

EMERGENCY ESCAPE LIGHTING

AXP

MATERIALS:

White, grey or black polycarbonate body

MOUNTING:

Recessed (ceiling)

POWER SUPPLY:

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

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

Central battery FZLV – 24VDC

LIGHT SOURCE:

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

Optics

C - corridor

R - escape route

O - open area

U - universal

A - asymmetric

CHARGING:

BASIC: max. 24h

STANDARD: max. 24h

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

AUTONOMY AND BATTERIES:

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

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

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

INSULATION CLASS:

II or III

IP RATING:

IP20 or IP65/20

AMBIENT TEMPERATURE:

Self-contained:

t_a: 0°C÷40°C

CB:

t_a: 0°C ÷ 50°C

OPTIONS:

SE – non maintained

SA – maintained (with an option of connecting as non-maintained)

AT – autotest

PT – manual test button

RU – Rubic UNA central monitoring

FZLV – central battery FZLV 24V

CB – central battery

ADDITIONAL INFORMATION:

LED indicator signalizes mains power supply and battery charge

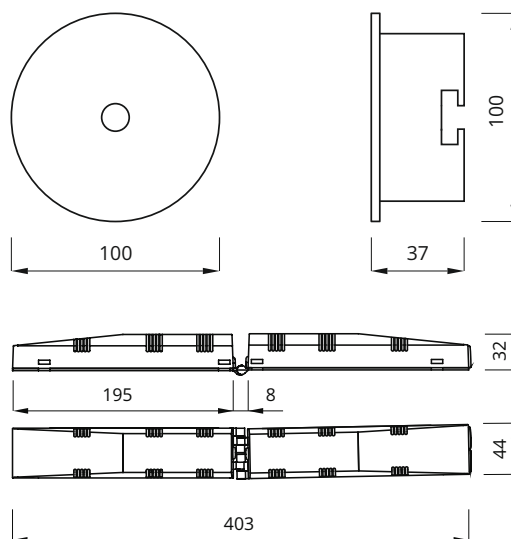
Deep discharge protection

III class of insulation of FZLV version

Electronic gear and battery package installed in a separate box



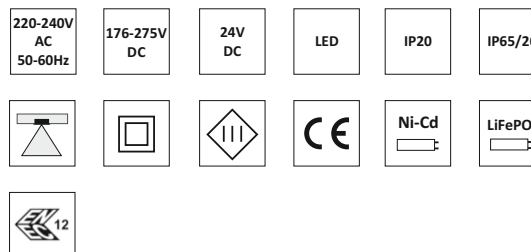
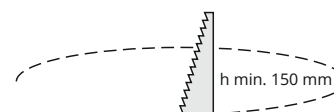
DIMENSIONS (mm):



RECESSING CUT (mm):

• ceiling

Ø 83mm



KM 618355
BS-EN 60598-2-22

EMERGENCY ESCAPE LIGHTING

SELF-CONTAINED CONFIGURATION

CODE	POWER	MODULE	AUTONOMY [h]		MODE	OPTIONS	COLOR		
BASIC									
AXPR AXPU AXPO AXPC AXPA	1W	E	1	3	SE	PT X	WH	GR	BL
STANDARD									
AXPR AXPU AXPO AXPC AXPA	1W	C	1	3	SA	PT X	WH	GR	BL
	2W	C	1	3	SA	PT X	WH	GR	BL
	3W	C	1	3	SA	PT X	WH	GR	BL
PREMIUM									
AXPR AXPU AXPO AXPC AXPA	1W	B	1	3	SA	AT RU	WH	GR	BL
	2W	B	1	3	SA	AT RU	WH	GR	BL
	3W	B	1	3	SA	AT RU	WH	GR	BL
	6W*	B	1	3	SA	AT RU	WH	GR	BL

* power in emergency mode

OUTPUT IN EMERGENCY MODE

POWER	OUTPUT [lm]				
	AXPR	AXPU	AXPO	AXPC	AXPA
BASIC					
1W	140	140	135	145	130
STANDARD					
1W	140	140	135	145	130
2W	240	250	240	240	240
3W	340	360	345	340	345
PREMIUM					
1W	150	150	145	160	140
2W	260	270	260	260	260
3W	370	390	375	370	380
6W	600	620	615	600	580

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS	COLOR		
AXPR AXPU AXPO AXPC AXPA	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

POWER	OUTPUT [lm]				
	AXPR	AXPU	AXPO	AXPC	AXPA
1W	150	150	145	160	140
2W	260	270	260	260	260
3W	370	390	375	370	380
6W	600	620	615	600	580

CENTRAL BATTERY CONFIGURATION - ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS	COLOR		
AXPR AXPU AXPO AXPC AXPA	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

POWER	OUTPUT [lm]				
	AXPR	AXPU	AXPO	AXPC	AXPA
1W	150	150	145	160	140
2W	260	270	260	260	260
3W	370	390	375	370	380
6W	600	620	615	600	580

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM	COLOR		
AXPR AXPU AXPO AXPC AXPA	1W	FZLV	WH	GR	BL
	2W	FZLV	WH	GR	BL
	3W	FZLV	WH	GR	BL

Code of IP20 version are indicated in the legend

OUTPUT IN EMERGENCY MODE

POWER	OUTPUT [lm]				
	AXPR	AXPU	AXPO	AXPC	AXPA
1W	150	150	145	160	140
2W	260	270	260	260	260
3W	370	390	375	370	380

Output in emergency mode of AXP IP20 is the same like AXP IP65/20.

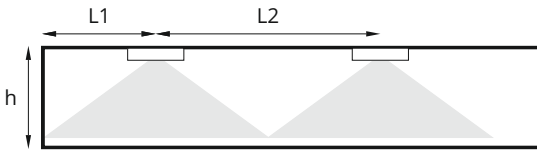
LEGEND:

AXPR – fixture AXP IP65/20 with optics for escape route
 AXPU – fixture AXP IP65/20 with universal optics
 AXPO – fixture AXP IP65/20 with optics for open area
 AXPC – fixture AXP IP65/20 with optics for corridor
 AXPA – fixture AXP IP65/20 with asymmetric optics optics
 AXEPR – fixture AXP IP20 with optics for escape route
 AXEPU – fixture AXP IP20 with universal optics
 AXEPO – fixture AXP IP20 with optics for open area
 AXEPC – fixture AXP IP20 with optics for corridor
 AXEPA – fixture AXP IP20 with asymmetric optics optics
 E – electronic gear for BASIC self-contained fittings
 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

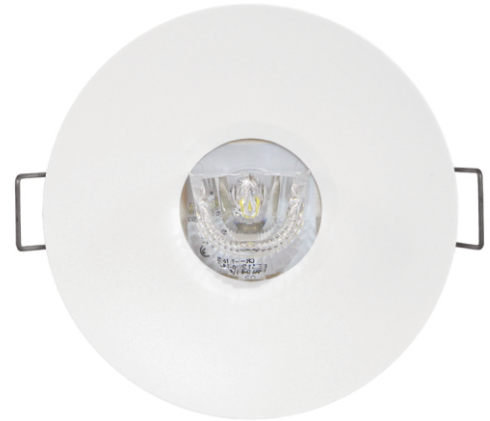
SE – non maintained
 SA – maintained (with an option of connecting as non-maintained)
 PT – manual test button
 X – fitting without additional options
 AT – autotest
 RU – Rubic UNA central monitoring
 FZLV – central battery FZLV 24 VDC
 CB – central battery version
 CBS – central battery for circuit monitoring
 ADP – central battery with ADP address module – SMART technology
 ADE – central battery with ADE address module

INFORMATION FOR READERS

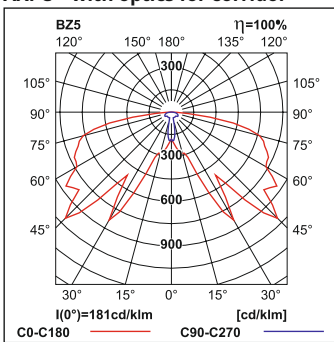
Photometry of AXP – AXPC, AXPR, AXPO, AXPU, AXPA



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



AXPC – with optics for corridor



AXPC 1W (160lm) min. 1lx

h [m]	L1	L2
2,5	5,5	15,0
3,0	5,5	16,0
3,5	6,0	16,5
4,0	6,5	17,0
4,5	6,0	16,5
5,0	6,0	16,5
6,0	5,5	14,0

AXPC 2W (260lm) min. 1lx

h [m]	L1	L2
2,5	7,0	17,5
3,0	7,5	18,5
3,5	7,5	19,5
4,0	8,0	20,5
5,0	8,5	22,0
6,0	9,0	23,0
7,0	9,0	23,0
8,0	9,0	16,0
9,0	9,5	14,0
10,0	7,5	12,0
11,0	7,0	11,5
12,00	7,0	9,5

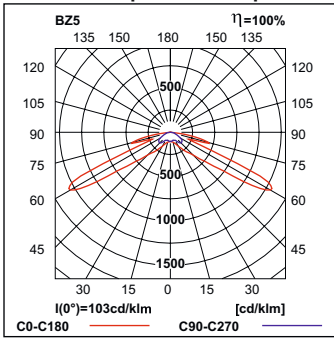
AXPC 3W (370lm) min. 1lx

h [m]	L1	L2
2,5	8,0	19,0
3,0	8,0	20,5
3,5	8,5	21,5
4,0	9,0	23,0
4,5	9,5	24,0
5,0	10,0	25,0
6,0	10,5	26,5
7,0	10,5	28,0
8,0	10,0	27,5

AXPC 6W (600lm) min. 1lx

h [m]	L1	L2
2,5	10,0	23,0
3,0	10,5	25,5
3,5	11,0	27,0
4,0	11,5	29,0
4,5	12,0	30,0
5,0	12,0	31,0
6,0	12,5	32,0
7,0	13,5	35,0
9,0	14,5	37,0
10,00	14,5	38,0

AXPR – with optics for escape route



AXPR 1W (150lm) min. 1lx

h [m]	L1	L2
2,5	5,5	13,0
3,0	6,5	14,0
3,5	7,0	15,5
4,0	7,5	17,0

AXPR 2W (250lm) min. 1lx

h [m]	L1	L2
2,5	6,0	14,0
3,0	7,0	15,0
3,5	7,5	17,5
4,0	8,5	19,0
4,5	9,0	20,0
5,0	9,5	21,0
6,0	10,0	22,0

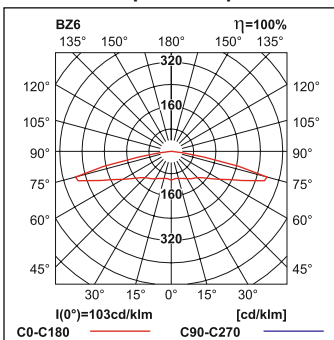
AXPR 3W (370lm) min. 1lx

h [m]	L1	L2
2,5	6,5	16,5
3,0	7,5	17,5
3,5	8,0	19,0
4,0	9,0	20,5
4,5	9,0	22,0
5,0	10,5	22,5
6,0	10,5	23,5

AXPR 6W (600lm) min. 1lx

h [m]	L1	L2
2,5	8,0	20,0
3,0	8,5	21,0
3,5	9,5	21,0
4,0	10,5	22,5
4,5	10,5	23,5
5,0	11,5	25,0
6,0	13,0	29,0

AXPO – with optics for open area



AXPO 1W (145lm) min. 0,5lx

h [m]	L1	L2
2,5	2,5	13,5
3,0	2,0	13,5
3,5	2,0	13,5
4,0	2,0	13,0
4,5	1,5	12,5
5,0	1,5	12,5
6,0	1,5	12,0

AXPO 2W (260lm) min. 0,5lx

h [m]	L1	L2
2,5	5,0	15,0
3,0	4,5	16,5
3,5	4,0	18,0
4,0	2,5	19,0
5,0	2,0	18,5
6,0	2,0	18,0
7,0	2,0	17,0
8,0	2,0	16,5
9,0	2,0	16,5
10,0	1,5	16,5
11,0	1,0	14,5

AXPO 3W (375lm) min. 0,5lx

h [m]	L1	L2
2,5	6,5	17,0
3,0	6,5	18,0
3,5	6,5	20,0
4,0	5,5	21,5
4,5	5,0	22,5
5,0	4,0	23,0
6,0	4,0	22,5
7,0	4,0	22,0
8,0	3,0	21,0

AXPO 6W (615lm) min. 0,5lx

h [m]	L1	L2
2,5	6,0	19,5
3,0	6,0	20,0
3,5	6,5	22,0
4,0	6,0	23,0
4,5	5,5	24,0
5,0	5,0	25,0
6,0	4,0	26,0
7,0	4,0	26,5
8,0	4,0	26,5
9,0	4,0	26,5
10,00	2,5	26,0
11,00	2,0	26,0

