LED safety luminaire for ceiling mounting and for lighting escape and rescue routes acc. to DIN EN 60598-1, DIN EN 60598-2-22 und DIN EN 1838.   
  
The round zinc die-cast surface mounted luminaire consists of two parts. The ceiling mounting housing contains the mains terminals. Technical settings e.g. adressing can be carried out voltage free at the top of the luminaire wich contains the main part of the luminaire.  
The connection of both parts is achieved toollessly via a latching mechanism. The design shines through its clear lines. Depending on the colour choice the luminaire can adapt to a buildings design or set contrasts where it wants to.  
  
Advantages of the zinc die-cast luminaire:  
- mechanically robust and corrosion resistant  
- powder coated surface  
- accurate and straight lines  
- no weld seam or bending edges  
  
With modern ERT-LED technology especially efficient because of the lense system.  
  
The radiation characteristic is rotation symmetrical circular.  
It ensures an equal light distribution.  
Application of the R Lense:  
-in open areas, escape route cross overs  
-luminaire distance up to 12m  
  
The radiation characteristic is rotation symmetrical circular.  
The Spot-lense ensures an equal distribution of the light in all directions with ceiling heights of up to 12m  
Application of the S-lense:  
- open areas, escape route cross overs  
- high rooms with ceiling height of up to 12m  
  
The radiation characteristic is contrentrally oval  
Lense focused on two main directions.  
Application of the F lense:  
- escape routes, corridors  
- luminaire distance up to 24m  
  
The radiation characteristic directed straight.  
The special lense spreads the light in two main directions.  
Application of the H lense:  
- escape routes, corridors  
- high rooms with ceiling height up to 16m  
- luminaire distances of up to 30m

Monitoring:

SC

Version with automatic test system in accordance with DIN EN 62034 type S including SelfControl test button:

* Test results with fault analysis (illuminant, charge and battery circuit) and status displays (operation, function test, continuous function test) using 3 colour LEDs
* Automatic function test (weekly)
* Automatic continuous function test (every 12 months)
* Automatic charge monitoring
* Deep discharge protection with restart inhibit
* Idling and short-circuit shutdown of inverter

Material: Zinc die-cast

Color: RAL 7016

Dimensions: x x 39 mm

Diameter: 104 mm

Mounting method: Decke

Protection class: 2

Protection rating (IP): 40

Impact restistence rate IK: ≥ 3

Allowed temperature DS: -5 to 40 °C

Allowed temperature BS: -5 to 40 °C

Pictogram: No

Power maintained mode: 1,9 W

Power non-maintained mode: 0,2 W

Luminous Flux Emergency Operation: 250 lm

Bridging time (h): 1 h

Input voltage AC: 230 V

Connection terminals: 2.5 mm

Battery: LFP3233.01, 3.2V / 3.3 Ah LiFePO4

Article number: EARL421SC-AZ

Accessories:

Article number: ILD-APA-02, IL surface mount adapter-02

Article number: LSYS-B4, 4x Beam lens for lights with a lens system, for

Article number: LSYS-F4, 4x corridor lenses for luminaires with lens

Article number: LSYS-R4, 4x round lenses for luminaires with lens

Article number: LSYS-S4, 4x Spotlens for luminares with lens system.

Brand: RP-Technik