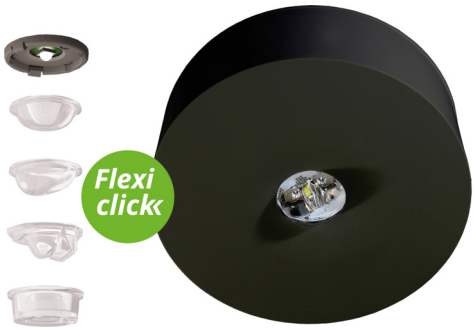
RP GROUP
SOLUTIONS IN SAFETY + LIGHTING

Art.-Nr: ILDL421WL-SW
Emergency light Self-contained
Surface mounting, Wireless Professional (WL), 1 h, IP40, Polycarbonate, Black, Flexiklick round & corridor



The discreet designed LED emergency luminaire IL is a true all-rounder. Whether as self- contained emergency light or for connection to a central battery system: it is fit for most challenges and always provides the right solution. As many as four different lenses are available for different light distribution and make a perfect adaptation to the respective mounting situation possible. All versions of the IL are available for surface mounting and as recessed mounted luminaires.

The IL surface mounted luminaire consists of 2 parts, the ceiling mounted bar includes the power supply terminals. The actual luminaire is mounted without tools and is at disassembly mains voltage free.

Housing color in black RAL 9005

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.

CE

5 JAHRE 5 YEARS GARANTIE WARRANTY

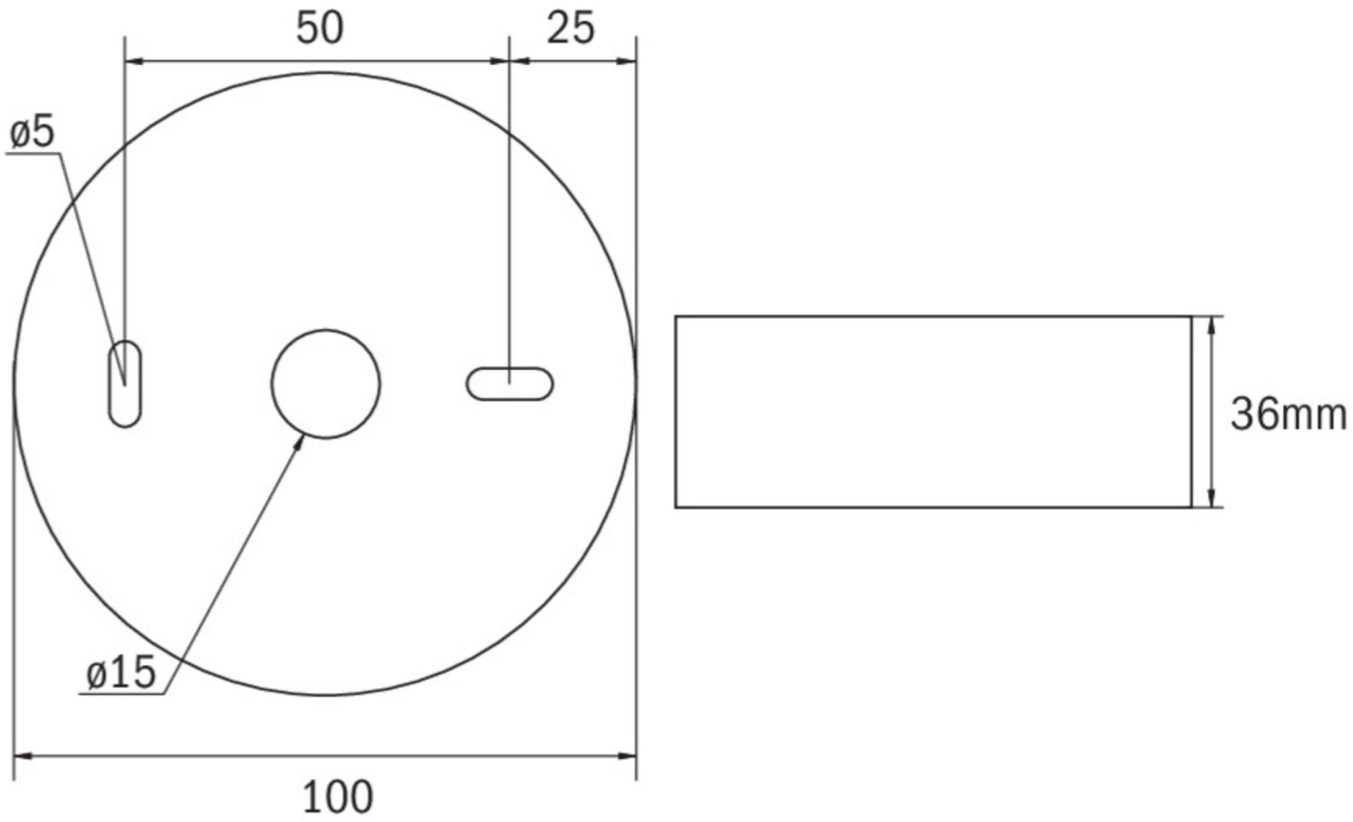
More information
www.rp-group.com/en/item/ILDL421WL-SW

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	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	36 mm
Diameter	100 mm
Weight	0.19
Weight incl. packaging	0.23
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	94056120
GTIN	4260682155535

TECHNICAL DRAWING



ACCESSORY LIST

ILD-APA-02 - IL surface-mounted adapter

IL-IK10-AZ - High protection surface-mounted housing for ILD luminaires: IP 65 & IK 10

IL-IK10-W - Robust ILD modular system IP 65 / IK 10 – ball-impact resistant

ILDE - Mounting frame

ILB1 - IL top part

ILB2 - IL top part

BALLPLX-ILD - Ball impact-resistant protective cover (PMMA) transparent for lights -

IL-IP65-K - Surface-mounted housing

LSYS-B4 - Precision beam lens for accent lighting of safety devices

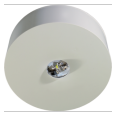
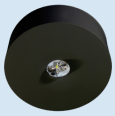
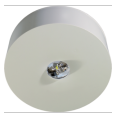
LSYS-F4 - Precise corridor lens for emergency exit and corridor lighting

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

LSYS-WD4 - Wall-down lens for precise corridor lighting and safety lights

RELATED PRODUCTS

Art.-No.	Image	Monitoring	Supply	Color	Investment	Automatic log	Maintenance level	Remote maintenance	max. luminaires	Single luminaire monitoring
ILDL421SC		SelfControl (SC)	Single battery	RAL 9003	€	no	high	no	unlimited	itself
ILDL421SC-SW		SelfControl (SC)	Single battery	RAL 9005	€	no	high	no	unlimited	itself
ILDL421WL		Wireless Professional (WL)	self contained	RAL 9003	€€	yes	low	yes	1,000 per system	central
ILDL421SC-3P		SelfControl (SC)	Single battery	RAL 9003	€	no	high	no	unlimited	itself
ILDL421SC-SW-3P		SelfControl (SC)	Single battery	RAL 9005	€	no	high	no	unlimited	itself
ILDL421WL-3P		Wireless Professional (WL)	self contained	RAL 9003	€€	yes	low	yes	1,000 per system	central
ILDL421WL-SW-3P		Wireless Professional (WL)	self contained	RAL 9005	€€	yes	low	yes	1,000 per system	central

As of: 22.11.2026 - Subject to technical changes and errors.