

**EMERGENCY ESCAPE LIGHTING**

**EDGE R**

**MATERIALS:**

White polycarbonate body  
Opal polycarbonate cover

**MOUNTING:**

Surface (wall, ceiling)  
Optionally pendant\* (ceiling)

**POWER SUPPLY:**

Self contained – 220÷240VAC/50÷60Hz  
Central battery – 220÷240VAC/50÷60Hz; 176 - 275VDC

**LIGHT SOURCE - MAINS MODE:**

Power: 12W, 18W, 24W LED  
Color Temperature: 3000K, 4000K

**LIGHT SOURCE - EMERGENCY MODE:**

Power: 1W, 3W LED  
Color Temperature: 6500K

**CHARGING:**

BASIC: max. 24h  
PREMIUM: max. 12h; energy-saving electronic charger

**AUTONOMY AND BATTERIES:**

BASIC: 1h or 3h, Ni-Cd 3,6V batteries  
PREMIUM: 1h or 3h, LiFePO4 6,4V batteries

**INSULATION CLASS:**

II

**IP RATING:**

IP54

**AMBIENT TEMPERATURE:**

Self-contained:

$t_a$ : 0°C÷40°C

CB:

$t_a$ : 0°C ÷ 50°C

**OPTIONS:**

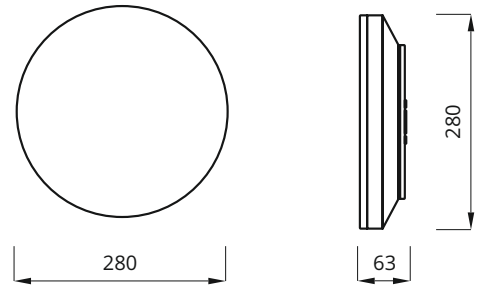
- SE – LED emergency section - non maintained
- SA – LED emergency section - maintained (night mode)
- AT – autotest
- PT – manual test button
- RU – Rubic UNA central monitoring
- RW – RUBIC UNA Wireless central monitoring
- CB – central battery

**ADDITIONAL INFORMATION:**

LED indicator signalizes mains power supply and battery charging  
Deep discharge protection  
Color Temperature in emergency mode: 6500K  
Optional fixtures with MCR motion sensor  
\*requires an accessory for pendant mounting



**DIMENSIONS (mm):**



220-240V AC 50-60Hz	176-275V DC	LED	IP54		
	CE	Ni-Cd 	LiFePO <sub>4</sub> 		

# EMERGENCY ESCAPE LIGHTING

## MAINS MODE CONFIGURATION

CODE	DETECTION		COLOR TEMPERATURE	
			3000	4000
EDRE12	WH	WS	3000	4000
EDRE18	WH	WS	3000	4000
EDRE24	WH	WS	3000	4000

## MAINS MODE

CODE	OUTPUT [lm]	
	3000K	4000K
EDRE12	1325	1425
EDRE18	2080	2235
EDRE24	2500	2690

## SELF-CONTAINED CONFIGURATION

CODE	POWER*	MODULE	AUTONOMY [h]		MODE	OPTION	DETECTION		COLOR TEMPERATURE	
			1	3			WH	WS	3000	4000
<b>BASIC</b>										
EDRE12 EDRE18 EDRE24	1W	E	1	3	SE	PT X	WH	WS	3000	4000
<b>PREMIUM</b>										
EDRE12 EDRE18 EDRE24	3W	B	1	3	SA	AT RU RW	WH	WS	3000	4000

## EMERGENCY MODE

POWER*	OUTPUT [lm]
<b>BASIC</b>	
1W	105
<b>PREMIUM</b>	
3W	315

## CENTRAL BATTERY CONFIGURATION – NON-ADDRESSABLE

CODE	POWER*	MODULE	SYSTEM	OPTION	DETECTION	COLOR TEMPERATURE	
						3000	4000
EDRE12 EDRE18 EDRE24	1W	F	CB	CBS X	WH	3000	4000
	3W	F	CB	CBS X	WH	3000	4000
EDRE12	12W	X	CB	CBS X	WH	3000	4000
EDRE18	18W	X	CB	CBS X	WH	3000	4000
EDRE24	24W	X	CB	CBS X	WH	3000	4000

## CENTRAL BATTERY MODE

POWER*	OUTPUT [lm]		
	3000K	4000K	6500K
1W	X	X	115
3W	X	X	315
12W	1325	1425	X
18W	2080	2235	X
24W	2500	2690	X

## CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER*	MODULE	SYSTEM	OPTION	DETECTION	COLOR TEMPERATURE	
						3000	4000
EDRE12 EDRE18 EDRE24	1W	Z	CB	ADP	WH WS	3000	4000
	3W	Z	CB	ADP	WH WS	3000	4000
EDRE12	12W	X	CB	ADS	WH WS	3000	4000
EDRE18	18W	X	CB	ADS	WH WS	3000	4000
EDRE24	24W	X	CB	ADS	WH WS	3000	4000

## CENTRAL BATTERY MODE

POWER*	OUTPUT [lm]		
	3000K	4000K	6500K
1W	X	X	115
3W	X	X	315
12W	1325	1425	X
18W	2080	2235	X
24W	2500	2690	X

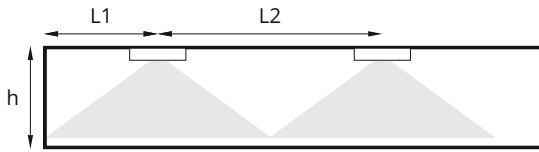
\* - power in emergency mode

### LEGEND:

- B – electronic gear for PREMIUM self-contained fittings
- E – electronic gear for BASIC self-contained fittings
- F – electronic gear for central battery fittings
- Z – electronic gear for addressable central battery fittings
- ADS – central battery with ADS address module – SMART technology
- ADP – central battery with ADP address module – SMART technology
- SE – LED emergency section - non maintained
- SA – LED emergency section - maintained (night mode)
- X – fitting without additional options
- AT – autotest
- PT – manual test button
- RU – RUBIC UNA central monitoring
- RW – RUBIC UNA Wireless central monitoring
- CB – central battery system
- CBS – central battery for circuit monitoring
- WH – fitting without motion sensor MCR
- WS – fitting with motion sensor MCR
- 3000 – LED color temperature K
- 4000 – LED color temperature K
- EDRE12 – fitting EDGE R 12W in maintained mode
- EDRE18 – fitting EDGE R 18W in maintained mode
- EDRE24 – fitting EDGE R 24W in maintained mode

**INFORMATION FOR READERS**

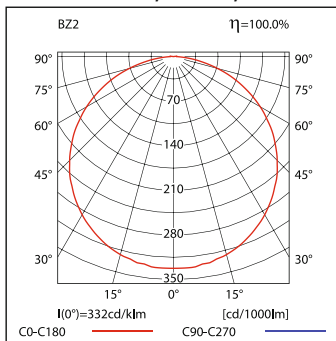
**Photometry of EDGE R – EDRE12, EDRE18, EDRE24**



L1 – distance from the wall to the first fixture  
L2 – distance between fixtures  
h – height of the ceiling



**EDGE R - EDRE12, EDRE18, EDRE24**



**EDGE R 3W (305lm) min. 0,5lx**

h [m]	L1	L2
2,5	3,5	10,5
3,0	3,5	12,0
3,5	3,5	12,5
4,0	4,0	13,5
5,0	4,0	15,0
6,0	4,0	16,0
7,0	4,5	17,0
8,0	4,5	18,0
9,0	4,5	19,0
10,0	4,0	19,5
11,0	3,5	20,0
12,0	3,5	20,0
13,0	2,5	20,5
14,0	2,0	21,0

**EDGE R 3W (305lm) min. 1lx**

h [m]	L1	L2
2,5	4,0	10,0
3,0	4,5	11,0
3,5	4,5	11,5
4,0	4,5	12,5
5,0	5,0	13,5
6,0	5,0	14,0
7,0	4,5	14,0
8,0	4,5	14,0
9,0	3,5	14,0
10,0	2,5	13,5
11,0	1,0	12,5

\*photometry of EDGE R 12W, 18W, 24W is the same