AXN

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP65

IK08

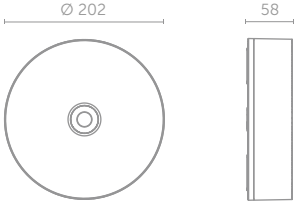
Ni-Cd

$LiFePO_4$

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, $LiFePO_4$ 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 AXNU AXNO AXNC AXNA	1W	E C	1	3	SE	SA	PT	AT	X		WH	GR	BL
		2W	E C	1	3	SE	SA	PT	AT	X		WH	GR	BL
		3W	E C	1	3	SE	SA	PT	AT	X		WH	GR	BL
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

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

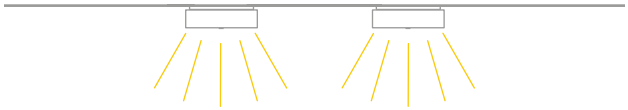
OUTPUT IN EMERGENCY MODE [lm]

	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

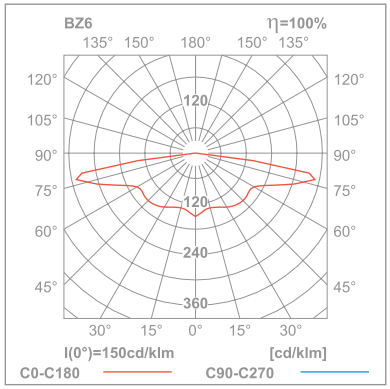
LEGEND:

AXNR	fixture AXN with optics for escape route
AXNU	fixture AXN with universal optics
AXNO	fixture AXN with optics for open area
AXNC	fixture AXN with optics for corridor
AXNA	fixture AXN with asymmetric optics optics
E, 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
PT	manual test button
X	fitting without additional options
AT	autotest
RU	Rubic UNA central monitoring
RW	Rubic UNA Wireless central monitoring
RD	DALI central monitoring
FZLV	central battery FZLV 24 VDC
FZLV2	central battery FZLV II 48 VDC
CB	central battery version
CBS	central battery for circuit monitoring
ADP	address module for CBS 1.0 – SMART technology
ADE	address module for CBS 2.0 – SMART technology
WH	white color
GR	grey color
BL	black color

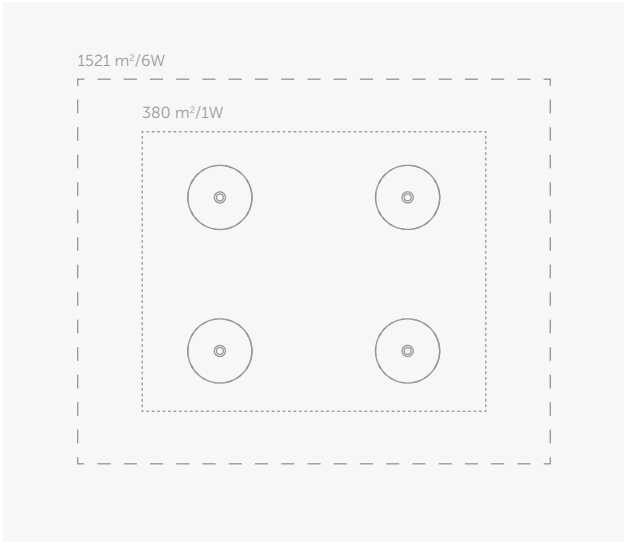
AXN EXAMPLE OF PHOTOMETRY



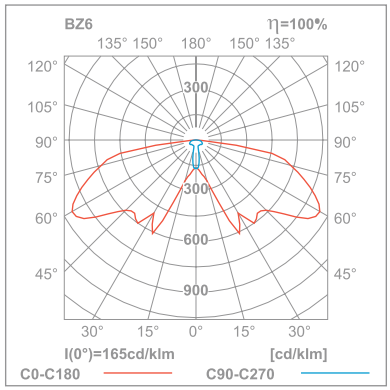
Optic O for open area



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



Optic C for corridor



simulation for two luminaires and min 1 lx (distance)