

# Rittal – The System.

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## SZ 2500.312 LED system light

State: 26/5/2026 (Source: rittal.com/in-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SZ 2500.312 - LED system light

LED system light – the first light especially for enclosures! Highly innovative LED technology for even more light into the very last corner.



## Features

|                    |  |
|--------------------|--|
| Model No.          | SZ 2500.312  |
| Design             | with socket, with motion detector  |
| Benefits           | Optimum illumination of the entire enclosure<br>Optionally with clip, screw and magnetic attachment<br>A configuration to suit every application |
| Design             | Motion sensor<br>Socket<br>90° rotating connector<br>Adjustable light direction<br>Adjustable light distribution                                 |
| Material           | Light body: Extruded aluminium<br>Light cover: Polycarbonate<br>Light ends: PC-ABS   |
| Colour             | Enclosure: RAL 7016  |
| Supply includes    | Assembly screws  |
| Power consumption  | 13 W   |
| Connection options | Infeed, 3-pole<br>Through-wiring, 3-pole   |

# Features

|   |  |
|---|--|
| Motion detector                                 | Yes  |
| Overvoltage category                            | II   |
| Protection class                                | II (all-insulated)   |
| Light – installation type                       | Screw-fastening<br>Clip attachment                           |
| Rated impulse withstand voltage, phase to earth | 2500 V AC  |
| Rated insulation voltage                        | 300 V AC   |
| Installation options                            | Directly onto the enclosure section with 25 mm pitch pattern |
| Luminous flux                                   | 1,200 lm   |
| Light colour                                    | 4000 K (neutral white)                                       |
| Note  | Connection accessories should be ordered separately          |
| Dimensions                                      | Width: 437 mm<br>Height: 85 mm<br>Depth: 44 mm               |
| Operating temperature range                     | -20 °C...55 °C   |
| Sockets   | F/B (type E, CEE 7/5)  |
| Rated operating voltage                         | 100 V - 230 V, 1~, 50 Hz/60 Hz                               |
| Socket version                                  | F/B (type E, CEE 7/5)  |
| IP protection category to IEC 60 529            | IP 20  |
| Packs of  | 1 pc(s).   |
| Net weight                                      | 0.63 kg  |
| Gross weight                                    | 0.707 kg   |
| PCF per pack (cradle-to-gate)                   | 16.7   |
| Customs tariff number                           | 94054990   |
| ETIM 9  | EC000321   |
| ETIM 8  | EC000321   |
| ECLASS 8.0                                      | 27189241   |

# Features

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|                     |  |
|---------------------|--|
| Product description | SZ LED system light, 1200 lumens, L: 437 mm, 100-230 V, with motion detector |
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# Approvals

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|              |  |
|--------------|--|
| Approvals    | ENEC   |
| Explanations | Declaration of conformity<br>Declaration of conformity UK<br>PCF-declaration |