

AXN

awex
EMERGENCY LIGHTING



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP65

IK08



Ni-Cd

LiFePO₄



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, LiFePO₄ 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

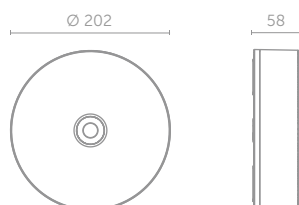
OPTIONS

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	1W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL	
	AXNU	2W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL	
	AXNC	3W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL	
	AXNA													
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

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	

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	

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

LEGEND:

AXNR	fixture AXN with optics for escape route	F	electronic gear for central battery fittings	FZLV	central battery FZLV 24 VDC
AXNU	fixture AXN with universal optics	Z	electronic gear for addressable central battery fittings	FZLV2	central battery FZLV II 48 VDC
AXNO	fixture AXN with optics for open area	SE	non maintained	CB	central battery version
AXNC	fixture AXN with optics for corridor	SA	maintained	CBS	central battery for circuit monitoring
AXNA	fixture AXN with asymmetric optics optics	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	WH	white color
		RU	Rubic UNA central monitoring	GR	grey color
		RW	Rubic UNA Wireless central monitoring	BL	black color
		RD	DALI central monitoring		

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

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	

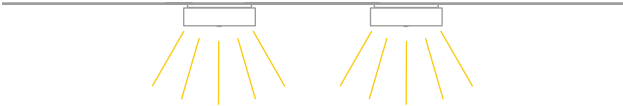
OUTPUT IN EMERGENCY MODE [lm]

	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	

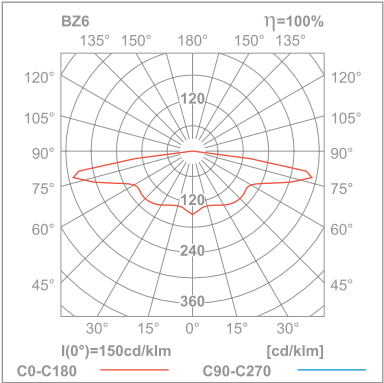
OUTPUT IN EMERGENCY MODE [lm]

	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	

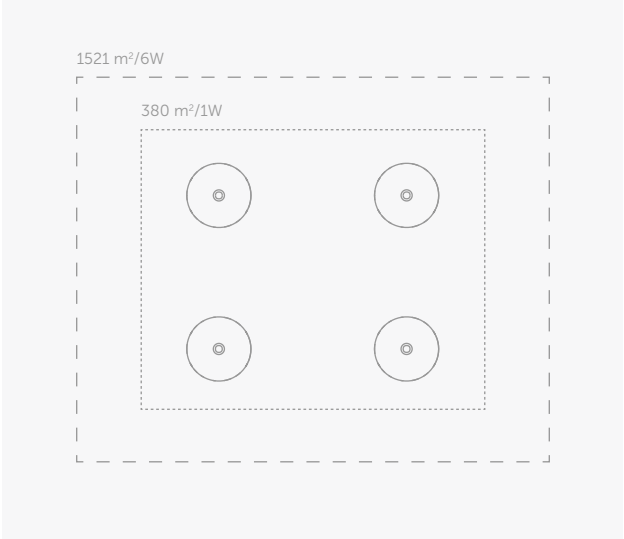
AXN EXAMPLE OF PHOTOMETRY



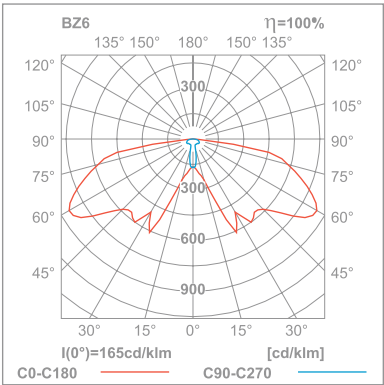
Optic O for open area



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



Optic C for corridor



simulation for two luminaires and min 1 lx (distance)



