

# ARROW P

**awex**  
EMERGENCY LIGHTING



**AC**  
220-240V  
50-60Hz

**DC**  
176-275V

**DC**  
24V

**DC**  
48V

**LED**

**IP40**

**IK08**



KM 618355  
BS-EN 60598-2-22



<b>MATERIALS</b>	White, grey or black polycarbonate body • Transparent polycarbonate cover
<b>MOUNTING</b>	Recessed
<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, 3x1W LED <b>Optics:</b> S – without optics • O – open area • C – escape route <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>	IP40, IK08
<b>AMBIENT TEMPERATURE</b>	<b>Self-contained:</b> t <sub>2</sub> : 0°C ÷ 40°C <b>Central battery:</b> t <sub>2</sub> : 0°C ÷ 50°C
<b>OPTIONS</b>	SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA 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 • III class of insulation of FZLV and FZLV2 version
<b>DIMENSIONS [mm]</b>	



**SELF-CONTAINED CONFIGURATION**

	CODE	POWER	MODULE	AUTONOMY [h]		MODE			OPTIONS			COLOR		
				1	3	SE	SA	PT	AT	X	WH	GR	BL	
STANDARD	ARPS	1W	E C	1	3	SE	SA	PT	AT	X	WH	GR	BL	
		2W	E C	1		SE	SA	PT	AT	X	WH	GR	BL	
	ARPO ARPC	3x1W	E C	1		SE	SA	PT	AT	X	WH	GR	BL	
PREMIUM	ARPS	1W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL	
		2W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL	
		3W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL	
	ARPO ARPC	3x1W	B	1	3	SE	SA	AT	RU	RD	WH	GR	BL	

**OUTPUT IN EMERGENCY MODE [lm]**

	OUTPUT [lm]			
	POWER	ARPS	ARPO	ARPC
STANDARD	1W	155	X	X
	2W	235	X	X
	3x1W	X	325	325
PREMIUM	1W	165	X	X
	2W	290	X	X
	3W	365	X	X
	3x1W	X	395	395

**CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE**

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
				CBS	X	WH	GR	BL
ARPS	1W	F	CB	CBS	X	WH	GR	BL
	2W	F	CB	CBS	X	WH	GR	BL
	3W	F	CB	CBS	X	WH	GR	BL
ARPO ARPC	3x1W	F	CB	CBS	X	WH	GR	BL

**OUTPUT IN EMERGENCY MODE [lm]**

POWER	OUTPUT [lm]		
	ARPS	ARPO	ARPC
1W	165	X	X
2W	290	X	X
3W	395	X	X
3x1W	X	395	395

**CENTRAL BATTERY CONFIGURATION – ADDRESSABLE**

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
				ADE	ADP	WH	GR	BL
ARPS	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
ARPO ARPC	3x1W	Z	CB	ADE <td>ADP</td> <td>WH</td> <td>GR</td> <td>BL</td>	ADP	WH	GR	BL

**OUTPUT IN EMERGENCY MODE [lm]**

POWER	OUTPUT [lm]		
	ARPS	ARPO	ARPC
1W	165	X	X
2W	290	X	X
3W	395	X	X
3x1W	X	395	395

**FZLV SYSTEM CONFIGURATION**

CODE	POWER	SYSTEM	COLOR			
			WH	GR	BL	
ARPS	1W	FZLV	FZLV2	WH	GR	BL
	2W	FZLV	FZLV2	WH	GR	BL
	3W	FZLV	FZLV2	WH	GR	BL
ARPO ARPC	3x1W	FZLV	FZLV2	WH	GR	BL

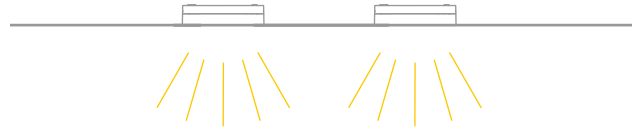
**OUTPUT IN EMERGENCY MODE [lm]**

POWER	OUTPUT [lm]		
	ARPS	ARPO	ARPC
1W	165	X	X
2W	290	X	X
3W	395	X	X
3x1W	X	395	395

**LEGEND:**

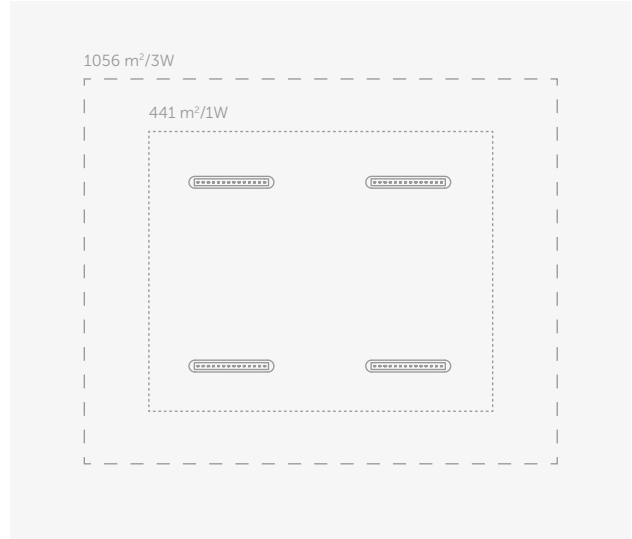
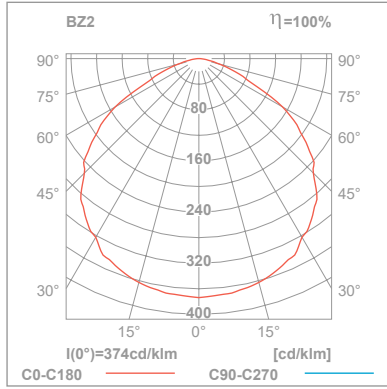
ARPS	fixture ARROW P without optics	Z	electronic gear for addressable central battery fittings	CB	central battery version
ARPO	fixture ARROW P with optics for open area	SE	non maintained	CBS	central battery for circuit monitoring
ARPC	fixture ARROW P with optics for escape route	SA	maintained	ADP	address module for CBS 1.0 – SMART technology
E, C	electronic gear for STANDARD self-contained fittings	PT	manual test button	ADE	address module for CBS 2.0 – SMART technology
B	electronic gear for PREMIUM self-contained fittings	X	fitting without additional options	WH	white color
F	electronic gear for central battery fittings	AT	autotest	GR	grey color
		RU	Rubic UNA central monitoring	BL	black color
		RD	DALI central monitoring		
		FZLV	central battery FZLV 24 VDC		
		FZLV2	central battery FZLV II 48 VDC		

**ARROW P EXAMPLE OF PHOTOMETRY**



Optic O for open area

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



Optic C for escape route

simulation for two luminaires and min 1 lx (distance)

