

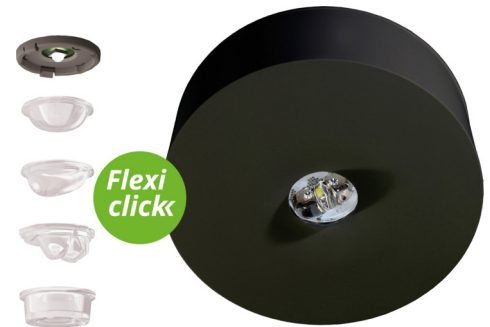


**Art.-Nr: ILDL421WL-SW-TT-OEM**  
**Emergency light Self-contained**  
**Surface mounting, Wireless Professional (WL), 1 h, , IP40,**  
**Polycarbonate, Black**

The LED safety luminaire IL with its unobtrusive design is a real all-rounder. It is equipped for virtually all requirements and always provides the right solution. Since the status LED is fitted in the lens, the harmony of the discreet housing is not interrupted. 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, allowing it to be adapted perfectly to the respective mounting situation.

The IL surface-mounted luminaire comprises just 2 parts; the ceiling section contains the mains supply terminals. The actual luminaire is mounted without the need for tools and is free of mains voltage upon disassembly.

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 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. The designation "TT" stands for **low-temperature batteries**. These special **lithium iron phosphate batteries** are designed to function reliably even at low temperatures. They offer stable performance and a long lifespan, even under demanding conditions.



More information  
[www.rp-group.com/en/item/ILDL421WL-SW-TT-OEM](http://www.rp-group.com/en/item/ILDL421WL-SW-TT-OEM)



## TECHNICAL DATA

|                        |                            |
|------------------------|----------------------------|
| Luminaire type         | Emergency light            |
| Mounting               | Surface mounting           |
| Illuminant             | LED                        |
| Housing material       | Polycarbonate              |
| Housing color          | Black                      |
| 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 3,2 V/3,3 Ah        |
| Operating mode                          | Non-maintained / maintained |
| Input voltage AC                        | 230 V                       |
| Input frequency                         | 50 / 60 Hz                  |
| Power max.                              | 3,4 W                       |
| Power maintained                        | 2,3 W                       |
| Power non-maintained                    | 0,4 W                       |
| Ambient temperature maintained mode     | -15 °C to 40 °C             |
| Ambient temperature non-maintained mode | -15 °C to 40 °C             |
| Height                                  | 36 mm                       |
| Diameter                                | 100 mm                      |
| Weight                                  | 0.2                         |
| Weight incl. packaging                  | 0.24                        |
| Connection cross-section                | 2.5 mm <sup>2</sup>         |
| Switching input                         | Yes                         |
| Emergency light blocking                | No                          |
| Battery connection                      | Connector                   |
| Dimming function                        | Yes                         |
| Luminous flux mains                     | 130 lm                      |
| Luminous flux emergency                 | 250 lm                      |
| Customs tariff number                   | 94056120                    |
| GTIN                                    | 4262483023952               |



## TECHNICAL DRAWING



## ACCESSORY LIST

ILD-APA-02 - IL surface-mounted adapter  
IL-IK10-AZ -  
IL-IK10-W -  
ILDE - Mounting frame  
ILB1 - IL top part  
ILB2 - IL top part  
BALLPLX-ILD - Wire mesh surround  
IL-IP65-K - Surface-mounted housing  
LSYS-B4 -  
LSYS-F4 -  
LSYS-R4 -  
LSYS-S4 -

As of: 09.08.2025 - Subject to technical changes and errors.