



**Art.-Nr: EERL433SC**

**Safety luminaire Single Battery**

**Ceiling mounting, SelfControl (SC), 3 h, , IP20, Zinc die-cast, white**

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

The zinc aluminium luminaire for recessed ceiling mounting inconspicuously adapts to the ceiling. Alongside the usual recessed ceiling mounting, it can also be mounted in conventional and fire protection sockets. 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/EERL433SC](http://www.rp-group.com/en/item/EERL433SC)



## TECHNICAL DATA

Luminaire type	Safety luminaire
Mounting	Ceiling mounting
Pictograph	No
Illuminant	LED
Housing material	Zinc die-cast
Housing color	white
Protection type (IP)	IP20
Impact resistance (IK)	≥ 3
Certification	WEEE, CE, 5 years warranty
Insulation class	2
Supply	Single Battery



Monitoring	SelfControl (SC)
Bridging time	3 h
Battery	LiFePO4 6,4 V/
Operating mode	Standby circuit / permanent circuit
Input voltageAC	180 V - 250 V
Input frequency	50 Hz
Power max.	4,2 W
Power maintained	3,3 W
Power non-maintained	0,9 W
Ambient temperature maintained mode	-5 °C to 40 °C
Ambient temperature non-maintained mode	-5 °C to 40 °C
Height	4 mm
Diameter	88 mm
Installation dimensions Diameter	68 mm
Weight	0.43
Weight incl. packaging	0.56
Connection cross-section	2,5 mm <sup>2</sup>
Switching input	Yes
Emergency light blocking	No
Battery connection	Connector
Dimming function	No
Luminous flux mains	255 lm
Luminous flux emergency	255 lm
Customs tariff number	94056180
EAN	4260766556029



## TECHNICAL DRAWING

Maße EER / EEQ



Lochausschnitt EER / EEQ



EExx029: Schalterdose notwendig (nicht im Lieferumfang enthalten)

Einzelbatterie-Elektronik-Box (UH-1)



## ACCESSORY LIST

- LSYS-B4 -
- LSYS-F4 -
- LSYS-R4 -
- LSYS-S4 -

As of: 11.02.2025 - Subject to technical changes and errors.