LED system light – Sensationally bright
Rittal – The System.

Faster – better – everywhere.
LED system light

Perfect enclosure illumination

The most innovative lighting technology, tailored to Rittal enclosures. Do not settle for less! The new LED system light sets brand new standards in all areas.
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Focus on what’s important

- Innovative LED technology for even more light into the very last corner, from the roof to the base
- Intelligent lighting, tailored to the geometry of the enclosure, thanks to a special optical cover with Fresnel structure

- Optical cover with two different Fresnel structures
- The cover is easily rotated – to adapt the light distribution to the current installation situation
- Enormous luminous intensity from 900 to 1200 lumens, directed selectively into the enclosure
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**Time savings under control**

- Fast, tool-free assembly thanks to a latching hook system on a 25 mm pitch pattern of holes; simply latch and secure
- Optional screw-fastening also available, or opt for complete flexibility with a magnetic attachment freely positionable inside the enclosure
- May be fitted horizontally and vertically with no loss of space in the enclosure; existing rails and sections can simply be covered.
- Lights with motion detectors are equipped with a rotating LED board as standard, allowing the direction of light to be perfectly adapted to any installation situation
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Uncompromising switching

- Rotating connectors support installation in the most confined spaces
- Simple through-wiring based on the plug & play system
- Variants with integral motion detectors eliminate the need for installing separate door-operated switches
- If additionally equipped with a socket, electricity will be available whenever it is needed for maintenance work
- Suitable for immediate, global use with wide-range voltage 100 – 240 V (AC) and 24 V (DC)
## LED system light

### Baying systems TS 8 Cat. 34, page 62  System enclosures SE 8 Cat. 34, page 81

**Benefits:**
- Optimum illumination of the entire enclosure
- Optionally with clip, screw and magnetic attachment
- A configuration to suit every application

**Length:**
- 437 mm

**Light colour:**
- 4000 K (neutral white)

**Material:**
- Plastic
- Aluminium

**Colour:**
- Enclosure: RAL 7016

**Voltage supply:**
- 100 – 240 V AC
- 24 V DC

**Equipment:**
- Socket
- 90° rotating connector
- Adjustable light direction
- Adjustable light distribution
- 3-pole

**Protection class II (all-insulated):**
- Screw-fastening
- Clip attachment
- Magnetic attachment to surfaces (accessory)

**Installation type:**
- Screw-fastening
- Through-wiring
- Door-operated switch (accessories)

**Connection options:**
- Infeed
- Through-wiring
- Door-operated switch

**Mounting options:**
- TS, SE
- AE

**Accessories:**
- Universal bracket
- Mounting kit magnet
- Rail for interior installation

### Table

<table>
<thead>
<tr>
<th>Model No.</th>
<th>2500.310</th>
<th>2500.300</th>
<th>2500.210</th>
<th>2500.200</th>
<th>2500.220</th>
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</thead>
<tbody>
<tr>
<td>Output (lumen)</td>
<td>1200</td>
<td>1200</td>
<td>900</td>
<td>900</td>
<td>900</td>
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<tr>
<td>Motion sensor</td>
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<tr>
<td>Voltage supply</td>
<td>100 – 240 V AC</td>
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<td>–</td>
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<tr>
<td>Equipment</td>
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<td>–</td>
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<tr>
<td>Protection class II (all-insulated)</td>
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<td>Installation type</td>
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<td>–</td>
<td>–</td>
<td>–</td>
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<tr>
<td>Connection options</td>
<td>–</td>
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<tr>
<td>Mounting options</td>
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<td>–</td>
<td>–</td>
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<tr>
<td>Accessories</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
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</tr>
</tbody>
</table>

**Note:**
- Connection accessories should be ordered separately

**Available from June 2016**
Connection accessories
for LED system light
The following components can be used for time-saving and simple installation of the lights:

<table>
<thead>
<tr>
<th>Connection cable for</th>
<th>ENEC</th>
<th>Length mm</th>
<th>Packs of</th>
<th>Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Indeed, 3-pole, 100 – 240 V AC</td>
<td>□</td>
<td>3000</td>
<td>5 pc(s);</td>
<td>2500.400</td>
</tr>
<tr>
<td>2 Indeed, 2-pole, 24 V DC</td>
<td>□</td>
<td>3000</td>
<td>5 pc(s);</td>
<td>2500.410</td>
</tr>
<tr>
<td>3 Through-wiring, 3-pole, 100 – 240 V AC</td>
<td>□</td>
<td>1000</td>
<td>5 pc(s);</td>
<td>2500.430</td>
</tr>
<tr>
<td>4 Through-wiring, 2-pole, 24 V DC</td>
<td>□</td>
<td>1000</td>
<td>5 pc(s);</td>
<td>2500.440</td>
</tr>
</tbody>
</table>

Available from June 2016

Door-operated switch
With mounting accessories

<table>
<thead>
<tr>
<th>Door-operated switch</th>
<th>ENEC</th>
<th>UL</th>
<th>Length mm</th>
<th>Technical specifications</th>
<th>Packs of</th>
<th>Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Connection cable</td>
<td>□</td>
<td>–</td>
<td>600</td>
<td>230 V AC 1 A</td>
<td>1 pc(s);</td>
<td>2500.460</td>
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<tr>
<td></td>
<td>–</td>
<td>□</td>
<td>600</td>
<td>–</td>
<td>1 pc(s);</td>
<td>2500.470</td>
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</table>

Model No. 2500.460 available from June 2016, Model No. 2500.470 available from August 2016

Mounting kit magnet
for LED system light
For sticking onto the rear of lights without a socket.

<table>
<thead>
<tr>
<th>Packs of</th>
<th>Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 pc(s);</td>
<td>2500.480</td>
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</tbody>
</table>

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- Power Distribution
- Climate Control
- IT Infrastructure
- Software & Services

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