

# ARROW N

**awex**  
EMERGENCY LIGHTING



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

**DC**  
176-275V

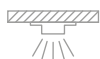
**DC**  
24V

**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>	Surface • Surface on a rope sling <sup>(1)</sup>
<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>a</sub> : 0°C ÷ 40°C <b>Central battery:</b> t <sub>a</sub> : 0°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 • III class of insulation of FZLV and FZLV2 version • <sup>(1)</sup> see accessory for mounting on a rope sling
<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	ARNS	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	
	ARNO ARNC	3x1W	E C	1		SE	SA	PT	AT	X	WH	GR	BL	
PREMIUM	ARNS	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
	ARNO ARNC	3x1W	B	1	3	SE	SA	AT	RU	RW	RD	WH	GR	BL

## OUTPUT IN EMERGENCY MODE [lm]

	POWER	OUTPUT [lm]		
		ARNS	ARNO	ARNC
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
ARNS	1W	F	CB	CBS X	WH GR BL
	2W	F	CB	CBS X	WH GR BL
	3W	F	CB	CBS X	WH GR BL
ARNO ARNC	3x1W	F	CB	CBS X	WH GR BL

## OUTPUT IN EMERGENCY MODE [lm]

	POWER	OUTPUT [lm]		
		ARNS	ARNO	ARNC
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
ARNS	1W	Z	CB	ADE ADP	WH GR BL
	2W	Z	CB	ADE ADP	WH GR BL
	3W	Z	CB	ADE ADP	WH GR BL
ARNO ARNC	3x1W	Z	CB	ADE ADP	WH GR BL

## OUTPUT IN EMERGENCY MODE [lm]

	POWER	OUTPUT [lm]		
		ARNS	ARNO	ARNC
1W	165	X	X	
2W	290	X	X	
3W	395	X	X	
3x1W	X	395	395	

## FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM	COLOR
ARNS	1W	FZLV FZLV2	WH GR BL
	2W	FZLV FZLV2	WH GR BL
	3W	FZLV FZLV2	WH GR BL
ARNO ARNC	3x1W	FZLV FZLV2	WH GR BL

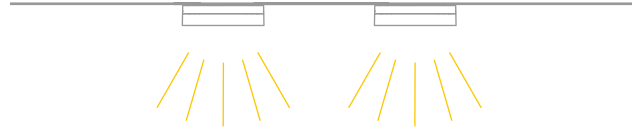
## OUTPUT IN EMERGENCY MODE [lm]

	POWER	OUTPUT [lm]		
		ARNS	ARNO	ARNC
1W	165	X	X	
2W	290	X	X	
3W	395	X	X	
3x1W	X	395	395	

## LEGEND:

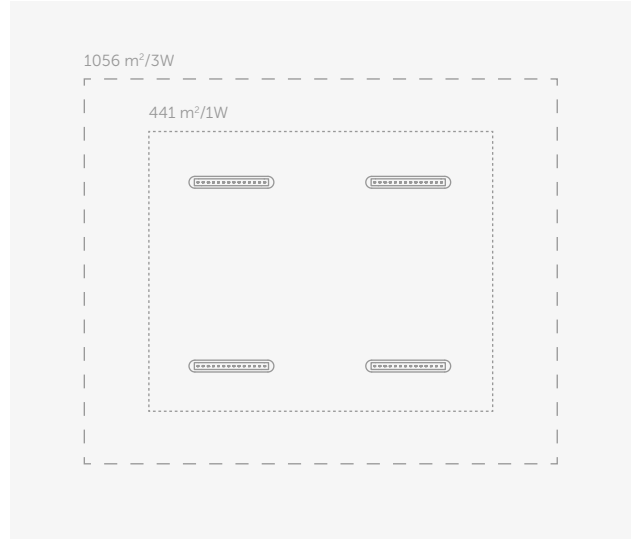
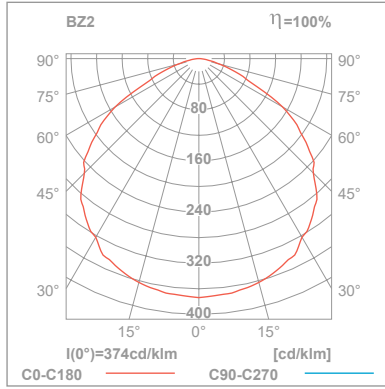
ARNS	fixture ARROW N without optics	Z	electronic gear for addressable central battery fittings	FZLV	central battery FZLV 24 VDC
ARNO	fixture ARROW N with optics for open area	SE	non maintained	FZLV2	central battery FZLV II 48 VDC
ARNC	fixture ARROW N with optics for escape route	SA	maintained	CB	central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

**ARROW N 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)

