

EMERGENCY ESCAPE LIGHTING

AXN

MATERIALS:

White polycarbonate body

MOUNTING:

Surface (wall, 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:

IP44 or IP65

AMBIENT TEMPERATURE:

t_a: 0°C - +40°C

t_a: -25°C ÷ 40°C – together with heater for low temperatures

OPTIONS:

SE – non maintained

SA – maintained

AT – autotest

PT – manual test button

RU – Rubic UNA central monitoring

FZLV – central battery FZLV 24VDC

CB – central battery

ADDITIONAL INFORMATION:

LED indicator signalizes mains power supply and battery charge

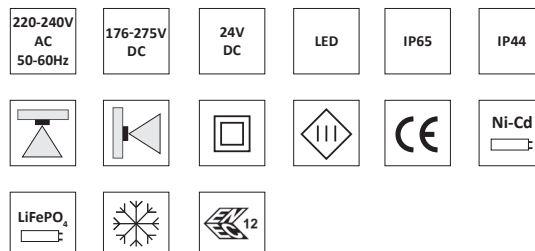
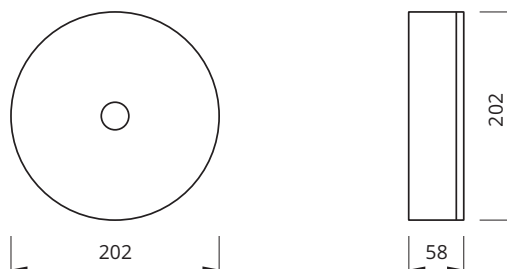
Deep discharge protection

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

III class of insulation of FZLV version



DIMENSIONS (mm):



KM 618355
BS-EN60592-2-22

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

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SELF-CONTAINED CONFIGURATION

CODE	POWER	MODULE	AUTONOMY [h]		MODE	OPTIONS	
BASIC							
AXNR AXNU AXNA AXENR AXENU AXENA	1W	E	1	3	SE	PT	X
STANDARD							
AXNR AXNU AXNA AXENR AXENU AXENA	1W	C	1	3	SA	PT	X
AXNR AXNU AXNA AXENR AXENU AXENA	2W	C	1	3	SA	PT	X
AXNR AXNU AXNA AXENR AXENU AXENA	3W	C	1	3	SA	PT	X
PREMIUM							
AXNR AXNU AXNA AXENR AXENU AXENA	1W	B	1	3	SA	AT	RU
AXNR AXNU AXNA AXENR AXENU AXENA	2W	B	1	3	SA	AT	RU
AXNR AXNU AXNA AXENR AXENU AXENA	3W	B	1	3	SA	AT	RU
AXNR AXNU AXNA AXENR AXENU AXENA	6W*	B	1	3	SA	AT	RU

*AVAILABLE WITH SE VERSION ONLY

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS
AXNR AXNU AXNA AXENR AXENU AXENA	1W	F	CB	CBS X
AXNR AXNU AXNA AXENR AXENU AXENA	2W	F	CB	CBS X
AXNR AXNU AXNA AXENR AXENU AXENA	3W	F	CB	CBS X
AXNR AXNU AXNA AXENR AXENU AXENA	6W	F	CB	CBS X

CENTRAL BATTERY CONFIGURATION - ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS
AXNR AXNU AXNA AXENR AXENU AXENA	1W	Z	CB	ADE ADP
AXNR AXNU AXNA AXENR AXENU AXENA	2W	Z	CB	ADE ADP
AXNR AXNU AXNA AXENR AXENU AXENA	3W	Z	CB	ADE ADP
AXNR AXNU AXNA AXENR AXENU AXENA	6W	Z	CB	ADE ADP

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM
AXNR AXNU AXNA AXENR AXENU AXENA	1W	FZLV
AXNR AXNU AXNA AXENR AXENU AXENA	2W	FZLV
AXNR AXNU AXNA AXENR AXENU AXENA	3W	FZLV

LEGEND:

AXNR – fixture AXN IP65 with optics for escape route
 AXNU – fixture AXN IP65 with universal optics
 AXNA – fixture AXN IP65 with asymmetric optics
 AXENR – fixture AXN IP44 with optics for escape route
 AXENU – fixture AXN IP44 with universal optics
 AXENA – fixture AXN IP44 with asymmetric 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]		
	AXNR	AXNU	AXNA
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]		
	AXNR	AXNU	AXNA
1W	150	150	140
2W	260	270	260
3W	370	390	380
6W	600	620	580

OUTPUT IN EMERGENCY MODE

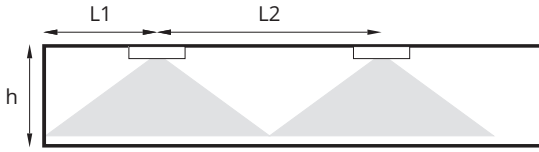
POWER	OUTPUT [lm]		
	AXNR	AXNU	AXNA
1W	150	150	140
2W	260	270	260
3W	370	390	380
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OUTPUT IN EMERGENCY MODE

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	AXNR	AXNU	AXNA
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2W	260	270	260
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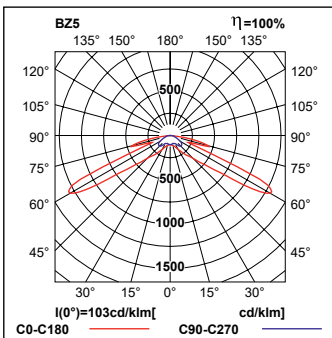
Photometry of AXN – AXNR, AXNU, AXNA



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



AXNR – with optics for escape route



AXNR 1W (150lm) min. 1lx

h [m]	L1	L2
2,50	5,5	12,0
3,00	6,5	13,5
3,50	7,0	15,0
4,00	7,5	17,0

AXNR 2W (250lm) min. 1lx

h [m]	L1	L2
2,50	5,5	13,0
3,00	6,5	14,5
3,50	7,5	16,5
4,00	8,5	18,0
4,50	9,0	20,0
5,00	10,0	21,0

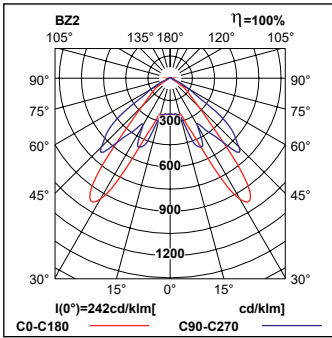
AXNR 3W (370lm) min. 1lx

h [m]	L1	L2
2,50	6,0	15,0
3,00	7,0	15,5
3,50	8,0	17,0
4,00	8,5	19,0
4,50	9,5	20,5
5,00	10,5	22,0
6,00	11,5	25,0

AXNR 6W (600lm) min. 1lx

h [m]	L1	L2
2,50	7,5	20,0
3,00	8,5	21,0
3,50	9,5	21,5
4,00	10,5	22,5
4,50	11,0	23,5
5,00	11,5	25,0
6,00	13,0	29,0

AXNU – with universal optics



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

h [m]	L1	L2
2,50	3,0	6,5
3,00	3,0	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

AXNU 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

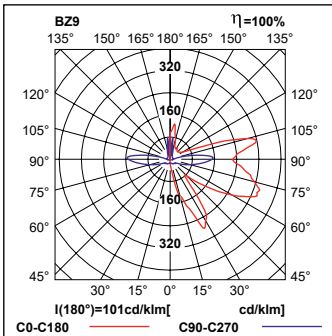
AXNU 3W (390lm) min. 0,5lx

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

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

h [m]	L1	L2
2,50	4,0	8,5
3,00	4,0	9,5
3,50	4,5	10,5
4,00	5,0	11,0
4,50	5,5	12,0
5,00	6,0	13,0
6,00	7,0	14,0

AXNA – with asymmetric optics



AXNA 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	7,0

AXNA 2W (250lm) 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

AXNA 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

AXNA 6W (580lm) min. 1lx

h [m]	L1	L2
2,50	7,5	19,5
3,00	7,5	20,5
3,50	7,0	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