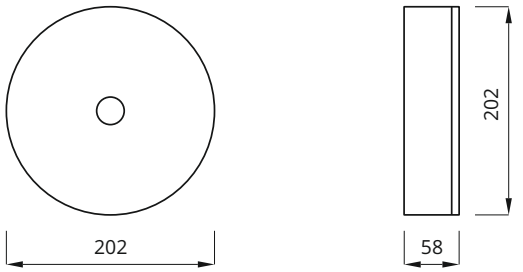
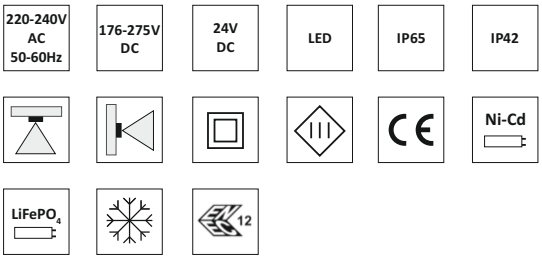
EMERGENCY ESCAPE LIGHTING

AXN

MATERIALS:
White, grey or black 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
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, $LiFePO_4$ 6,4V batteries
INSULATION CLASS:
II or III
IP RATING:
IP42 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 (with an option of connecting as non-maintained)
AT – autotest
PT – manual test button
RU – Rubic UNA central monitoring
RW – RUBIC UNA Wireless 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-EN 60598-2-22

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

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EMERGENCY LIGHTING

EMERGENCY ESCAPE LIGHTING

SELF-CONTAINED CONFIGURATION

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

* power in emergency mode

OUTPUT IN EMERGENCY MODE

POWER	OUTPUT [lm]				
	AXNR	AXNU	AXNO	AXNC	AXNA
BASIC					
1W	140	140	135	140	130
STANDARD					
1W	140	140	135	140	130
2W	240	250	235	240	240
3W	350	360	325	330	345
PREMIUM					
1W	150	150	145	150	140
2W	260	270	250	260	260
3W	370	390	350	360	380
6W	600	620	590	600	580

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

POWER	OUTPUT [lm]				
	AXNR	AXNU	AXNO	AXNC	AXNA
1W	150	150	145	150	140
2W	260	270	250	260	260
3W	370	390	350	360	380
6W	600	620	590	600	580

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
	6W	Z	CB	ADE	ADP	WH	GR	BL

OUTPUT IN EMERGENCY MODE

POWER	OUTPUT [lm]				
	AXNR	AXNU	AXNO	AXNC	AXNA
1W	150	150	145	150	140
2W	260	270	250	260	260
3W	370	390	350	360	380
6W	600	620	590	600	580

FZLV SYSTEM CONFIGURATION

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

Code of IP42 version are indicated in the legend

OUTPUT IN EMERGENCY MODE

POWER	OUTPUT [lm]				
	AXNR	AXNU	AXNO	AXNC	AXNA
1W	150	150	145	150	140
2W	260	270	250	260	260
3W	370	390	350	360	380

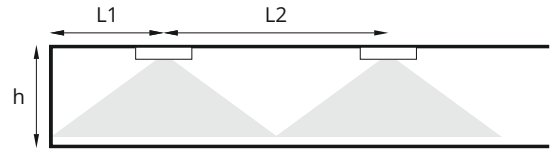
Output in emergency mode of AXN IP42 is the same like AXN IP65.

LEGEND:

AXNR – fixture AXN IP65 with optics for escape route
AXNU – fixture AXN IP65 with universal optics
AXNO – fixture AXN IP65 with optics for open area
AXNC – fixture AXN IP65 with optics for corridor
AXNA – fixture AXN IP65 with asymmetric optics optics
AXENR – fixture AXN IP42 with optics for escape route
AXENU – fixture AXN IP42 with universal optics
AXENO – fixture AXN IP42 with optics for open area
AXENC – fixture AXN IP42 with optics for corridor
AXENA – fixture AXN IP42 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
RW – RUBIC UNA Wireless 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

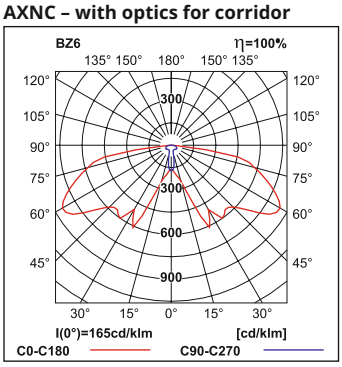
INFORMATION FOR READERS

Photometry of AXN – AXNC, AXNR, AXNO, AXNU, AXNA



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

AXNC – with optics for corridor



AXNC 1W (150lm) min.1lx

h [m]	L1	L2
2,50	5,5	15,0
3,00	5,5	16,0
3,50	6,0	16,0
4,00	6,0	16,5
4,50	5,5	16,0
5,00	5,0	16,0
6,00	5,0	13,0

AXNC 2W (260lm) min. 1lx

h [m]	L1	L2
2,5	7,0	17,0
3,0	7,5	18,0
3,5	8,0	19,0
4,0	8,5	20,5
5,0	9,0	22,0
6,0	9,0	23,5
7,0	8,0	22,5
8,0	7,5	15,5
9,0	7,0	13,5
10,0	7,5	11,5
11,0	7,5	10,0
12,0	7,0	8,5

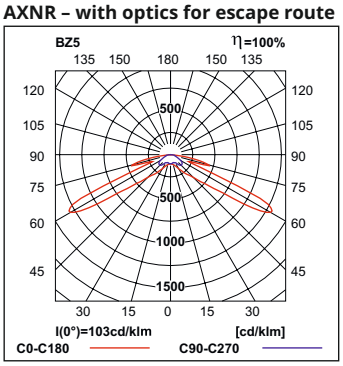
AXNC 3W (360lm) min.1lx

h [m]	L1	L2
2,50	8,0	19,0
3,00	8,0	20,0
3,50	8,5	21,0
4,00	9,0	22,5
4,50	9,5	24,0
5,00	10	25,0
6,00	10,5	26,0
7,00	10,0	27,0
8,00	9,5	27,0
9,00	9,0	21,0
10,00	8,5	17,0

AXNC 6W (600lm) min.1lx

h [m]	L1	L2
2,50	10,0	23,0
3,00	10,5	25,0
3,50	11,0	27,0
4,00	11,0	28,5
4,50	11,5	29,5
5,00	12,0	30,5
6,00	12,5	32,0
7,00	12,5	34,0
8,00	13,0	35,0
9,00	13,0	36,0
10,00	12,5	37,0

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

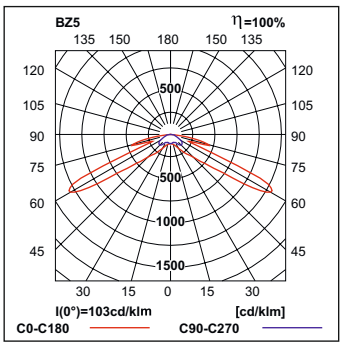
AXNR 3W (370lm) min. 1lx

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

AXNO –with optics for opean area



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

h [m]	L1	L2
2,50	2,5	14,0
3,00	2,0	13,5
3,50	2,0	13,5
4,00	2,0	13,0
4,50	1,5	12,5
5,00	1,5	12,5
6,00	1,5	12,0

AXNO 2W (250lm) min. 0,5lx

h [m]	L1	L2
2,5	3,5	14,0
3,0	2,5	13,5
3,5	2,0	13,5
4,0	2,5	13,0
5,0	2,0	12,5
6,0	2,0	12,5
7,0	2,0	12,0
8,0	2,0	2,0
9,0	2,0	1,5
10,0	2,0	1,5
11,0	1,5	1,5

AXNO 3W (350lm) min.0,5lx

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

AXNO 6W (590lm) min.0,5lx

h [m]	L1	L2
2,50	6,0	19,5
3,00	6,0	20,0
3,50	6,5	22,0
4,00	6,0	23,0
4,50	5,5	24,0
5,00	5,0	25,0
6,00	4,0	26,0
7,00	4,0	26,5
8,00	4,0	26,5
9,00	4,0	26,5
10,00	4,0	26,0