Art.-Nr: EARL421WL
Emergency light Self-contained Surface mounting, Wireless Professional (WL), 1 h, IP40, Zinc die-cast, White, Flexiklick round & corridor



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.

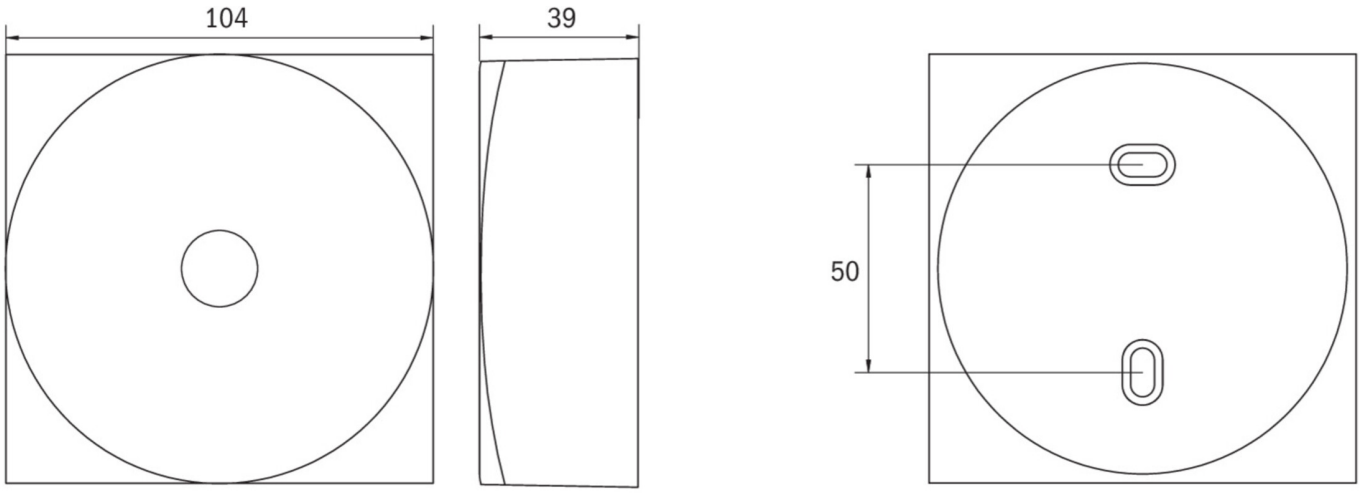
More information
www.rp-group.com/en/item/EARL421WL

TECHNICAL DATA

Luminaire type	Emergency light
Mounting	Surface mounting
Pictograph	No
Illuminant	LED
Housing material	Zinc die-cast
Housing color	White
Protection type (IP)	IP40
Impact resistance (IK)	≥ 3
Certification	Waste disposal, CE, 5 Years waranty
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	-5 °C to 40 °C
Ambient temperature non-maintained mode	-5 °C to 40 °C
Height	39 mm
Diameter	104 mm
Weight	0.37
Weight incl. packaging	0.41
Connection cross-section	2.5 mm²
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	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 - Battery

RELATED PRODUCTS

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

As of: 28.11.2026 - Subject to technical changes and errors.