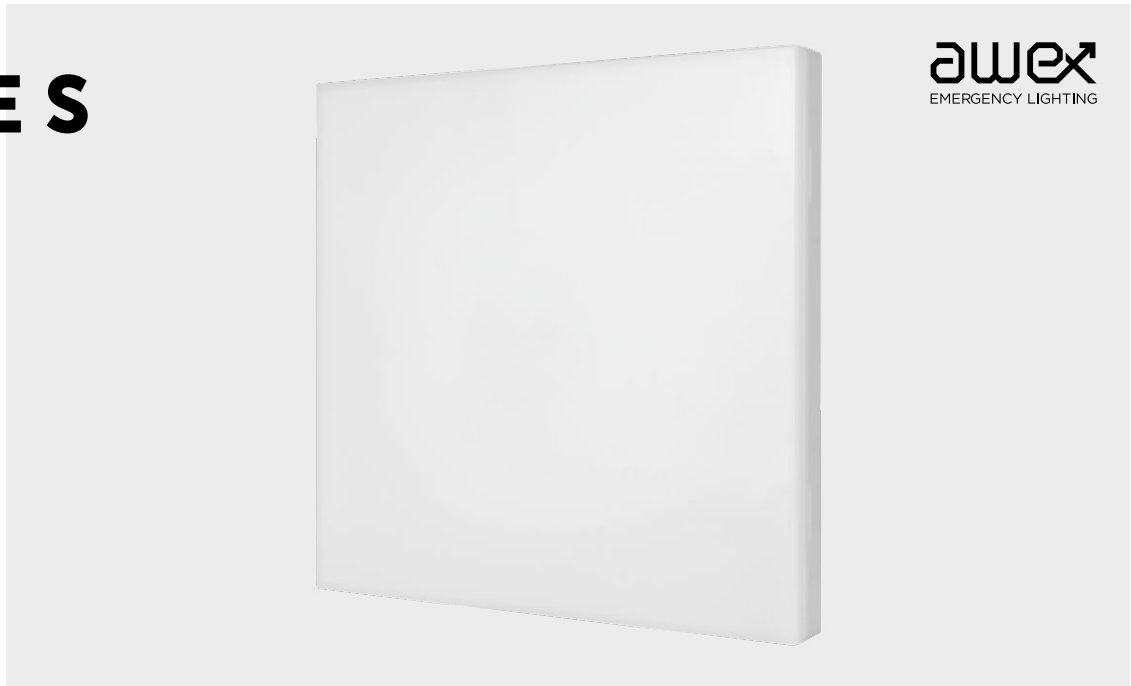


# EDGE S

**awex**  
EMERGENCY LIGHTING



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

**DC**  
176-275V

**DC**  
24V

**DC**  
48V

**LED**

**IP54**

**IK08**



## MATERIALS

White polycarbonate body • Opal polycarbonate cover

## MOUNTING

Surface • Optionally recessed<sup>(1)</sup>

## 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 - MAINS MODE

**Power:** 12W, 18W, 24W LED  
**Colour temperature:** 3000K, 4000K, 6000K  
**Lifetime:** 50000h

## LIGHT SOURCE - EMERGENCY MODE

**Power:** 1W, 3W LED  
**Colour temperature:** 6500K

## 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<sub>4</sub> 6,4V batteries

## INSULATION CLASS

II

## IP & IK RATING

IP54, 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:**  $t_a$ : 0°C ÷ 50°C

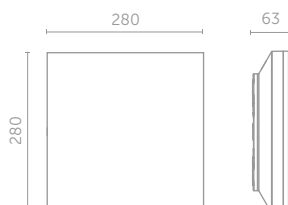
## OPTIONS

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 signals mains power supply and battery charge • Deep discharge protection  
• Optional fixtures with MCR motion sensor • Optional adaptation of the fixture for low temperatures up to -25°C with HTR 25 • <sup>(1)</sup> see accessory for recessed mounting, RW option not available

## DIMENSIONS [mm]



## MAINS MODE CONFIGURATION

CODE	DETECTION		COLOR TEMPERATURE (K)	
	WH	WS	3000	4000
EDSE12	WH	WS	3000	4000
EDSE18	WH	WS	3000	4000
EDSE24	WH	WS	3000	4000

## SELF-CONTAINED CONFIGURATION

	CODE	POWER*	MODULE	AUTONOMY [h]		MODE		OPTIONS			DETECTION		COLOR TEMPERATURE (K)		
				1	3	SE	SA	PT	AT	X	WH	WS	3000	4000	
STANDARD	EDSE12 EDSE18 EDSE24	1W	E C	1	3	SE	SA	PT	AT	X	WH	WS	3000	4000	
PREMIUM	EDSE12 EDSE18 EDSE24	3W	B	1	3	SE	SA	AT	RU	RW	RD	WH	WS	3000	4000

## OUTPUT IN MAINS MODE [lm]

CODE	OUTPUT [lm]	
	3000K	4000K
EDSE12	1500	1600
EDSE18	2360	2480
EDSE24	2780	2950

## OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]	
	POWER*	
STANDARD	1W	135
PREMIUM	3W	380

## CENTRAL BATTERY CONFIGURATION – NON-ADDRESSABLE

CODE	POWER*	MODULE	SYSTEM	OPTIONS		DETECTION		COLOR TEMPERATURE (K)	
				CBS	X	WH	WS	3000	4000
EDSE12	1W	F	CB	CBS	X	WH	WS	3000	4000
EDSE18	3W	F	CB	CBS	X	WH	WS	3000	4000
EDSE24	12W	X	CB	CBS	X	WH	WS	3000	4000
EDSE12	18W	X	CB	CBS	X	WH	WS	3000	4000
EDSE18	24W	X	CB	CBS	X	WH	WS	3000	4000
EDSE24									

## OUTPUT IN EMERGENCY MODE [lm]

POWER*	OUTPUT [lm]		
	3000K	4000K	6500K
1W	X	X	145
3W	X	X	380
12W	1500	1600	X
18W	2360	2480	X
24W	2780	2950	X

## CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER*	MODULE	SYSTEM	OPTIONS		DETECTION		COLOR TEMPERATURE (K)	
				ADP	ADE	WH	WS	3000	4000
EDSE12	1W	Z	CB	ADP	ADE	WH	WS	3000	4000
EDSE18	3W	Z	CB	ADP	ADE	WH	WS	3000	4000
EDSE24	12W	X	CB	ADS	ADN	WH	WS	3000	4000
EDSE12	18W	X	CB	ADS	ADN	WH	WS	3000	4000
EDSE18	24W	X	CB	ADS	ADN	WH	WS	3000	4000
EDSE24									

## OUTPUT IN EMERGENCY MODE [lm]

POWER*	OUTPUT [lm]		
	3000K	4000K	6500K
1W	X	X	145
3W	X	X	380
12W	1500	1600	X
18W	2360	2480	X
24W	2780	2950	X

## FZLV SYSTEM CONFIGURATION

CODE	POWER*	SYSTEM		DETECTION		COLOR	
		FZLV	FZLV2	WH	WS	3000	4000
EDSE12	1W	FZLV	FZLV2	WH	WS	3000	4000
EDSE18	3W	FZLV	FZLV2	WH	WS	3000	4000
EDSE24							

## OUTPUT IN EMERGENCY MODE [lm]

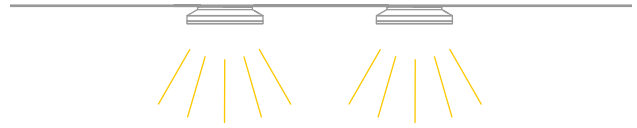
POWER*	OUTPUT [lm]		
	3000K	4000K	6500K
1W	X	X	145
3W	X	X	380

\* – power in emergency mode

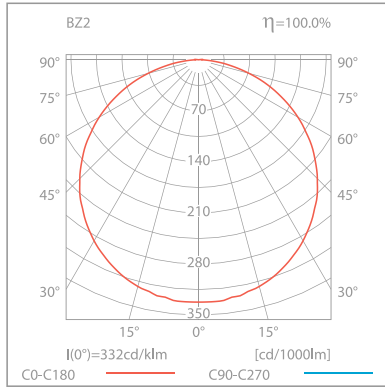
## LEGEND:

EDSE12	fitting EDGE S 12W in maintained mode	SE	LED emergency section - non maintained	CB	central battery version
EDSE18	fitting EDGE S 18W in maintained mode	SA	LED emergency section - maintained (night mode)	CBS	central battery for circuit monitoring
EDSE24	fitting EDGE S 24W in maintained mode	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	ADN	address module for CBS 2.0 – SMART technology
F	electronic gear for central battery fittings	RU	Rubic UNA central monitoring	ADS	address module for CBS 1.0 – SMART technology
Z	electronic gear for addressable central battery fittings	RW	Rubic UNA Wireless central monitoring	WH	fitting without motion sensor MCR
		RD	DALI central monitoring	WS	fitting with motion sensor MCR
		FZLV	central battery FZLV 24 VDC		
		FZLV2	central battery FZLV II 48 VDC		

**EDGE S EXAMPLE OF PHOTOMETRY**



Optic for open area



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

