

EMERGENCY ESCAPE LIGHTING

AXP

MATERIALS:

White polycarbonate body

MOUNTING:

Recessed (ceiling)

POWER SUPPLY:

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

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

Central battery FZLV – 24VDC

LIGHT SOURCE:

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

Optics

R – escape route

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:

t_a: 0°C - +40°C

OPTIONS:

SE – non maintained

SA – 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

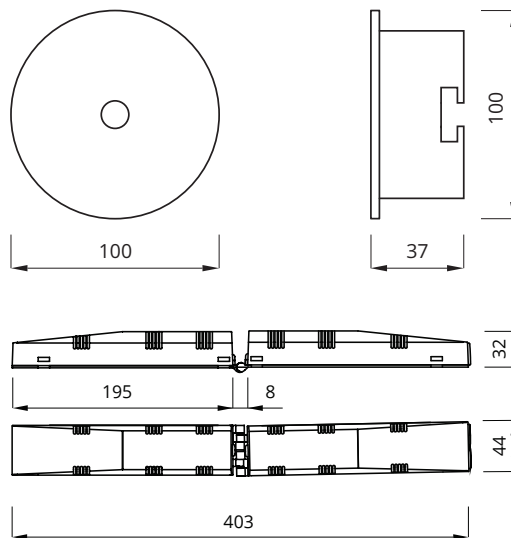
Deep discharge protection

III class of insulation of FZLV version

Electronic gear and battery package installed in a separate box



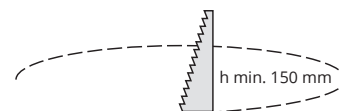
DIMENSIONS (mm):



RECESSING CUT (mm):

• ceiling

Ø 83mm



220-240V AC 50-60Hz	176-275V DC	24V DC	LED	IP20	IP65/20
				Ni-Cd	LiFePO ₄



KM 618355
BS-EN60592-2-22

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

EMERGENCY ESCAPE LIGHTING

SELF-CONTAINED CONFIGURATION

CODE	POWER	MODULE	AUTONOMY [h]		MODE	OPTIONS	
BASIC							
AXPR AXPU AXPA AXEPR AXEPU AXEPA	1W	E	1	3	SE	PT	X
STANDARD							
AXPR AXPU AXPA AXEPR AXEPU AXEPA	1W	C	1	3	SA	PT	X
AXPR AXPU AXPA AXEPR AXEPU AXEPA	2W	C	1	3	SA	PT	X
AXPR AXPU AXPA AXEPR AXEPU AXEPA	3W	C	1	3	SA	PT	X
PREMIUM							
AXPR AXPU AXPA AXEPR AXEPU AXEPA	1W	B	1	3	SA	AT	RU
AXPR AXPU AXPA AXEPR AXEPU AXEPA	2W	B	1	3	SA	AT	RU
AXPR AXPU AXPA AXEPR AXEPU AXEPA	3W	B	1	3	SA	AT	RU
AXPR AXPU AXPA AXEPR AXEPU AXEPA	6W*	B	1		SA	AT	RU

*AVAILABLE WITH SE VERSION ONLY

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS
AXPR AXPU AXPA AXEPR AXEPU AXEPA	1W	F	CB	CBS X
AXPR AXPU AXPA AXEPR AXEPU AXEPA	2W	F	CB	CBS X
AXPR AXPU AXPA AXEPR AXEPU AXEPA	3W	F	CB	CBS X
AXPR AXPU AXPA AXEPR AXEPU AXEPA	6W	F	CB	CBS X

CENTRAL BATTERY CONFIGURATION - ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS
AXPR AXPU AXPA AXEPR AXEPU AXEPA	1W	Z	CB	ADE ADP
AXPR AXPU AXPA AXEPR AXEPU AXEPA	2W	Z	CB	ADE ADP
AXPR AXPU AXPA AXEPR AXEPU AXEPA	3W	Z	CB	ADE ADP
AXPR AXPU AXPA AXEPR AXEPU AXEPA	6W	Z	CB	ADE ADP

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM
AXPR AXPU AXPA AXEPR AXEPU AXEPA	1W	FZLV
AXPR AXPU AXPA AXEPR AXEPU AXEPA	2W	FZLV
AXPR AXPU AXPA AXEPR AXEPU AXEPA	3W	FZLV

LEGEND:

AXPR – fixture AXP IP65/20 with optics for escape route
 AXPU – fixture AXP IP65/20 with universal optics
 AXPA – fixture AXP IP65/20 with A optics
 AXEPR – fixture AXP IP20 with optics for escape route
 AXEPU – fixture AXP IP20 with universal optics
 AXEPA – fixture AXP IP20 with A 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

OUTPUT IN EMERGENCY MODE

POWER	OUTPUT [lm]		
	AXPR	AXPU	AXPA
BASIC			
1W	130	130	120
STANDARD			
1W	140	140	130
2W	240	250	240
3W	350	360	345
PREMIUM			
1W	150	150	140
2W	260	270	260
3W	370	390	380
6W	600	620	580

OUTPUT IN EMERGENCY MODE

POWER	OUTPUT [lm]		
	AXPR	AXPU	AXPA
1W	150	150	140
2W	260	270	260
3W	370	390	380
6W	600	620	580

OUTPUT IN EMERGENCY MODE

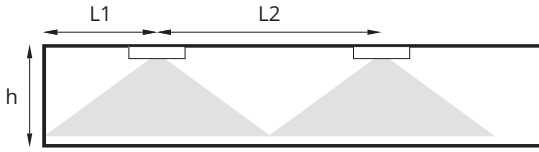
POWER	OUTPUT [lm]		
	AXPR	AXPU	AXPA
1W	150	150	140
2W	260	270	260
3W	370	390	380
6W	600	620	580

OUTPUT IN EMERGENCY MODE

POWER	OUTPUT [lm]		
	AXPR	AXPU	AXPA
1W	150	150	140
2W	260	270	260
3W	370	390	380

EMERGENCY ESCAPE LIGHTING

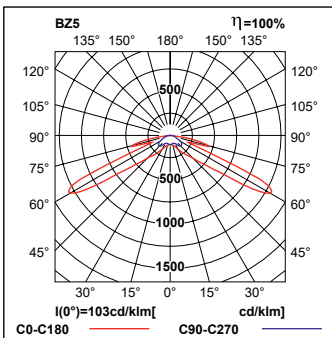
Photometry of AXP - AXPR, AXPU, AXPA



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



AXPR - with optics for escape route



AXPR 1W (150lm) min. 1lx

h [m]	L1	L2
2,50	5,5	13,0
3,00	6,5	14,0
3,50	7,0	15,5
4,00	7,5	17,0

AXPR 2W (250lm) min. 1lx

h [m]	L1	L2
2,50	6,0	14,0
3,00	7,0	15,0
3,50	7,5	17,5
4,00	8,5	19,0
4,50	9,0	20,0
5,00	9,5	21,0
6,00	10,0	22,0

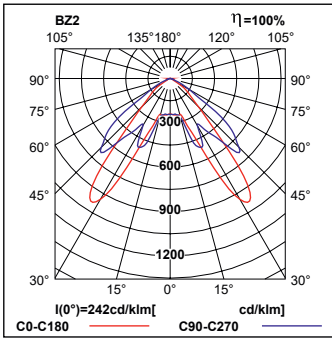
AXPR 3W (370lm) min. 1lx

h [m]	L1	L2
2,50	6,5	16,5
3,00	7,5	17,5
3,50	8,0	19,0
4,00	9,0	20,5
4,50	9,0	22,0
5,00	10,5	22,5
6,00	10,5	23,5

AXPR 6W (600lm) min. 1lx

h [m]	L1	L2
2,50	8,0	20,0
3,00	8,5	21,0
3,50	9,5	21,0
4,00	10,5	22,5
4,50	10,5	23,5
5,00	11,5	25,0
6,00	13,0	29,0

AXPU - with universal optics



AXPU 1W (140lm) min. 0,5lx

h [m]	L1	L2
2,50	3,5	6,5
3,00	3,5	7,5
3,50	3,5	8,0
4,00	3,5	8,5
4,50	4,0	8,5
5,00	4,5	9,0
6,00	4,5	8,0

AXPU 2W (270lm) min. 0,5lx

h [m]	L1	L2
2,50	3,5	7,5
3,00	4,0	8,0
3,50	4,0	9,0
4,00	4,5	10,0
4,50	5,0	11,0
5,00	5,0	11,0
6,00	5,5	11,0

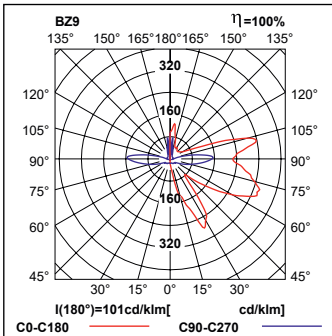
AXPU 3W (390lm) min. 0,5lx

h [m]	L1	L2
2,50	3,5	8,0
3,00	4,0	8,5
3,50	4,0	9,5
4,00	4,5	10,5
4,50	5,5	11,0
5,00	6,0	12,5
6,00	6,5	13,5

AXPU 6W (620lm) min. 0,5lx

h [m]	L1	L2
2,50	4,0	8,5
3,00	4,5	9,5
3,50	4,5	10,5
4,00	5,5	10,5
4,50	5,5	12,0
5,00	6,0	13,0
6,00	7,0	14,0

AXPA - with asymmetric optics



AXPA 1W (140lm) min. 1lx

h [m]	L1	L2
2,50	2,5	10,0
3,00	2,5	8,5
3,50	2,0	7,5
4,00	1,5	6,5

AXPA 2W (270lm) min. 1lx

h [m]	L1	L2
2,50	5,0	13,0
3,00	4,0	12,5
3,50	3,5	12,0
4,00	3,5	10,0
4,50	3,0	9,0
5,00	3,0	8,0
6,00	2,0	7,0

AXPA 3W (380lm) min. 1lx

h [m]	L1	L2
2,50	6,0	16,5
3,00	5,0	17,0
3,50	4,5	17,0
4,00	4,0	16,0
4,50	3,5	14,5
5,00	3,0	14,0
6,00	2,5	12,0

AXPA 6W (580lm) min. 1lx

h [m]	L1	L2
2,50	7,5	19,0
3,00	8,0	20,0
3,50	8,0	21,0
4,00	6,0	21,0
4,50	5,5	21,0
5,00	5,0	20,0
6,00	4,5	16,0