



SOLUTIONS IN SAFETY + LIGHTING

www.rp-group.com

## Art.-Nr: EARL421WL Emergency light Self-contained Surface mounting, 1 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 discreet 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.

Wireless central control and monitoring for large installations of up to 50,000 luminaires with [Wireless Professional](#). 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 corridor 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/](http://www.rp-group.com/en/item/)

[EARL421WL](#)



## Technical Data

Luminaire type

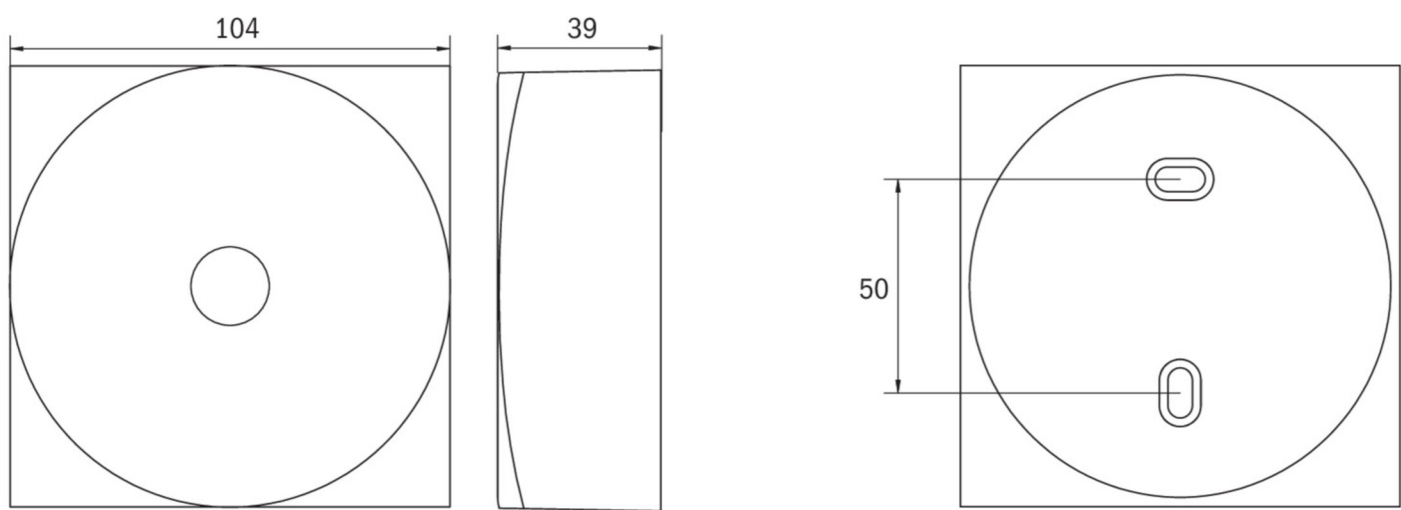
Mounting

Emergency light

Surface mounting

|                                         |                             |
|-----------------------------------------|-----------------------------|
| Pictograph                              | No                          |
| Illuminant                              | LED                         |
| Housing material                        | Zinc die-cast               |
| Housing color                           | White                       |
| Protection type (IP)                    | IP40                        |
| Impact resistance (IK)                  | ≥ 3                         |
| Certification                           | WEEE, CE, 5 years warranty  |
| Insulation class                        | 2                           |
| Supply                                  | Self-contained              |
| Monitoring                              | Wireless Professional (WL)  |
| Bridging time                           | 1 h                         |
| Battery                                 | LiFePO4 3,2V/3,3Ah          |
| Operating mode                          | Non-maintained / maintained |
| Input voltage AC                        | 230V                        |
| Input frequency                         | 50 / 60 Hz                  |
| Power max.                              | 3,4W                        |
| Power maintained                        | 2,3W                        |
| Power non-maintained                    | 0,4W                        |
| Ambient temperature maintained mode     | -5°C to 40°C                |
| Ambient temperature non-maintained mode | -5°C to 40°C                |
| Height                                  | 39mm                        |
| Diameter                                | 104mm                       |
| Weight                                  | 0.37                        |
| Weight incl. packaging                  | 0.41                        |
| Connection cross-section                | 2.5mm²                      |
| Switching input                         | Yes                         |
| Emergency light blocking                | No                          |
| Battery connection                      | Connector                   |
| Dimming function                        | Yes                         |
| Luminous flux mains                     | 130lm                       |
| Luminous flux emergency                 | 250lm                       |
| Customs tariff number                   | 94056180                    |
| GTIN                                    | 4260682158567               |

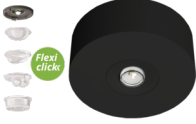
## Technical drawing



## Accessory List

ILD-APA-02 - IL surface-mounted adapter  
LSYS-B4 - Precision beam lens for accent lighting of safety devices  
LSYS-F4 - Precise corridor lens for emergency exit and corridor lighting  
LSYS-R4 - High-performance round lens for uniform emergency light distribution in open areas  
LSYS-S4 - Precision spot lens for emergency lighting in large areas and high ceilings  
LFPN3233.01 - LiFePO4 Battery

## Related Products

| Art.-No.     | Image                                                                               | Monitoring                 | Supply         | Color    | Investment | Automatic log | Maintenance level | Remote maintenance | max. luminaires  | Single luminaire mo |
|--------------|-------------------------------------------------------------------------------------|----------------------------|----------------|----------|------------|---------------|-------------------|--------------------|------------------|---------------------|
| EARL421SC    |    | SelfControl (SC)           | Single battery | RAL 9003 | €          | no            | high              | no                 | unlimited        | itse                |
| EARL421SC-AZ |    | SelfControl (SC)           | Single battery | RAL 7016 | €          | no            | high              | no                 | unlimited        | itse                |
| EARL421WL-AZ |   | Wireless Professional (WL) | Single battery | RAL 7016 | €€         | yes           | low               | yes                | 1,000 per system | cen                 |
| EARL423SC-AZ |  | SelfControl (SC)           | Single battery | RAL 7016 | €          | no            | high              | no                 | unlimited        | itse                |

As of: 12.06.2026 - Subject to technical changes and errors.