

AXP

awex
EMERGENCY LIGHTING



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP20

IK08



KM 618355
BS-EN 60598-2-22



MATERIALS

White, grey or black polycarbonate body

MOUNTING

Recessed

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

IP20, IK08

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C **Central battery:** t_a: 0°C ÷ 50°C

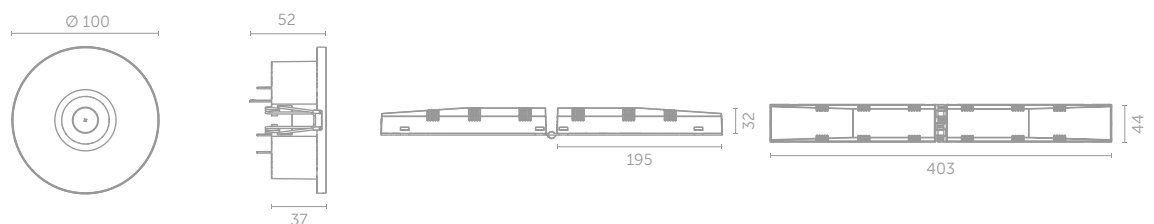
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • RU – Rubic UNA 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 • III class of insulation of FZLV and FZLV II version • Electronic gear and battery package installed in a separate box

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE			OPTIONS		COLOR		
				1	3	SE	SA	AT	X	WH	GR	BL	
STANDARD	AXEPR	1W	E C	1	3	SE	SA	AT	X	WH	GR	BL	
	AXEPU	2W	E C	1	3	SE	SA	AT	X	WH	GR	BL	
	AXEPC AXEPA	3W	E C	1	3	SE	SA	AT	X	WH	GR	BL	
PREMIUM		1W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL
	AXEPR	2W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL
	AXEPU	3W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL
	AXEPC	4W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL
	AXEPA	6W*	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL

* power in emergency mode

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
				CBS	X	WH	GR	BL
AXEPR AXEPU AXEPO AXEPC AXEPA	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		
				ADE	ADP	WH	GR	BL
AXEPR AXEPU AXEPO AXEPC AXEPA	1W	Z	CB	ADE <td>ADP</td> <td>WH</td> <td>GR</td> <td>BL</td>	ADP	WH	GR	BL
	2W	Z	CB	ADE <td>ADP</td> <td>WH</td> <td>GR</td> <td>BL</td>	ADP	WH	GR	BL
	3W	Z	CB	ADE <td>ADP</td> <td>WH</td> <td>GR</td> <td>BL</td>	ADP	WH	GR	BL
	4W	Z	CB	ADE <td></td> <td>WH</td> <td>GR</td> <td>BL</td>		WH	GR	BL
	6W	Z	CB	ADE <td>ADP</td> <td>WH</td> <td>GR</td> <td>BL</td>	ADP	WH	GR	BL

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR		
		FZLV	FZLV2	WH	GR	BL
AXEPR AXEPU AXEPO AXEPC AXEPA	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:

AXEPR fixture AXP with optics for escape route
 AXEPU fixture AXP with universal optics
 AXEPO fixture AXP with optics for open area
 AXEPC fixture AXP with optics for corridor
 AXEPA fixture AXP with asymmetric 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
 X fitting without additional options
 AT autotest
 RU Rubic UNA central monitoring
 RD DALI central monitoring
 FZLV central battery FZLV 24 VDC
 FZLV2 central battery FZLV II 48 VDC
 CB central battery version

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]					
	POWER	AXEPR	AXEPU	AXEPO	AXEPC	AXEPA
STANDARD	1W	180	180	180	180	175
	2W	290	300	290	290	290
	3W	400	410	405	400	405
PREMIUM	1W	190	190	190	190	185
	2W	340	350	340	340	340
	3W	460	460	460	460	460
	4W	550	550	550	550	550
	6W	785	800	775	785	765

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]					
	POWER	AXEPR	AXEPU	AXEPO	AXEPC	AXEPA
AXEPR AXEPU AXEPO AXEPC AXEPA	1W	190	190	190	190	185
	2W	340	350	340	340	340
	3W	460	460	460	460	460
	6W	785	800	775	785	765

OUTPUT IN EMERGENCY MODE [lm]

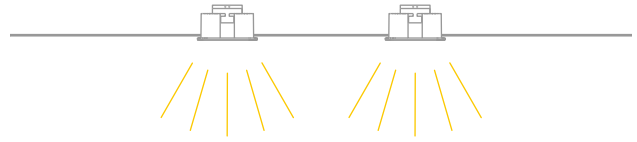
	OUTPUT [lm]					
	POWER	AXEPR	AXEPU	AXEPO	AXEPC	AXEPA
AXEPR AXEPU AXEPO AXEPC AXEPA	1W	190	190	190	190	185
	2W	340	350	340	340	340
	3W	460	460	460	460	460
	4W	550	550	550	550	550
	6W	785	800	775	785	765

OUTPUT IN EMERGENCY MODE [lm]

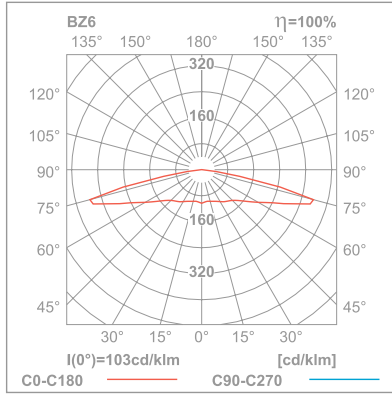
	OUTPUT [lm]					
	POWER	AXEPR	AXEPU	AXEPO	AXEPC	AXEPA
AXEPR AXEPU AXEPO AXEPC AXEPA	1W	190	190	190	190	185
	2W	340	350	340	340	340
	3W	460	460	460	460	460
	4W	550	550	550	550	550
	6W	785	800	775	785	765

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

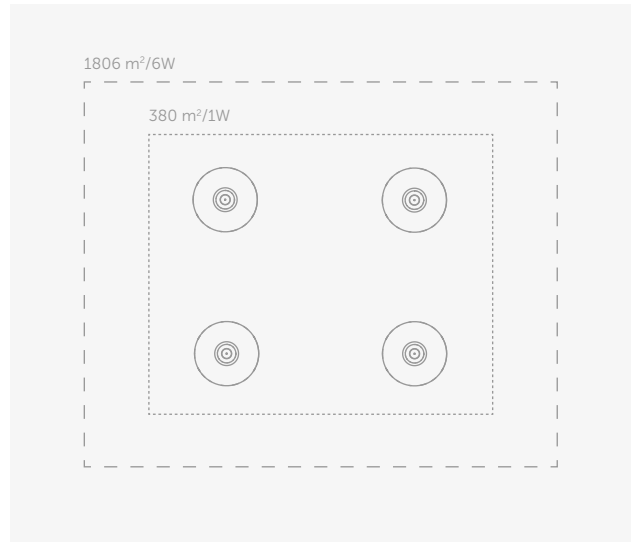
AXP EXAMPLE OF PHOTOMETRY



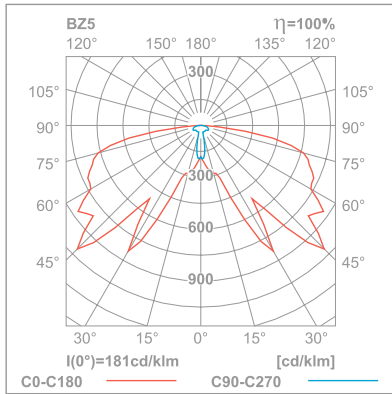
Optic O for open area



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



Optic C for corridor



simulation for two luminaires and min 1 lx (distance)



