

# Rittal – The System.

Faster – better – everywhere.

## ▶ LED system light – Sensationally bright



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ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

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.



IT INFRASTRUCTURE

SOFTWARE & SERVICES



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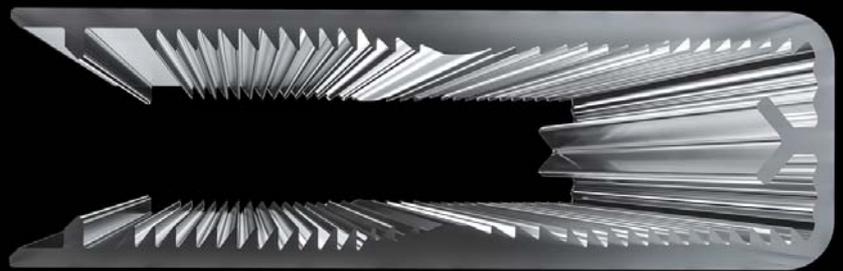
# Focus on what's important

- Innovative LED technology for even more light into the very last corner
- 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 up to 1200 lumens, directed selectively into the enclosure



Conventional light

Rittal LED system light



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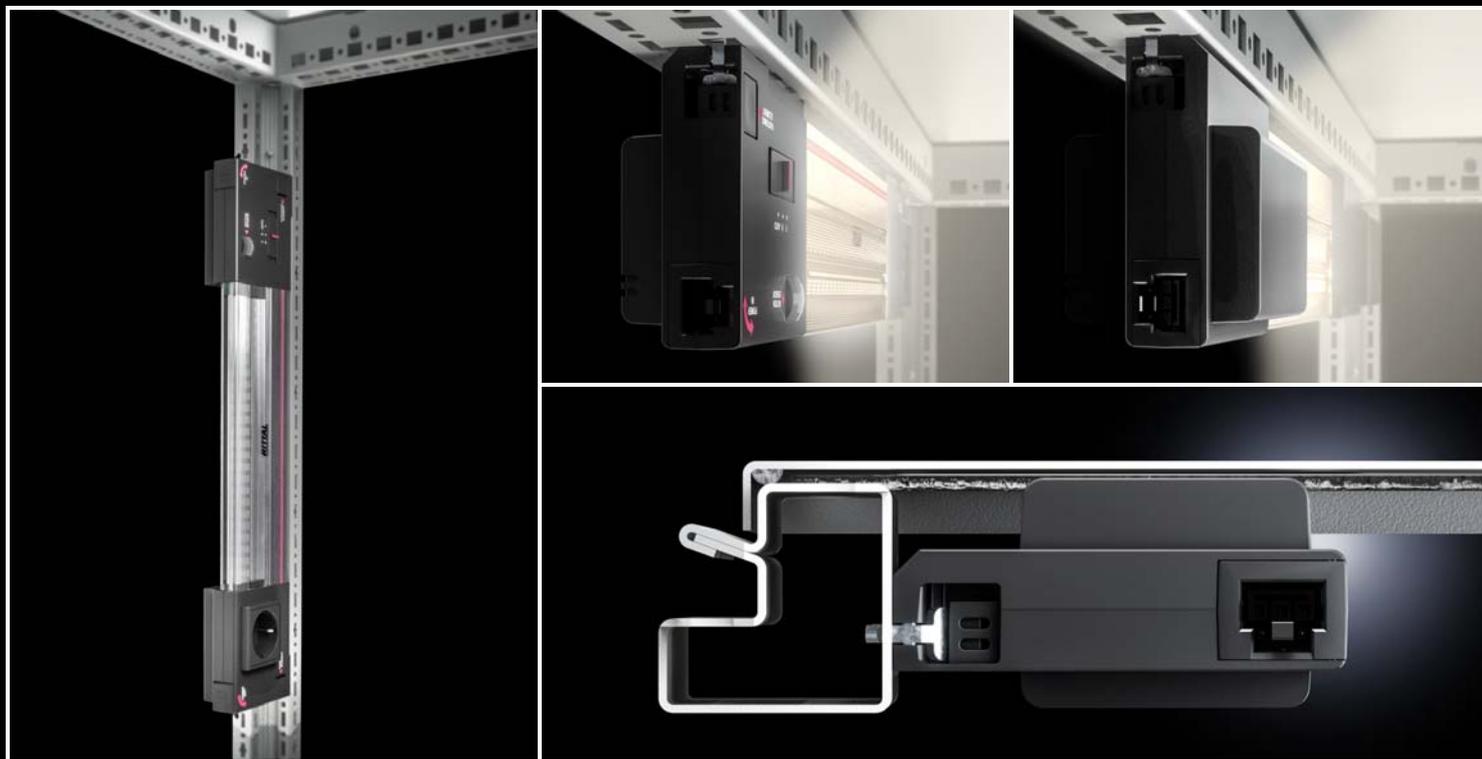
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## LED system light

# 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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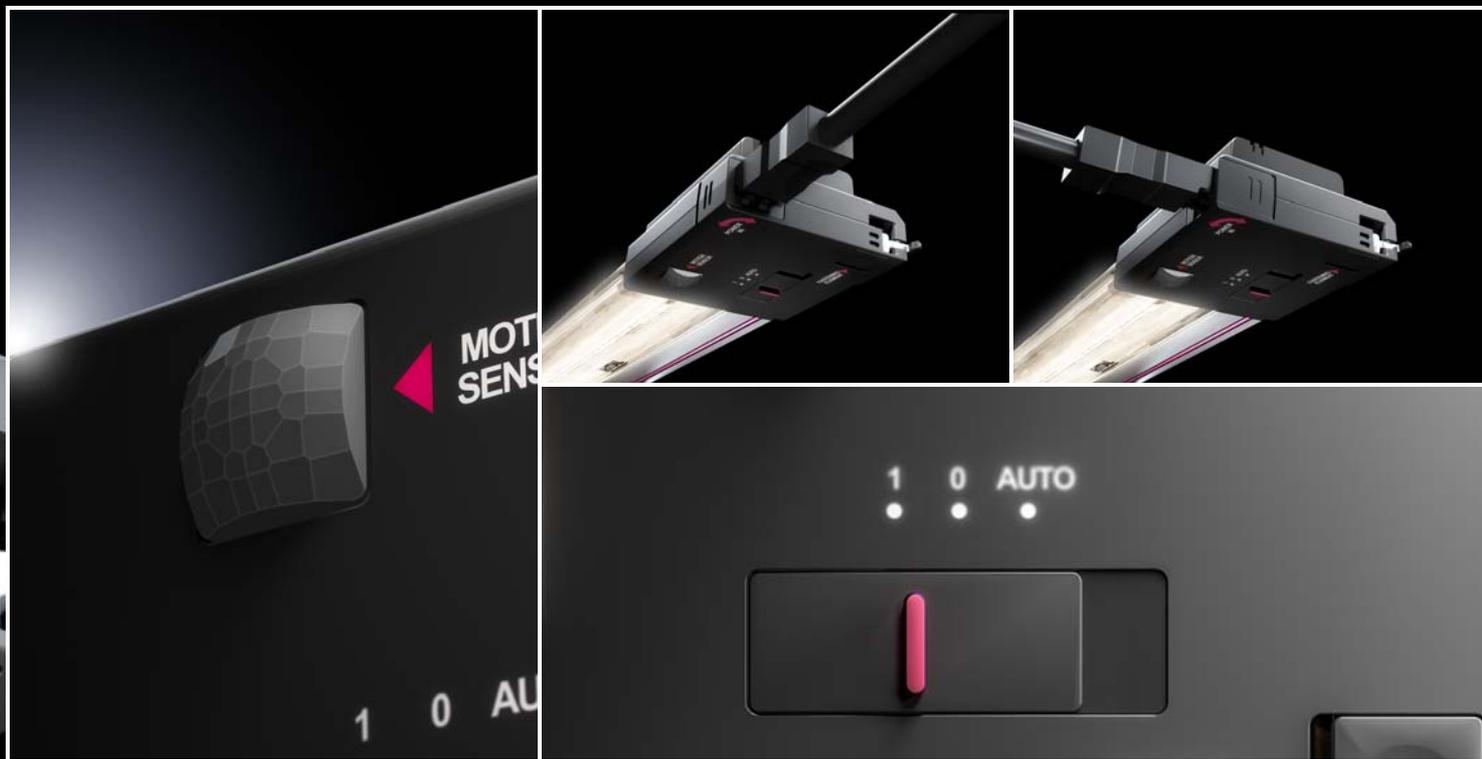
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LED system light

# 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

Information on country-specific versions can be found on the Internet



**Baying systems TS 8** Cat. 35, page 74 **System enclosures SE 8** Cat. 35, page 94 **Compact enclosures AE** Cat. 35, page 58

### Benefits:

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

### Material:

- Plastic
- Aluminium

### Colour:

- Enclosure: RAL 7016

### Light colour:

- 4000 K (neutral white)

### Supply includes:

- Assembly screws

### Note:

- Connection accessories should be ordered separately

Model No.		2500.310	2500.300	2500.210	2500.200	2500.220	2500.110	2500.100
Output (lumen)		1200	1200	900	900	900	600	400
Length (mm)		437	437	437	437	437	337	262
Motion sensor		■	■	–	–	–	–	–
Rated operating voltage	100 – 240 V AC	■	■	■	■	–	■	■
	24 V DC	–	–	–	–	■	–	–
Equipment	Socket	■	–	■	–	–	–	–
	90° rotating connector	■	■	■	■	■	–	–
	Adjustable light direction	■	■	–	–	–	–	–
	Adjustable light distribution	■	■	■	■	■	–	–
Protection class II			II (all-insulated)			III (SELV)	II (all-insulated)	
Approvals	UL	–	■	–	■	■	–	–
	cUL	–	■	–	■	■	–	–
	CCC	–	■	–	■	–	■	■
	ENEC	■	■	■	■	■	■	■
Installation type	Screw-fastening	■	■	■	■	■	■	■
	Clip attachment	■	■	■	■	■	■	■
	Magnetic attachment to surfaces (accessory)	–	■	–	■	■	■	■
Connection options	Infeed	3-pole	3-pole	3-pole	3-pole	2-pole	2-pole	2-pole
	Through-wiring	3-pole	3-pole	3-pole	3-pole	2-pole	2-pole	2-pole
	Door-operated switch (accessories)	–	–	■	■	■	■	■
Mounting options	Enclosures with a 25 mm pitch pattern	Screw fastening/clip	Directly on the profile	–				
	AE	Screw-fastening	With universal bracket					

### Accessories

Universal bracket	2373.000	2373.000	2373.000	2373.000	2373.000	2373.000	2373.000
Mounting kit magnet	–	2500.490	–	2500.490	2500.490	2500.490	2500.490
Door-operated switch	–	–	2500.460	2500.460	2500.460	2500.460	2500.460
Door-operated switch, UL	–	–	–	2500.470	2500.470	–	–

### Connection accessories

Infeed, 2-pole	–	–	–	–	2500.410	2500.420	2500.420
Infeed, 3-pole	2500.400	2500.400	2500.400	2500.400	–	–	–
Infeed, 3-pole, UL	–	2500.500	–	2500.500	–	–	–
Through-wiring, 2-pole	–	–	–	–	2500.440	2500.450	2500.450
Through-wiring, 3-pole	2500.430	2500.430	2500.430	2500.430	–	–	–
Through-wiring, 3-pole, UL	–	2500.530	–	2500.530	–	–	–

# LED system light

## Accessories

### Connection accessories

#### for LED system light

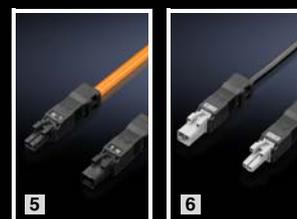
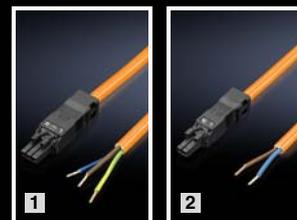
The following components can be used for time-saving and simple installation of the lights:



#### Accessories:

- Cable ties for quick assembly, see Catalogue 35, page 785

Connection cable for	UL	Length mm	Packs of	Model No.	
				Orange	Black
[1] Infeed, 3-pole, 100 – 240 V AC	■	3000	1 pc(s).	<b>2500.500</b>	–
Infeed, 3-pole, 100 – 240 V AC	–	3000	5 pc(s).	<b>2500.400</b>	–
[2] Infeed, 2-pole, 100 – 240 V AC	■	3000	1 pc(s).	<b>2500.520</b>	–
Infeed, 2-pole, 100 – 240 V AC	–	3000	5 pc(s).	<b>2500.420</b>	–
[3] Infeed, 2-pole, 24 V DC	■	3000	5 pc(s).	–	<b>2500.410</b>
[4] Through-wiring, 3-pole, 100 – 240 V AC	■	1000	1 pc(s).	<b>2500.530</b>	–
Through-wiring, 3-pole, 100 – 240 V AC	–	1000	5 pc(s).	<b>2500.430</b>	–
[5] Through-wiring, 2-pole, 100 – 240 V AC	■	1000	1 pc(s).	<b>2500.550</b>	–
Through-wiring, 2-pole, 100 – 240 V AC	–	1000	5 pc(s).	<b>2500.450</b>	–
[6] Through-wiring, 2-pole, 24 V DC	■	1000	5 pc(s).	–	<b>2500.440</b>



### Connection accessories

#### for self-assembly for LED system light

#### Sockets for power supply/through-wiring

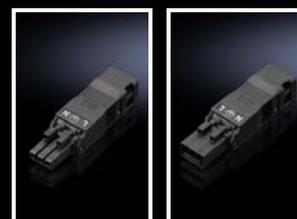
	P. of	Model No.
Socket, 3-pole, 100 – 240 V AC	5 pc(s).	<b>2500.600</b>
Socket, 2-pole, 24 V DC	5 pc(s).	<b>2500.610</b>
Socket, 2-pole, 100 – 240 V AC	5 pc(s).	<b>2500.620</b>

#### Connectors for through-wiring

	P. of	Model No.
Connector, 3-pole, 100 – 240 V AC	5 pc(s).	<b>2500.630</b>
Connector, 2-pole, 24 V DC	5 pc(s).	<b>2500.640</b>
Connector, 2-pole, 100 – 240 V AC	5 pc(s).	<b>2500.650</b>

#### Connection cable

	UL	Length mm	P. of	Model No.
For door-operated switch	–	3000	1 pc(s).	<b>2500.660</b>
	■	3000	1 pc(s).	<b>2500.670</b>



### Door-operated switch

#### for LED system light

#### Supply includes:

- Assembly parts

	UL	Length mm	To fit	Packs of	Model No.
With connection cable	–	800	230 V AC/24 V DC, 1 A	1 pc(s).	<b>2500.460</b>
	■	800		1 pc(s).	<b>2500.470</b>
Without connection cable	■	–		1 pc(s).	<b>4127.010</b>

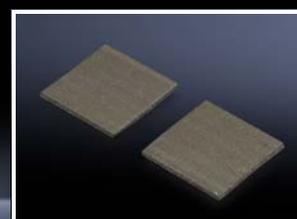


### Mounting kit magnet

#### for LED system light

For sticking onto the rear of lights without a socket.

Packs of	Model No.
2 pc(s).	<b>2500.490</b>



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

LED system light –  
Full details are available at:



[www.rittal.com/r?led08en](http://www.rittal.com/r?led08en)

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