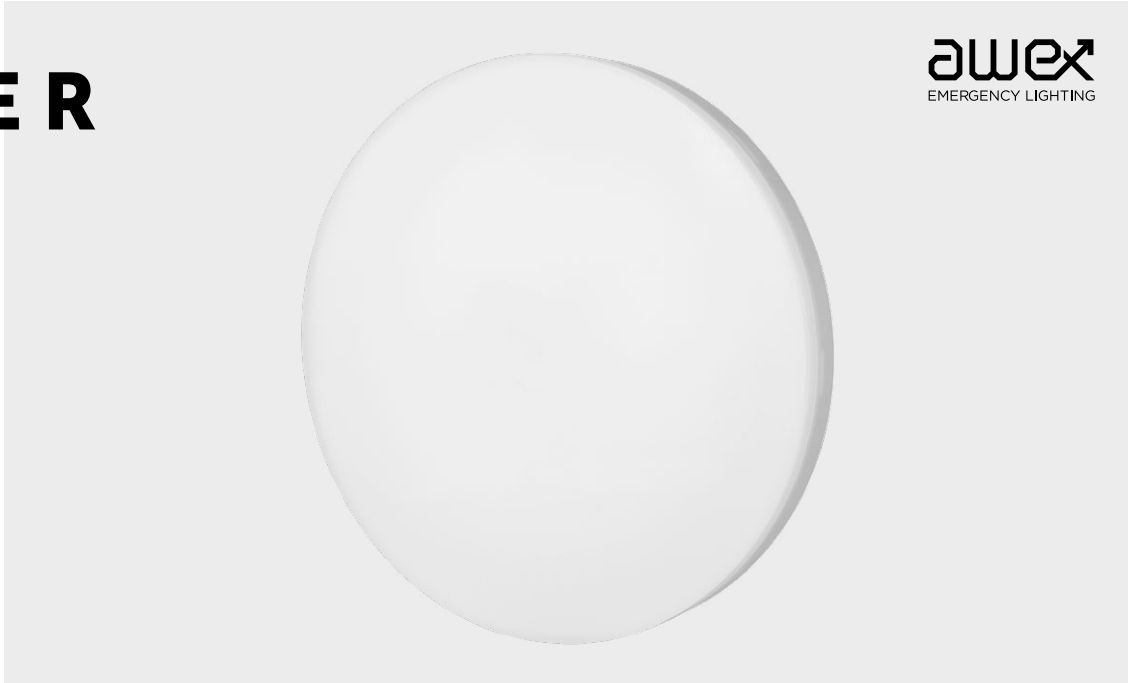


EDGE R

awex
EMERGENCY LIGHTING



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP54

IK10



MATERIALS

White polycarbonate body • Opal polycarbonate cover

MOUNTING

Surface

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, LiFePO₄ 6,4V batteries

INSULATION CLASS

II

IP & IK RATING

IP54, IK10

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C • t_s: -25°C ÷ 40°C – together with heater for low temperatures
Central battery: t_a: 0°C ÷ 50°C

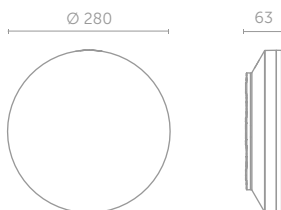
OPTIONS

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

DIMENSIONS [mm]



MAINS MODE CONFIGURATION

| CODE | DETECTION | | COLOR TEMPERATURE (K) | |
|----------------------------|-----------|----|-----------------------|------|
| | WH | WS | 3000 | 4000 |
| EDRE12 EDRE18 EDRE24 | WH | WS | 3000 | 4000 |
| | WH | WS | 3000 | 4000 |
| | 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 | EDRE12 EDRE18 EDRE24 | 1W | E C | 1 | 3 | SE | SA | PT | AT | X | WH | WS | 3000 | 4000 | |
| PREMIUM | EDRE12 EDRE18 EDRE24 | 3W | B | 1 | 3 | SE | SA | AT | RU | RW | RD | WH | WS | 3000 | 4000 |

OUTPUT IN MAINS MODE [lm]

| CODE | OUTPUT [lm] | |
|----------------------------|-------------|-------|
| | 3000K | 4000K |
| EDRE12 EDRE18 EDRE24 | 1550 | 1650 |
| | 2440 | 2600 |
| | 2860 | 3040 |

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 |
| EDRE12 EDRE18 EDRE24 | 1W | F | CB | CBS | X | WH | WS | 3000 | 4000 |
| | 3W | F | CB | CBS | X | WH | WS | 3000 | 4000 |
| | 12W | X | CB | CBS | X | WH | WS | 3000 | 4000 |
| EDRE12 EDRE18 EDRE24 | 18W | X | CB | CBS | X | WH | WS | 3000 | 4000 |
| | 24W | X | CB | CBS | X | WH | WS | 3000 | 4000 |

OUTPUT IN EMERGENCY MODE [lm]

| POWER* | OUTPUT [lm] | | |
|--------|-------------|-------|-------|
| | 3000K | 4000K | 6500K |
| 1W | X | X | 145 |
| 3W | X | X | 380 |
| 12W | 1550 | 1650 | X |
| 18W | 2440 | 2600 | X |
| 24W | 2860 | 3040 | X |

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

| CODE | POWER* | MODULE | SYSTEM | OPTIONS | | DETECTION | | COLOR TEMPERATURE (K) | |
|----------------------------|--------|--------|--------|---------|-----|-----------|----|-----------------------|------|
| | | | | ADP | ADE | WH | WS | 3000 | 4000 |
| EDRE12 EDRE18 EDRE24 | 1W | Z | CB | ADP | ADE | WH | WS | 3000 | 4000 |
| | 3W | Z | CB | ADP | ADE | WH | WS | 3000 | 4000 |
| | 12W | X | CB | ADS | ADN | WH | WS | 3000 | 4000 |
| EDRE12 EDRE18 EDRE24 | 18W | X | CB | ADS | ADN | WH | WS | 3000 | 4000 |
| | 24W | X | CB | ADS | ADN | WH | WS | 3000 | 4000 |

OUTPUT IN EMERGENCY MODE [lm]

| POWER* | OUTPUT [lm] | | |
|--------|-------------|-------|-------|
| | 3000K | 4000K | 6500K |
| 1W | X | X | 145 |
| 3W | X | X | 380 |
| 12W | 1550 | 1650 | X |
| 18W | 2440 | 2600 | X |
| 24W | 2860 | 3040 | X |

FZLV SYSTEM CONFIGURATION

| CODE | POWER* | SYSTEM | | DETECTION | | COLOR TEMPERATURE (K) | |
|----------------------------|--------|--------|-------|-----------|----|-----------------------|------|
| | | FZLV | FZLV2 | WH | WS | 3000 | 4000 |
| EDRE12 EDRE18 EDRE24 | 1W | FZLV | FZLV2 | WH | WS | 3000 | 4000 |
| | 3W | FZLV | FZLV2 | WH | WS | 3000 | 4000 |

OUTPUT IN EMERGENCY MODE [lm]

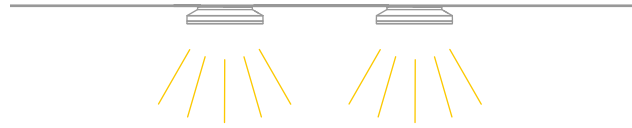
| POWER* | OUTPUT [lm] | | |
|--------|-------------|-------|-------|
| | 3000K | 4000K | 6500K |
| 1W | X | X | 145 |
| 3W | X | X | 380 |

* – power in emergency mode

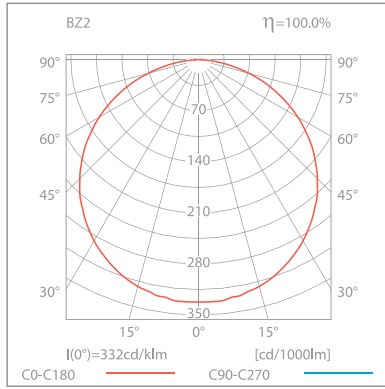
LEGEND:

| | | | | | |
|--------|--|-------|---|-----|---|
| EDRE12 | fitting EDGE R 12W in maintained mode | SE | LED emergency section - non maintained | CB | central battery version |
| EDRE18 | fitting EDGE R 18W in maintained mode | SA | LED emergency section - maintained (night mode) | CBS | central battery for circuit monitoring |
| EDRE24 | fitting EDGE R 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 R EXAMPLE OF PHOTOMETRY



Optic O for open area



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

