

Rittal – The System.

Faster – better – everywhere.

► LED system light – Sensationally bright



ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES



FRIEDHELM LOH GROUP

Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

Rittal – The System.

Faster – better – everywhere.



ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

FRIEDHELM LOH GROUP

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



Rittal – The System.

Faster – better – everywhere.



LED system light

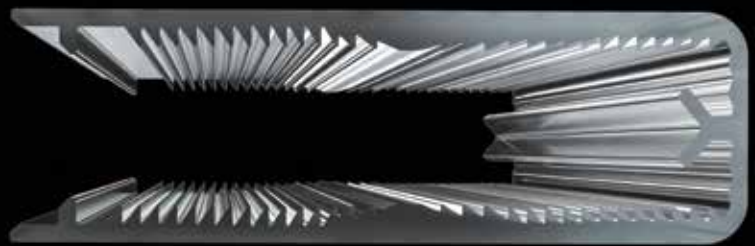
Focus on what's important

- 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



Rittal – The System.

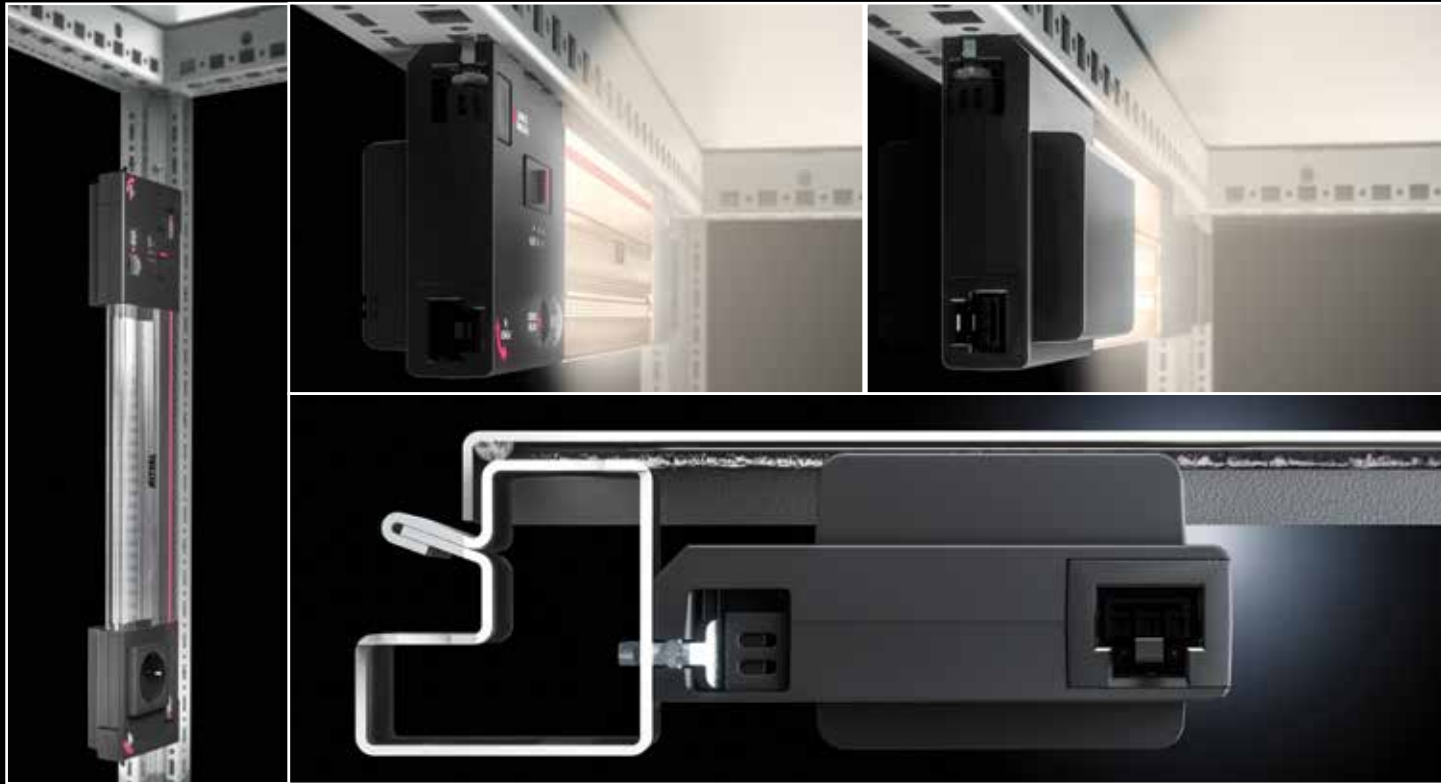
Faster – better – everywhere.



LED system light

Time savings under control

- Fast, tool-free assembly thanks to a latching hook system on a 25mm 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



Rittal – The System.

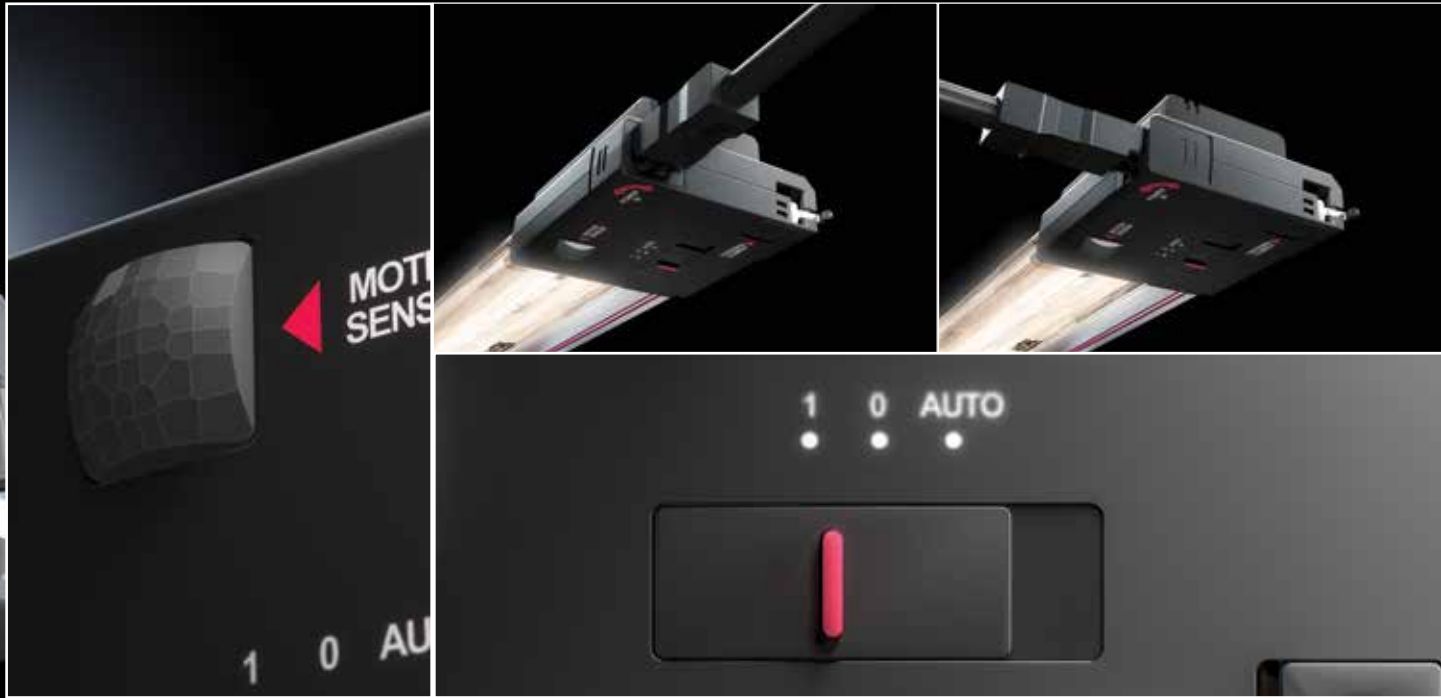
Faster – better – everywhere.



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



Benefits:

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

Material:

- Plastic
- Aluminum

Color:

- Enclosure: RAL 7016

Light Color:

- 4000 K (neutral white)

Supply Includes:

- Assembly screws

Note:

- Connection accessories should be ordered separately
- Information on other country-specific versions with socket can be found on the internet

									
Model No.		2500.314	2500.300	2500.320	2500.214	2500.200	2500.220	2500.114	2500.104
Output (lumen)		1200	1200	1200	900	900	900	600	400
Length (inches/mm)		17/437	17/437	17/437	17/437	17/437	17/437	13/337	10/262
Motion sensor		■	■	■	–	–	–	–	–
Rated operating voltage	100 – 240 V AC	■	■	–	■	■	–	■	■
	24 V DC	–	–	■	–	–	■	–	–
Equipment	Socket – NEMA	■	–	–	■	–	–	–	–
	90° rotating connector	■	■	■	■	■	■	–	–
	Adjustable light direction	■	■	■	–	–	–	–	–
	Adjustable light distribution	■	■	■	■	■	■	–	–
Protection class II		II (all-insulated)		III (SELV)	II (all-insulated)		III (SELV)	II (all-insulated)	
Approvals	UL	■	■	■	■	■	■	■	■
	cUL	■	■	■	■	■	■	■	■
	CCC	–	■	■	–	■	–	■	■
	ENEC	■	■	■	■	■	■	■	■
Installation type	Screw-fastening	■	■	■	■	■	■	■	■
	Clip attachment	■	■	■	■	■	■	■	■
	Magnetic attachment	–	■	■	–	■	■	■	■
Connection options	Infeed	3-pole	3-pole	2-pole	3-pole	3-pole	2-pole	2-pole	2-pole
	Through-wiring	3-pole	3-pole	2-pole	3-pole	3-pole	2-pole	2-pole	2-pole
	Door-operated switch	–	–	–	■	■	■	■	■

Accessories

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

Connection accessories

Infeed, 2-pole	–	–	2500.410	–	–	2500.410	2500.420	2500.420	2500.420
Infeed, 2-pole, ENEC, UL	–	–	–	–	–	–	2500.520	2500.520	2500.520
Infeed, 3-pole	2500.400	2500.400	–	2500.400	2500.400	–	–	–	–
Infeed, 3-pole, ENEC, UL	2500.500	2500.500	–	2500.500	2500.500	–	–	–	–
Through-wiring, 2-pole	–	–	2500.440	–	–	2500.440	2500.450	2500.450	2500.450
Through-wiring, 2-pole, ENEC, UL	–	–	–	–	–	–	2500.550	2500.550	2500.550
Through-wiring, 3-pole	2500.430	2500.430	–	2500.430	2500.430	–	–	–	–
Through-wiring, 3-pole, ENEC, UL	2500.530	2500.530	–	2500.530	2500.530	–	–	–	–

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 Catalog 34, page 576

Connection cable for		ENEC	UL	Length inches (mm)	Packs of	Model No.	
						Orange	Black
①	Infeed, 3-pole, 100–240 V/AC	■	■	118 (3000)	1 pc(s).	2500.500	–
	Infeed, 3-pole, 100–240 V/AC	■	—	118 (3000)	5 pc(s).	2500.400	–
②	Infeed, 2-pole, 100–240 V/AC	■	■	118 (3000)	1 pc(s).	2500.520	–
	Infeed, 2-pole, 100–240 V/AC	■	—	118 (3000)	5 pc(s).	2500.420	–
③	Infeed, 2-pole, 24 V DC	■	—	118 (3000)	5 pc(s).	–	2500.410
④	Through-wiring, 3-pole, 100–240 V AC	■	■	39 (1000)	1 pc(s).	2500.530	–
	Through-wiring, 3-pole, 100–240 V AC	■	—	39 (1000)	5 pc(s).	2500.430	–
⑤	Through-wiring, 2-pole, 100–240 V AC	■	■	39 (1000)	1 pc(s).	2500.550	
	Through-wiring, 2-pole, 100–240 V AC	■	—	39 (1000)	5 pc(s).	2500.450	
⑥	Through-wiring, 2-pole, 24 V DC	■	—	39 (1000)	5 pc(s).	–	2500.440

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).	2500.600
Socket, 2-pole, 24 V DC	5 pc(s).	2500.610
Socket, 2-pole, 100-240 V AC	5 pc(s).	2500.620

Connectors for through-wiring

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

Connection cable

	UL	Length mm.	P. of	Model No.
For door-operated switch	—	3000	1 pc(s).	2500.660
	■	3000	1 pc(s).	2500.670

Door-operated switch for LED system light

Supply includes:

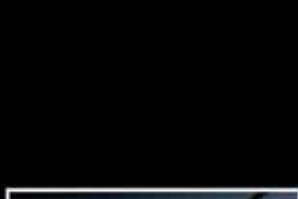
– Assembly parts

	UL	Length inches (mm)	to fit	Packs of	Model No.
With connection cable	—	30 (800)	230 V AC/24 V DC, 1 A	1 pc(s).	2500.460
	■	30 (800)		1 pc(s).	2500.470
Without connection cable	■	30 (800)		1 pc(s).	4127.010

Mounting kit magnet for LED system light

For sticking onto the rear of lights without a socket

Packs of	Model No.
2 pc(s).	2500.490



Rittal – The System.

Faster – better – everywhere.

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

Rittal North America LLC

Woodfield Corporate Center
425 North Martingale Road, Suite 400 • Schaumburg, Illinois 60173 • USA
Phone: 937-399-0500 • Toll-free: 800-477-4000
Email: rittal@rittal.us • Website: www.rittal.us

Rittal Systems Ltd.

6485 Ordan Drive • Mississauga, Ontario L5T 1X2 • Canada
Phone: 905-795-0777 • Toll-free: 800-399-0748
Email: marketing@rittal.ca • Website: www.rittal.ca

Rittal Mexico

Dr. Roberto Gayol 1219-1B • Col. Del Valle Sur, 03100 • Mexico, D.F.
Phone: (+52) (55) 5559-5369 • Toll-free: 01 800 8 Rittal (748.825)
Email: info@rittal.com.mx • Website: www.rittal.com.mx

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP

