



Art.-Nr: EARL428SC
Safety luminaire Single Battery
Recessed mounting, SelfControl (SC), 8 h, , IP40, Zinc die-
cast, white

LED safety luminaire for surface mounting on the ceiling and illuminating escape and emergency routes in accordance with DIN EN 60598-1, DIN EN 60598-222 and DIN EN 1838.

The zinc aluminium ceiling luminaire inconspicuously adapts to the ceiling. Since the status LED is fitted in the lens, the harmony of the housing is not interrupted. The use of diffuser lenses and powerful LED ERT technology achieves optimum light distribution and escape and emergency route illumination. The innovative integrated lens holder with a rapid fitting fixture permits the flexible use of various lens types depending on the specific application.

A round lens and hall lens are supplied with every luminaire.

Automatic monitoring of safety luminaire with SelfControl. The innovative integrated lens holder with a rapid fitting fixture permits the flexible use of various lens types. Using the right lens allows the distribution of light to be matched perfectly to the application and simplifies illumination which satisfies all relevant standards. A round lens and hall lens are supplied with every luminaire, allowing it to be adapted perfectly to the respective mounting situation. Other lenses, such as a spotlight lens, beam lens or H lens, are available as options.



More information
www.rp-group.com/en/item/EARL428SC



TECHNICAL DATA

| | |
|------------------------|---|
| Luminaire type | Safety luminaire |
| Mounting | Recessed mounting |
| Pictograph | No |
| Illuminant | LED |
| Housing material | Zinc die-cast |
| Housing color | white |
| Protection type (IP) | IP40 |
| Impact resistance (IK) | ≥ 3 |
| Certification | WEEE, CE, TÜV Rheinland Type approved, ENEC |
| Insulation class | 2 |
| Supply | Single Battery |
| Monitoring | SelfControl (SC) |



| | |
|--------------------------|-------------------------------------|
| Bridging time | 8 h |
| Battery | LiFePO4 3,2V V/3,3 Ah |
| Operating mode | Standby circuit / permanent circuit |
| Input voltageAC | 230 V |
| Input frequency | 50 / 60 Hz |
| Power max. | 3 W |
| Power DS | 1,9 W |
| Power BS | 0,2 W |
| Ambient temperature DS | -5 °C to 30 °C |
| Ambient temperature BS | -5 °C to 40 °C |
| Height | 39 mm |
| Diameter | 104 mm |
| Weight | 0.37 |
| Weight incl. packaging | 0.41 |
| Connection cross-section | 2.5 mm ² |
| Switching input | Yes |
| Emergency light blocking | No |
| Battery connection | Connector |
| Dimming function | Yes |
| Luminous flux mains | 130 lm |
| Luminous flux emergency | 125 lm |
| Customs tariff number | 94056180 |
| EAN | 4260682158529 |



TECHNICAL DRAWING



ACCESSORY LIST

ILD-APA-02 - IL surface-mounted adapter

RELATED PRODUCTS

| Art.-No. | Image | Monitoring | Supply | Color | Investment | Automatic log | Maintenance level | Remote maintenance | max. luminaires | Single luminaire monitoring |
|--------------|-------|----------------------------|----------------|----------|------------|---------------|-------------------|--------------------|------------------|-----------------------------|
| EARL428SC-AZ | | SelfControl (SC) | Single battery | RAL 7016 | € | no | high | no | unlimited | itself |
| EARL428WL | | Wireless Professional (WL) | Single battery | RAL 9003 | €€ | yes | low | yes | 1,000 per system | central |
| EARL428WL-AZ | | Wireless Professional (WL) | Single battery | RAL 7016 | €€ | yes | low | yes | 1,000 per system | central |

As of: 03.06.2025 - Subject to technical changes and errors.