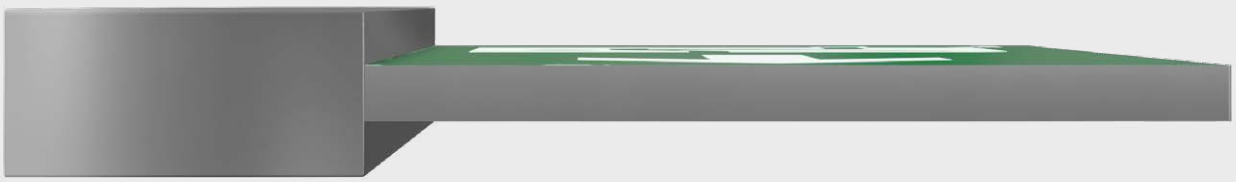
High end design

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 highquality 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.

COLOURS

White aluminum	Silver aluminum	Black aluminum
RAL 9016	RAL 7047	RAL 9017

CLOSE UP



ESCAPE ALU B

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

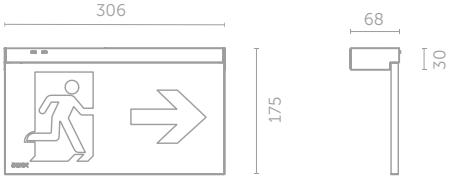
IP20

IK08

d=30m

LiFePO$_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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, IK08
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 • [1] select 1pc of pictogram number from datasheet Pictograms
DIMENSIONS [mm]	



[1] pictogram

SELF-CONTAINED CONFIGURATION

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

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

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

FZLV SYSTEM CONFIGURATION

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

LEGEND:

ESB	fixture ESCAPE ALU B
B	electronic gear for PREMIUM self-contained 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
CB	central battery version
ADE	address module for CBS 2.0 – SMART technology
ADP	address module for CBS 1.0 – SMART technology
FZLV2	central battery FZLV II 48 VDC
FZLV	central battery FZLV 24VDC
WH	white color
SR	silver color
BL	black color
XX	pictograms ID (e.g. 21)

ESCAPE ALU AC

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP20

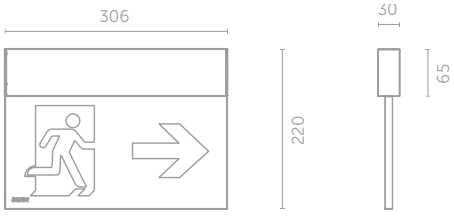
IK08

d=30m

LiFePO$_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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, IK08
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] select 2pc of pictogram number from datasheet Pictograms

DIMENSIONS [mm]



[2] pictogram

SELF-CONTAINED CONFIGURATION

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

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

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

FZLV SYSTEM CONFIGURATION

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

LEGEND:

ESAC	fixture ESCAPE ALU AC
B	electronic gear for PREMIUM self-contained 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
CB	central battery version
ADE	address module for CBS 2.0 – SMART technology
ADP	address module for CBS 1.0 – SMART technology
FZLV2	central battery FZLV II 48 VDC
FZLV	central battery FZLV 24VDC
WH	white color
SR	silver color
BL	black color
XX	pictogram from the front side ID (e.g. 21)
YY	pictogram on the back side ID (e.g. 22)

ESCAPE ALU AL

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP20

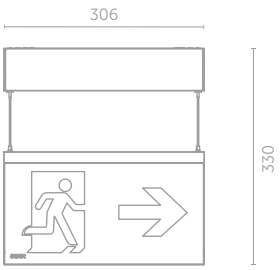
IK08

d=30m

LiFePO$_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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, IK08
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] select 2pc of pictogram number from datasheet Pictograms

DIMENSIONS [mm]



[2] pictogram

SELF-CONTAINED CONFIGURATION

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

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

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

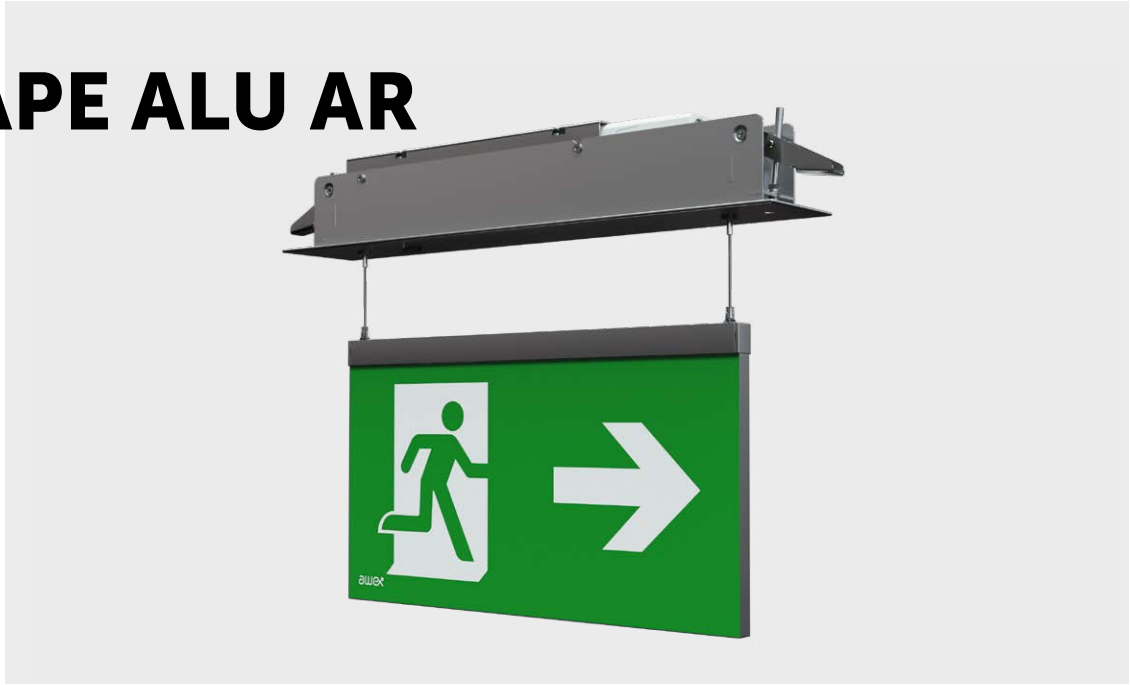
FZLV SYSTEM CONFIGURATION

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

LEGEND:

ESAL	fixture ESCAPE ALU AL
B	electronic gear for PREMIUM self-contained 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
CB	central battery version
ADE	address module for CBS 2.0 – SMART technology
ADP	address module for CBS 1.0 – SMART technology
FZLV2	central battery FZLV II 48 VDC
FZLV	central battery FZLV 24VDC
WH	white color
SR	silver color
BL	black color
XX	pictogram from the front side ID (e.g. 21)
YY	pictogram on the back side ID (e.g. 22)

ESCAPE ALU AR



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP20

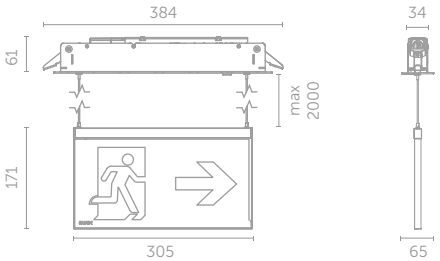
IK08

d=30m

LiFePO$_4$

MATERIALS	White, black or silver aluminium 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	2W LED ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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, IK08
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) select 2pc of pictogram number from datasheet Pictograms

DIMENSIONS [mm]



(2) pictogram

SELF-CONTAINED CONFIGURATION

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

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR			PICTOGRAM
ESAR	2W	Z	CB	ADE	ADP	WH	SR	BL	XXYY

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR			PICTOGRAM
ESAR	2W	FZLV2	FZLV	WH	SR	BL	XXYY

LEGEND:

ESAR	fixture ESCAPE ALU AR
B	electronic gear for PREMIUM self-contained 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
CB	central battery version
ADE	address module for CBS 2.0 – SMART technology
ADP	address module for CBS 1.0 – SMART technology
FZLV2	central battery FZLV II 48 VDC
FZLV	central battery FZLV 24VDC
WH	white color
SR	silver color
BL	black color
XX	pictogram from the front side ID (e.g. 21)
YY	pictogram on the back side ID (e.g. 22)

ESCAPE ALU AW

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP20

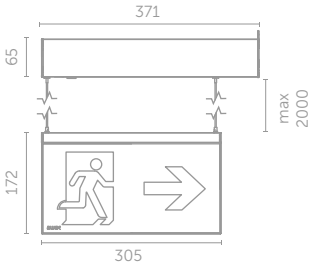
IK08

d=30m

LiFePO$_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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, IK08
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) select 2pc of pictogram number from datasheet Pictograms

DIMENSIONS [mm]



(2) pictogram

SELF-CONTAINED CONFIGURATION

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

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR			PICTOGRAM
ESAW	2W	Z	CB	ADE	ADP	WH	SR	BL	XXYY

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR			PICTOGRAM
ESAW	2W	FZLV2	FZLV	WH	SR	BL	XXYY

LEGEND:

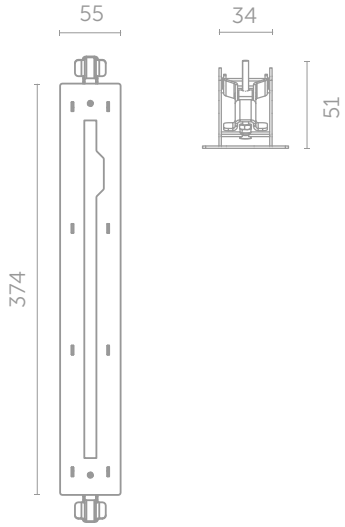
ESAW	fixture ESCAPE ALU AW
B	electronic gear for PREMIUM self-contained fittings
Z	electronic gear for addressable central battery fittings
SE	non-maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
CB	central battery version
ADE	address module for CBS 2.0 – SMART technology
ADP	address module for CBS 1.0 – SMART technology
FZLV2	central battery FZLV II 48 VDC
FZLV	central battery FZLV 24VDC
WH	white color
SR	silver color
BL	black color
XX	pictogram from the front side ID (e.g. 21)
YY	pictogram on the back side ID (e.g. 22)

ESCAPE ALU accessories

ACCESSORY FOR RECESSED MOUNTING

CODE: ES/REC/WH
ES/REC/GR
ES/REC/BL

DIMENSIONS [mm]

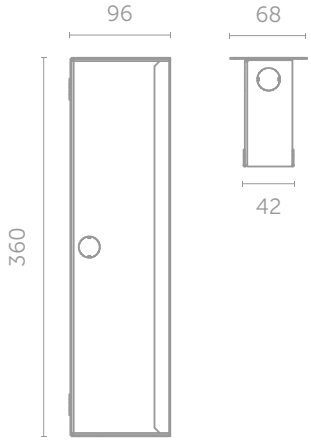


FITS TO ESCAPE ALU (AL, AC)

CONCRETE BOX

CODE: ES/RWC/GR

DIMENSIONS [mm]



FITS TO ESCAPE ALU (AC [1], AR)

[1] additionally required ACCESSORY FOR RECESSED MOUNTING

awex

TWINS family

EXIT

TWINS

TWINS p. 300

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.

CLOSE UP

COLOURS

Black aluminum

Silver aluminum

EXIT
awex

TWINS

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP41

IK08

d=30m

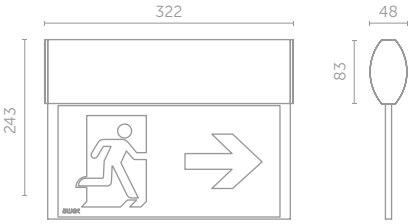
Ni-Cd

LiFePO$_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	I or III
IP & IK RATING	IP41, IK08
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 • RD – DALI central monitoring • 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	RD	SR	BL
		2W	B	1	3	SE	SA	AT	RU	RD	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

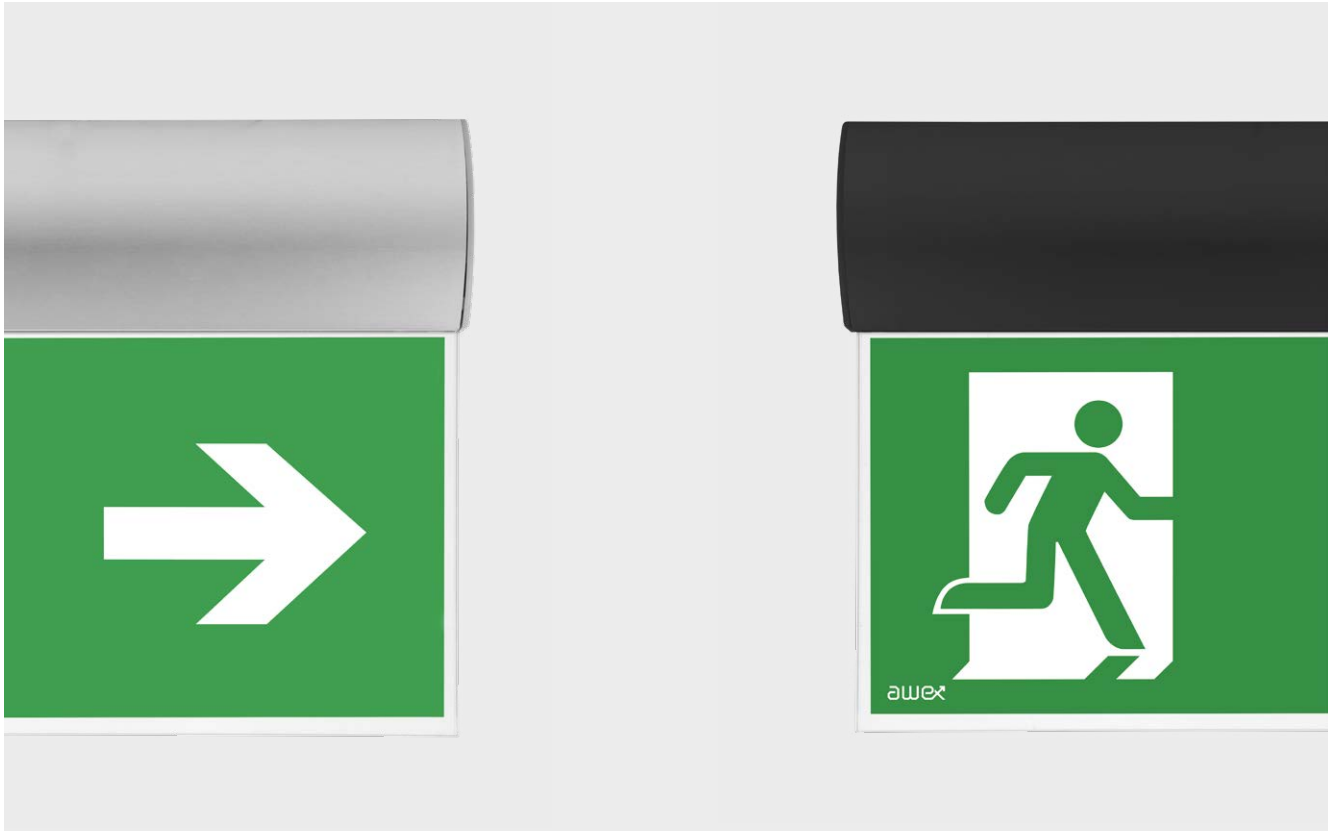
CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR	
TW	1W	Z	CB	ADE	ADP	SR	BL
	2W	Z	CB	ADE	ADP	SR	BL

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
RD	DALI 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

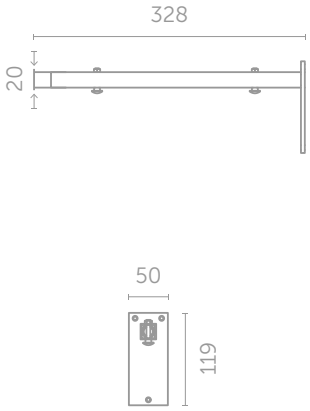
1009/BL

SUSPENSION ROPES

CODE: 1006/SR

1006/BL

DIMENSIONS [mm]



DIMENSIONS [mm]

FITS TO TWINS

FITS TO TWINS

awex

awex

PLEXI LED family

PLEXI LED

PLEXI LED p. 308

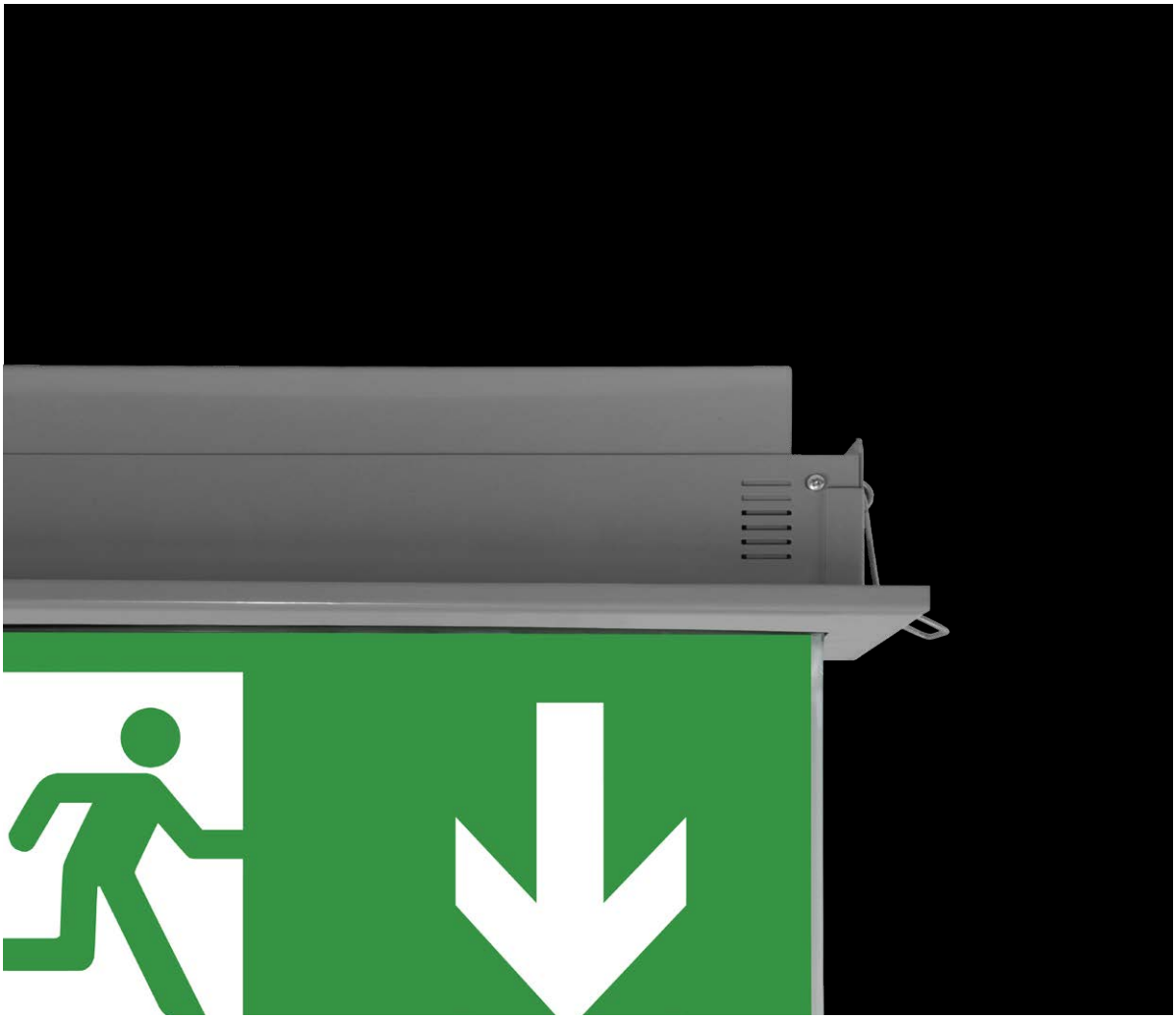
Durable housing

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.

CLOSE UP

COLOURS

White	Grey
RAL 9003	RAL 7045



PLEXI LED

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP40

IK08

d=30m

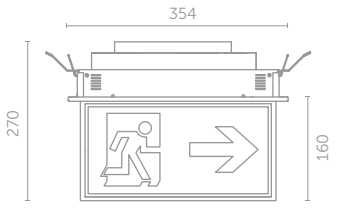
Ni-Cd

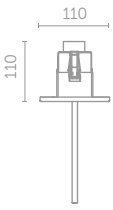
LiFePO$_4$

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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
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	I or III
IP & IK RATING	IP20, IK08
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 • RD – DALI central monitoring • 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	RD	GR	WH
		2W	B	1	3	SE	SA	AT	RU	RD	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
RD	DALI 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 2 family

CUBE 2

CUBE 2 p. 314

For special applications

CUBE 2 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.

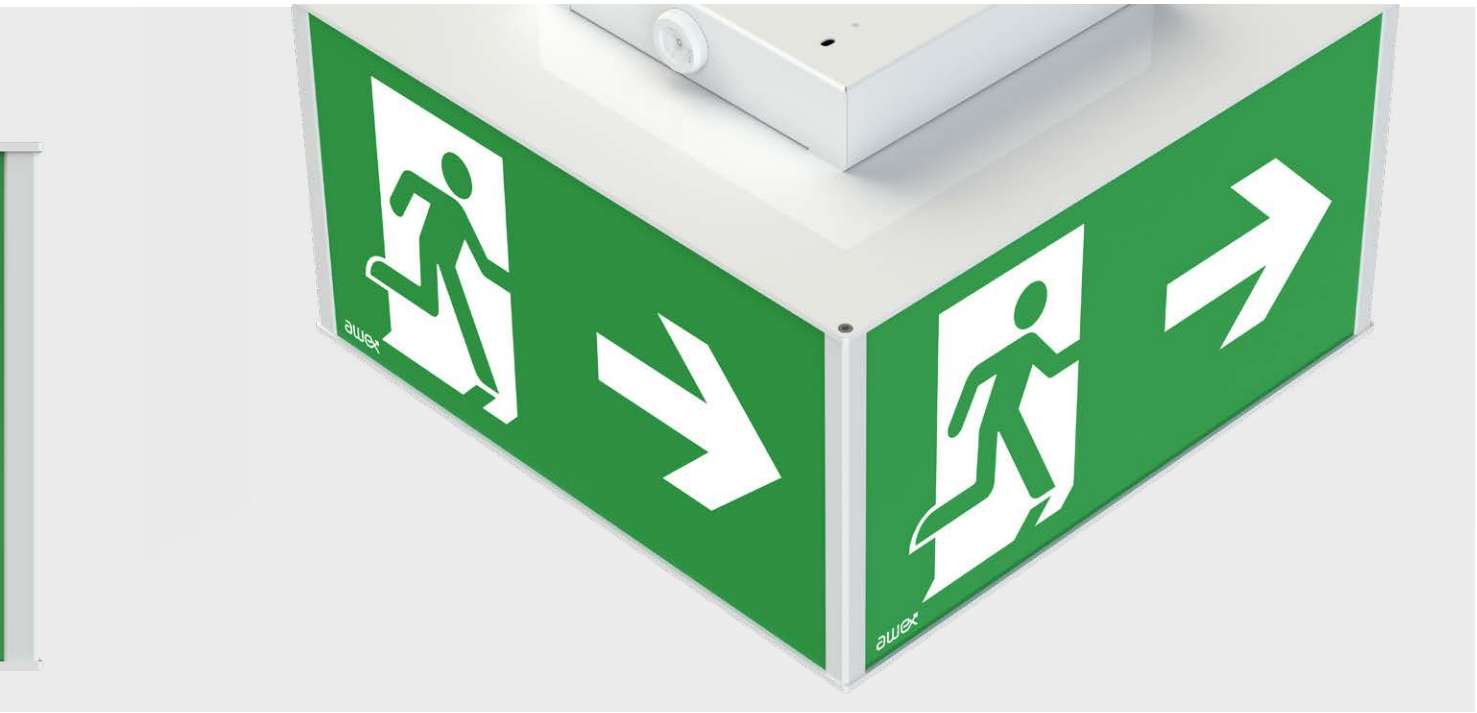
CLOSE UP

COLOURS

White

RAL 9003

awex


awex
awex

CUBE 2

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

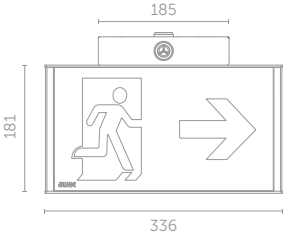
LED

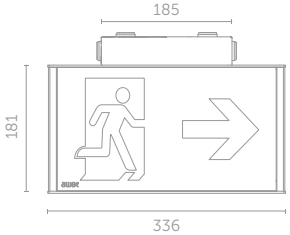
IP54

d=25m

MATERIALS	Steel painted white • Aluminium profiles painted white • Opal policarbonate pictograms
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, 4W LED ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
CHARGING	***Premium:*** max. 12h; energy-saving electronic charger
AUTONOMY AND BATTERIES	***Premium:*** 1h or 3h, $LiFePO_4$ 6,4V batteries
INSULATION CLASS	I or III
IP RATING	IP54
VIEWING DISTANCE	35 m
VIEWING METHOD	Four-sided
AMBIENT TEMPERATURE	***Self-contained:*** t_a: 0°C ÷ 40°C ***Central battery:*** t_a: -25°C ÷ 50°C
OPTIONS	SE – non maintained • SA – maintained • AT – autotest • RU – Rubic UNA central monitoring • FZLV – central battery FZLV 24VDC • RD – DALI central monitoring • 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 pendant mounting • [2] select 4 pcs. of pictogram number from datasheet Pictogramss

DIMENSIONS [mm]





[2] pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR	PICTOGRAM
PREMIUM	CU2	4W	B	1	3	SE	SA	AT	RU	RD	WH	XXYYZZWW

* power in emergency mode

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR	PICTOGRAM
CU2	4W	F	CB	CBS	X	WH	XXYYZZWW

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

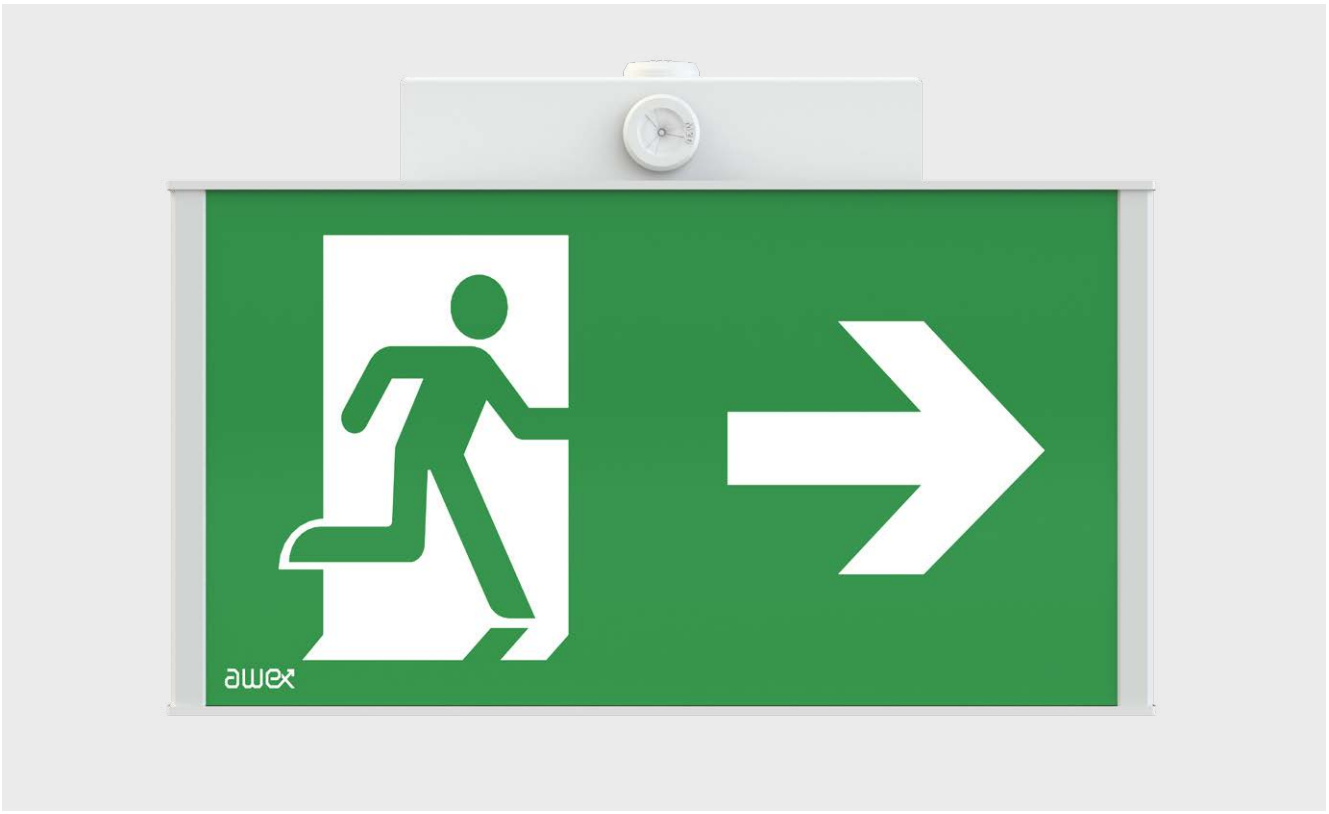
CODE	POWER	MODULE	SYSTEM	OPTIONS	COLOR	PICTOGRAM
CU2	4W	Z	CB	ADE	WH	XXYYZZWW

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR	PICTOGRAM
CU2	4W	FZLV	FZLV2	WH	XXYYZZWW

LEGEND:

CU2	fixture CUBE 2 four-sided
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
RD	DALI 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
ADE	address module for CBS 2.0 – SMART technology
WH	white color
XX	pictogram from the front side ID (e.g. 21)
YY	pictogram from the back side ID (e.g. 21)
ZZ	pictogram from the right side ID (e.g. 22)
WW	pictogram from the left side ID (e.g. 22)

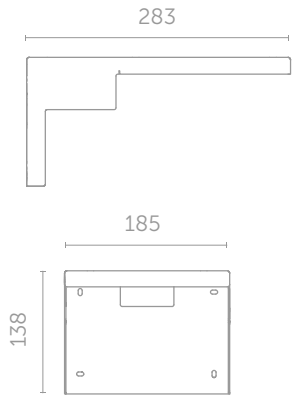


CUBE 2 accessories

WALL BRACKET

CODE: CU2/AW

DIMENSIONS [mm]

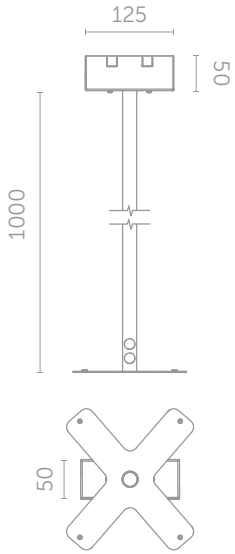


FITS TO CUBE 2

ACCESORY FOR PENDANT MOUNTING

CODE: CU2/PEN

DIMENSIONS [mm]

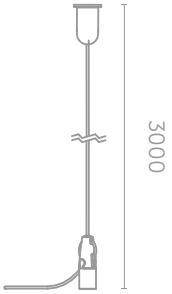


FITS TO CUBE 2

SUSPENSION ROPE (SET)

CODE: 1016

DIMENSIONS [mm]



FITS TO CUBE 2

awex
awex

SCREEN 2 family

SCREEN 2

SCREEN 2 S p. 322

SCREEN 2 M p. 324

SCREEN 2 L p. 326

COLOURS

Grey

RAL 7047

Modern body, universal use

SCREEN 2 series is a conventional escape-sign luminaire for surface or suspended mounting, designed to meet the requirements of large surfaces. With its dimensions, it is able to ensure high visibility at a distance of up to 60 meters, while offering energy efficiency with the use of LED technology. 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. Its metal body and use of plexi-glass with increased resistance ensures the high strength and durability of the luminaire. It is often used in large areas like airports, shopping malls, big communication stations/routes.

FLOOR ILLUMINATION

SCREEN 2 S

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP40

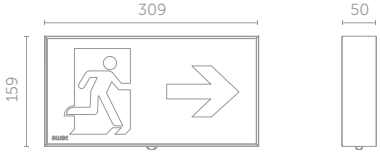
IK07

d=30m

LiFePO$_4$

MATERIALS	Grey aluminium profiles • Plexi glass
MOUNTING	Surface • Pendant [1] • Recessed [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 ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
CHARGING	***Premium:*** max. 12h; energy-saving electronic charger
AUTONOMY AND BATTERIES	***Premium:*** 1h or 3h, LiFePO$_4$ 6,4V batteries
INSULATION CLASS	I or III
IP & IK RATING	IP40, IK07
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: -25°C ÷ 50°C
OPTIONS	SE – non maintained • SA – maintained • AT – autotest • RU – Rubic UNA central monitoring • RD – DALI 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 pendant mounting, • [2] see accessory for recessed mounting,, RW option not available • [3] Select 2 pcs. of pictogram number from datasheet pictograms

DIMENSIONS [mm]



[3] pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR	PICTOGRAM
PREMIUM	SCSS	1W	B	1	3	SE	SA	AT	RU	RD	GR	XX
	SCSD	2W	B	1	3	SE	SA	AT	RU	RD	GR	XX
	SDSS	2W	B	1	3	SE	SA	AT	RU	RD	GR	XXYY
	SDSD	3W	B	1	3	SE	SA	AT	RU	RD	GR	XXYY

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS	COLOR	PICTOGRAM
SCSS	1W	Z	CB	ADE	GR	XX
SCSD	2W	Z	CB	ADE	GR	XX
SDSS	2W	Z	CB	ADE	GR	XXYY
SDSD	3W	Z	CB	ADE	GR	XXYY

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR	PICTOGRAM
SCSS	1W	FZLV	FZLV2	GR	XX
SCSD	2W	FZLV	FZLV2	GR	XX
SDSS	2W	FZLV	FZLV2	GR	XXYY
SDSD	3W	FZLV	FZLV2	GR	XXYY

LEGEND:

SCSS	fixture SCREEN 2 S single - sided
SCSD	fixture SCREEN 2 S single - sided with floor illumination
SDSS	fixture SCREEN 2 S double - sided
SDSD	fixture SCREEN 2 S double - sided with floor illumination
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
RD	DALI central monitoring
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
ADE	address module for CBS 2.0 – SMART technology
GR	grey color
XX	pictograms ID (e.g. 21)
YY	pictograms ID (e.g. 22)

SCREEN 2 M

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP40

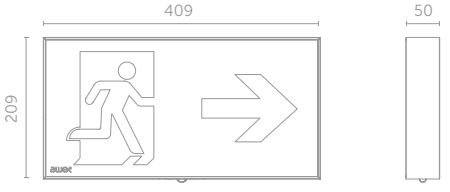
IK07

d=40m

LiFePO$_4$

MATERIALS	Grey aluminium profiles • Plexi glass
MOUNTING	Surface • Pendant [1] • Recessed [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	2W, 3W, 5W LED ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
CHARGING	***Premium:*** max. 12h; energy-saving electronic charger
AUTONOMY AND BATTERIES	***Premium:*** 1h or 3h, LiFePO$_4$ 6,4V batteries
INSULATION CLASS	I or III
IP & IK RATING	IP40, IK07
VIEWING DISTANCE	40 m
VIEWING METHOD	Single sided or double-sided
AMBIENT TEMPERATURE	***Self-contained:*** t$_a$: 0°C ÷ 40°C ***Central battery:*** t$_a$: -25°C ÷ 50°C
OPTIONS	SE – non maintained • SA – maintained • AT – autotest • RU – Rubic UNA central monitoring • RD – DALI 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 pendant mounting, • [2] see accessory for recessed mounting,, RW option not available • [3] Select 2 pcs. of pictogram number from datasheet pictograms

DIMENSIONS [mm]



[3] pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR	PICTOGRAM
PREMIUM	SCMS	2W	B	1	3	SE	SA	AT	RU	RD	GR	XX
	SCMD	3W	B	1	3	SE	SA	AT	RU	RD	GR	XX
	SDMS	4W	B	1	3	SE	SA	AT	RU	RD	GR	XXYY
	SDMD	5W	B	1	3	SE	SA	AT	RU	RD	GR	XXYY

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS	COLOR	PICTOGRAM
SCMS	2W	Z	CB	ADE	GR	XX
SCMD	3W	Z	CB	ADE	GR	XX
SDMS	4W	Z	CB	ADE	GR	XXYY
SDMD	5W	Z	CB	ADE	GR	XXYY

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR	PICTOGRAM
SCMS	2W	FZLV	FZLV2	GR	XX
SCMD	3W	FZLV	FZLV2	GR	XX
SDMS	4W	FZLV2		GR	XXYY
SDMD	5W	FZLV2		GR	XXYY

LEGEND:

SCMS	fixture SCREEN 2 M single - sided
SCMD	fixture SCREEN 2 M single - sided with floor illumination
SDMS	fixture SCREEN 2 M double - sided
SDMD	fixture SCREEN 2 M double - sided with floor illumination
B	electronic gear for PREMIUM self-contained 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
RD	DALI central monitoring
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
ADE	address module for CBS 2.0 – SMART technology
GR	grey color
XX	pictograms ID (e.g. 21)
YY	pictograms ID (e.g. 22)

SCREEN 2 L

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP40

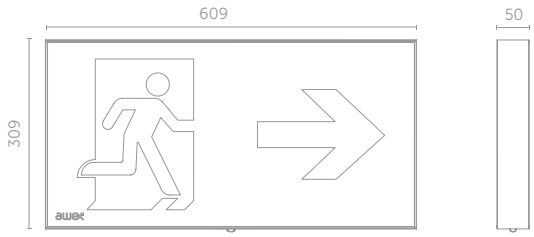
IK07

d=60m

LiFePO$_4$

MATERIALS	Grey aluminium profiles • Plexi glass
MOUNTING	Surface • 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	4W, 5W, 9W LED ***Colour temperature:*** 6000K ***Lifetime:*** 50000h
CHARGING	***Premium:*** max. 12h; energy-saving electronic charger
AUTONOMY AND BATTERIES	***Premium:*** 1h or 3h, LiFePO$_4$ 6,4V batteries
INSULATION CLASS	I or III
IP & IK RATING	IP40, IK07
VIEWING DISTANCE	60 m
VIEWING METHOD	Single sided or double-sided
AMBIENT TEMPERATURE	***Self-contained:*** t_a: 0°C ÷ 40°C ***Central battery:*** t_a: -25°C ÷ 50°C
OPTIONS	SE – non maintained • SA – maintained • AT – autotest • RU – Rubic UNA central monitoring • RD – DALI 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 pendant mounting • [2] Select 2 pcs. of pictogram number from datasheet pictograms

DIMENSIONS [mm]



[2] pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COLOR	PICTOGRAM
PREMIUM	SCLS	4W	B	1	3	SE	SA	AT	RU	RD	GR	XX
	SCLD	5W	B	1	3	SE	SA	AT	RU	RD	GR	XX
	SDLS	8W	B	1	3	SE	SA	AT	RU	RD	GR	XXYY
	SDLD	9W	B	1	3	SE	SA	AT	RU	RD	GR	XXYY

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS	COLOR	PICTOGRAM
SCLS	4W	Z	CB	ADE	GR	XX
SCLD	5W	Z	CB	ADE	GR	XX
SDLS	8W	Z	CB	ADE	GR	XXYY
SDLD	9W	Z	CB	ADE	GR	XXYY

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM	COLOR	PICTOGRAM
SCLS	4W	FZLV2	GR	XX
SCLD	5W	FZLV2	GR	XX
SDLS	8W	FZLV2	GR	XXYY
SDLD	9W	FZLV2	GR	XXYY

LEGEND:

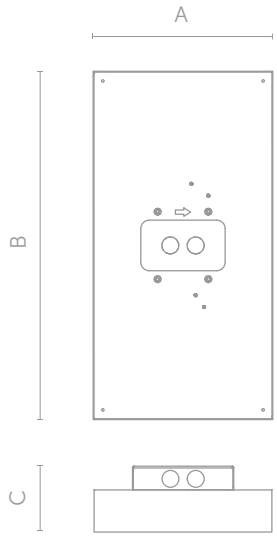
SCLS	fixture SCREEN 2 L single - sided
SCLD	fixture SCREEN 2 L single - sided with floor illumination
SDLS	fixture SCREEN 2 L double - sided
SDLD	fixture SCREEN 2 L double - sided with floor illumination
B	electronic gear for PREMIUM self-contained fittings
Z	electronic gear for addressable central battery fittings
SE	non maintained
SA	maintained
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
RD	DALI central monitoring
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
ADE	address module for CBS 2.0 – SMART technology
GR	grey color
XX	pictograms ID (e.g. 21)
YY	pictograms ID (e.g. 22)

SCREEN 2 accessories

CONCRETE BOX

CODE: SCSS/RWC
SCMS/RWC

DIMENSIONS [mm]



Dimensions mm:(AxBxC):

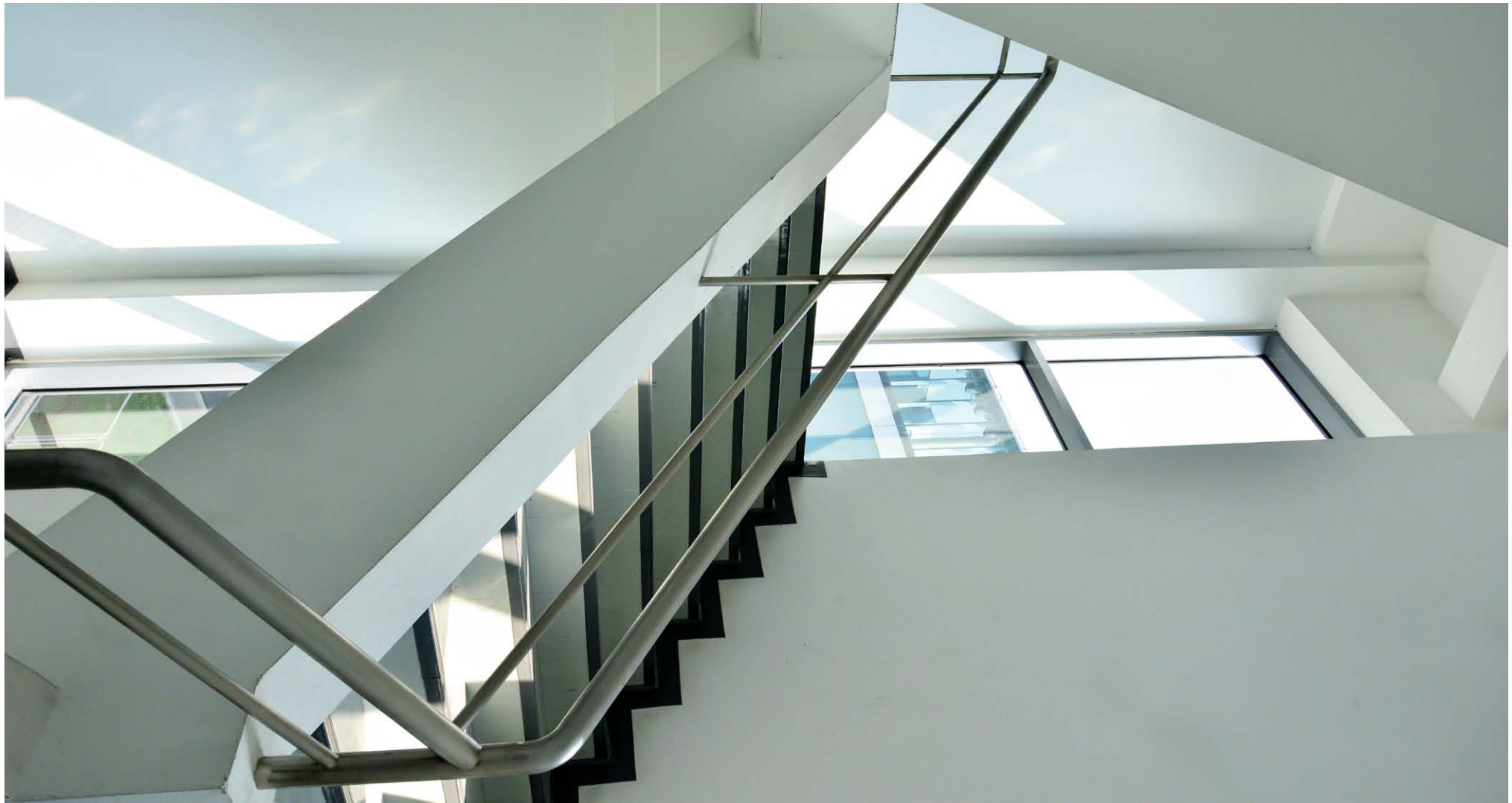
SCREEN 2 S: 164x314x80

SCREEN 2 M: 217x417x80

FITS TO SCREEN 2 S (SCSS/RWC),
SCREEN 2 M (SCMS/RWC)

awex

PICTOGRAMS and symbols



Pictograms

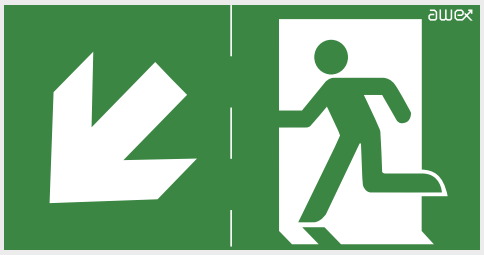
HOW TO CHOOSE A PICTOGRAM FOR A LAMP

1

CHOOSE TYPE OF LUMINAIRE

2

CHOOSE TYPE OF PICTOGRAM AND CHECK THE NUMBER



22

3

PUT THE PICTOGRAM NUMBER IN THE PLACE “xx”

n]	CODE
	PS xx
	PNxx

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

22

23

24

25

26

27

ADDITIONAL PICTOGRAMS

28

29

30

61

62

FITS TO		DIMENSIONS [mm]	CODE
FAMILY NAME	CODE		
TIGER LED	TL, TSL	100x300	PSxx
WONDER	WNDO, WNDP	100x200	PNxx
EXIT S	ETS		
EXIT M	ETE	125x250	PMxx
HELIOS LED	HL, HEL, HDL, HDEL		
ESCAPE ALU	ESB, ESAC, ESAL	150x300	PBxx
TWINS	TW		
SK-8	SK-8		
PICTOGRAMS ON FOIL AND PAINTED ON PLEXIGLASS AVAILABLE ON REQUEST			
ARROW	(ARN, ARP)	125x250	PSxxF
INFINITY II	IF2B, IF2AC, IF2AW, IF2AL	150x300	PDxxF
EXIT L	ETL	150x300	PLxxF

xx – pictogram ID number

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

31

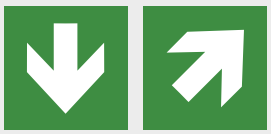
32

33

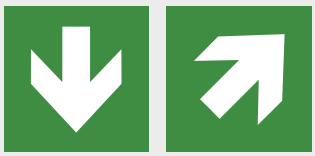
34

FITS TO		DIMENSIONS [mm]	CODE
FAMILY NAME	CODE		
EXIT M	ETE	125x250 (125x375)	PUxx
HELIOS LED	HL, HEL, HDL, HDEL		
ARROW	ARN, ARP)		
TWINS	TW	150x300 (150x450)	
INFINITY II	IF2B, IF2AC, IF2AW, IF2AL		
SK-8	SK-8		
EXIT L	ETL		
TIGER LED	TL, TSL	100x300 (150x600)	
EXIT S	ETS	100x200 (100x300)	
WONDER	WNDO, WNDP		

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



41 42



43 44

47 48

FITS TO		DIMENSIONS [mm]	CODE
FAMILY NAME	CODE		
EXIT M	ETE	125x125	PUxx
HELIOS LED	HL, HEL, HDL, HDEL		
ARROW	ARN, ARP)		
TWINS	TW	150x150	
INFINITY II	IF2B, IF2AC, IF2AW, IF2AL		
SK-8	SK-8		
EXIT L	ETL		
EXIT S	ETS	100x100	

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

The product compliance with DALI standards

Insulation class III

Insulation class II

Insulation class I

Type of used battery $LiFePO_4$

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=60 m

Viewing distance d=40 m

USED SYMBOLS

d=35m

Viewing distance d=40 m

d=30m

Viewing distance d=30 m

d=25m

Viewing distance d=25 m

d=20m

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

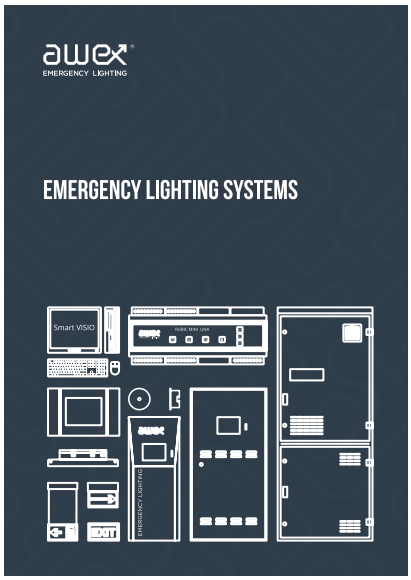
Protection class IP

IK10

Protection against mechanical impact

Current list of products with Kitemark and ENEC is available at www.awex.eu

Information about our systems are included in other catalogs:



available at www.awex.eu

awex®

EMERGENCY LIGHTING

www.awex.eu

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