

# AXN

awex  
EMERGENCY LIGHTING



AC  
220-240V  
50-60Hz

DC  
176-275V

DC  
24V

DC  
48V

LED

IP65

IK08

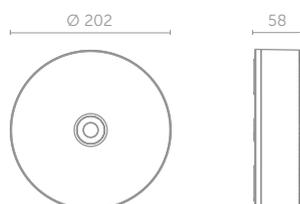


KM 618355  
BS-EN 60598-2-22



<b>MATERIALS</b>	White, grey or black polycarbonate body
<b>MOUNTING</b>	Surface
<b>POWER SUPPLY</b>	Self contained – 220 - 240VAC/50 - 60Hz Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC Central battery FZLV II – 48VDC Central battery FZLV – 24VDC
<b>LIGHT SOURCE</b>	1W, 2W, 3W, 4W, 6W LED <b>Optics:</b> A – asymmetric • O – open area • U – universal • R – escape route • C – corridor <b>Colour temperature:</b> 6000K <b>Lifetime:</b> 50000h
<b>CHARGING</b>	<b>Standard:</b> max. 24h <b>Premium:</b> max. 12h; energy-saving electronic charger
<b>AUTONOMY AND BATTERIES</b>	<b>Standard:</b> 1h or 3h, Ni-Cd 3,6V batteries <b>Premium:</b> 1h or 3h, LiFePO <sub>4</sub> 6,4V batteries
<b>INSULATION CLASS</b>	II or III
<b>IP &amp; IK RATING</b>	IP65, IK08
<b>AMBIENT TEMPERATURE</b>	<b>Self-contained:</b> t <sub>a</sub> : 0°C ÷ 40°C • t <sub>a</sub> : -25°C ÷ 40°C – together with heater for low temperatures <b>Central battery:</b> t <sub>a</sub> : -25°C ÷ 50°C
<b>OPTIONS</b>	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
<b>ADDITIONAL INFORMATION</b>	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	
	AXNO AXNC AXNA	3W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL	
PREMIUM		1W	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL
	AXNR	2W	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL
	AXNU	3W	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL
	AXNC AXNA	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

**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

**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 [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	

**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

**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	

**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

**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	

**LEGEND:**

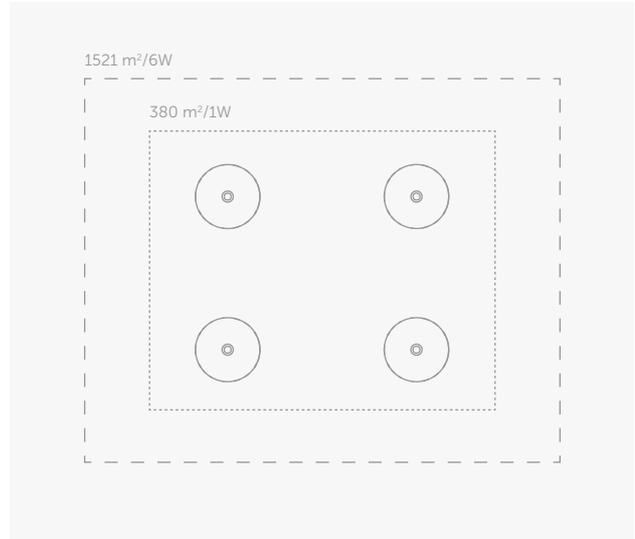
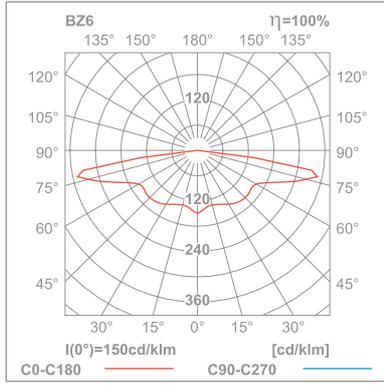
AXNR	fixture AXN with optics for escape route	F	electronic gear for central battery fittings	FZLV	central battery FZLV 24 VDC
AXNU	fixture AXN with universal optics	Z	electronic gear for addressable central battery fittings	FZLV2	central battery FZLV II 48 VDC
AXNO	fixture AXN with optics for open area	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	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		

**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)

