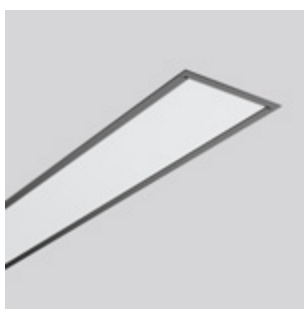


LESS IS MORE vario

THE PROJECT AND RENOVATION LUMINAIRE

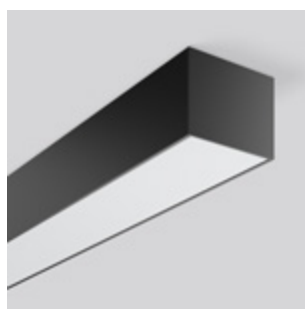
LESS IS MORE vario

Overview



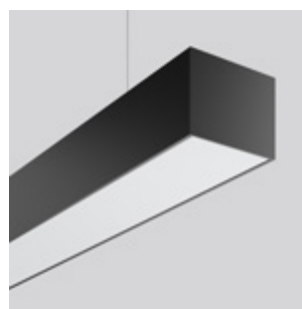
RECESSED LUMINAIRES
standard sizes

Page 16



SURFACE-MOUNTED LUMINAIRES
standard sizes

Page 17



PENDANT LUMINAIRES
standard sizes

Page 18-19

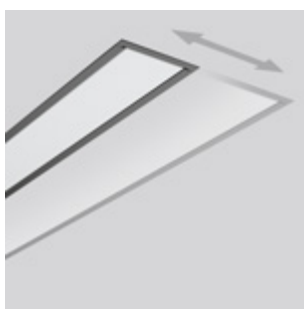


I am adaptable!

Flexible, innovative, unlimited possibilities.

LESS IS MORE vario.

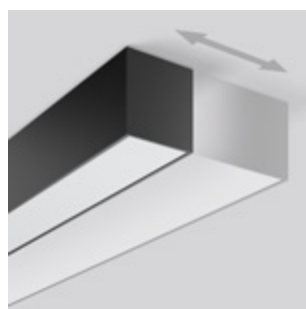
The project and renovation luminaire.



RECESSED LUMINAIRES

variable width

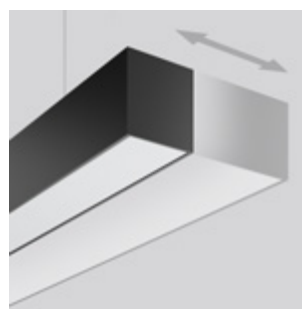
Page 10-11



SURFACE-MOUNTED LUMINAIRES

variable width

Page 10-11



PENDANT LUMINAIRES

variable width

Page 10-11

1983



Ideal for all renovation tasks

Individual adaptation to structural conditions

Reduce energy consumption

Increase light quality



LESS IS MORE vario

Standard is good, we are better!

In addition to our comprehensive portfolio of standard products of all types we provide a special, object-specific solution tailored to your project.

Because: Perfection is our business.

LESS IS MORE vario

Reduced energy costs

Decreased maintenance costs

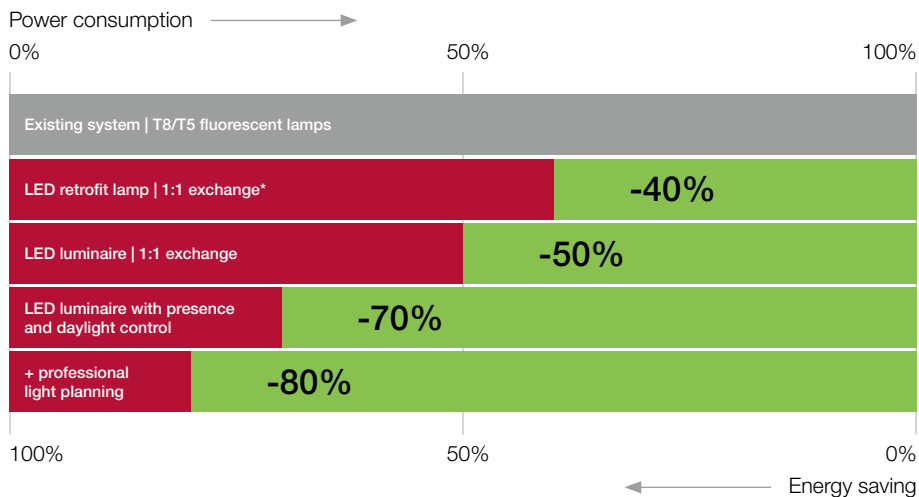
Minimised carbon emissions

We have what you are looking for!

A rational and careful use of resources is a task and a challenge for every company. As one of the leading lighting manufacturers, we take this responsibility seriously. This not only benefits the environment and climate, but also you.

Whether energy optimisation of existing buildings or new buildings: our lighting systems are smart, digital and efficient. Replaceable and recyclable components protect valuable resources and extend the life of the lighting system. Due to already into the lights Integrated control modules or the use of professional light management systems included daylight control, presence detection or preset light scenes, it can be used to achieve additional savings potential.

Example of savings potential with LED lighting.



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360° light competence

Fast, professional, solution-oriented.

We offer you lighting and services from one single source: from advice and planning, financing and commissioning, service and maintenance up to continuous monitoring and optimisation across the entire life cycle of the lighting systems.

Quality means not making any compromises for us: our products are designed, developed and manufactured with the utmost care. This is how we ensure the first-class quality of our lighting solutions and at the same time you benefit from the enormous energy saving potential of our lights.

Perfect planning and perfect light for your projects - this is how we achieve the best results for your individual lighting tasks. Our experienced team of professionals lighting planners are available to support you with all your lighting-related questions.

We are happy to support you!





LESS IS MORE vario

The project and renovation luminaire

One luminaire - unlimited possibilities

More freedom of design is hardly possible: LESS IS MORE VARIO lives up to its name. The modern linear system is extremely variable in width and therefore extremely flexible. There is also a colourful bouquet of different luminous fluxes and mounting types - depending on the requirement and area of application.

These technical refinements paired with the design that is reduced to the essentials without visible connecting makes the luminaire the ideal lighting tool for renovations, as well as the perfect project light.

Architecture

- ⊕ **Extensive:** Recessed, surface-mounted and suspended luminaires.
- ⊕ **Variable:** Width, length, luminous flux and mounting type.
- ⊕ **Long service life:** Diffuser made of non-yellowing plastic (PMMA) microprismatic.
- ⊕ **Sustainable:** Environmentally friendly and resource-saving due to replaceable and recyclable components.

Lighting design

- ⊕ **Anti-glare:** Perfect for office areas ($RUG \leq 19$) and environments with computer screens in accordance with EN 12464-1.
- ⊕ **Clever:** Separately controllable direct and indirect light part or DALI pendant luminaires.
- ⊕ **Ideal:** Educational and health buildings, offices and hospitality.
- ⊕ **Optimum:** Different luminaire widths and lengths for project solutions.

Installation

- ⊕ **Easy installation:** Installation could not be easier thanks to Plug & Play.
- ⊕ **Integrated:** Suitable for through wiring as standard.
- ⊕ **Advantageous:** Perfect for 1:1 replacement during renovations.

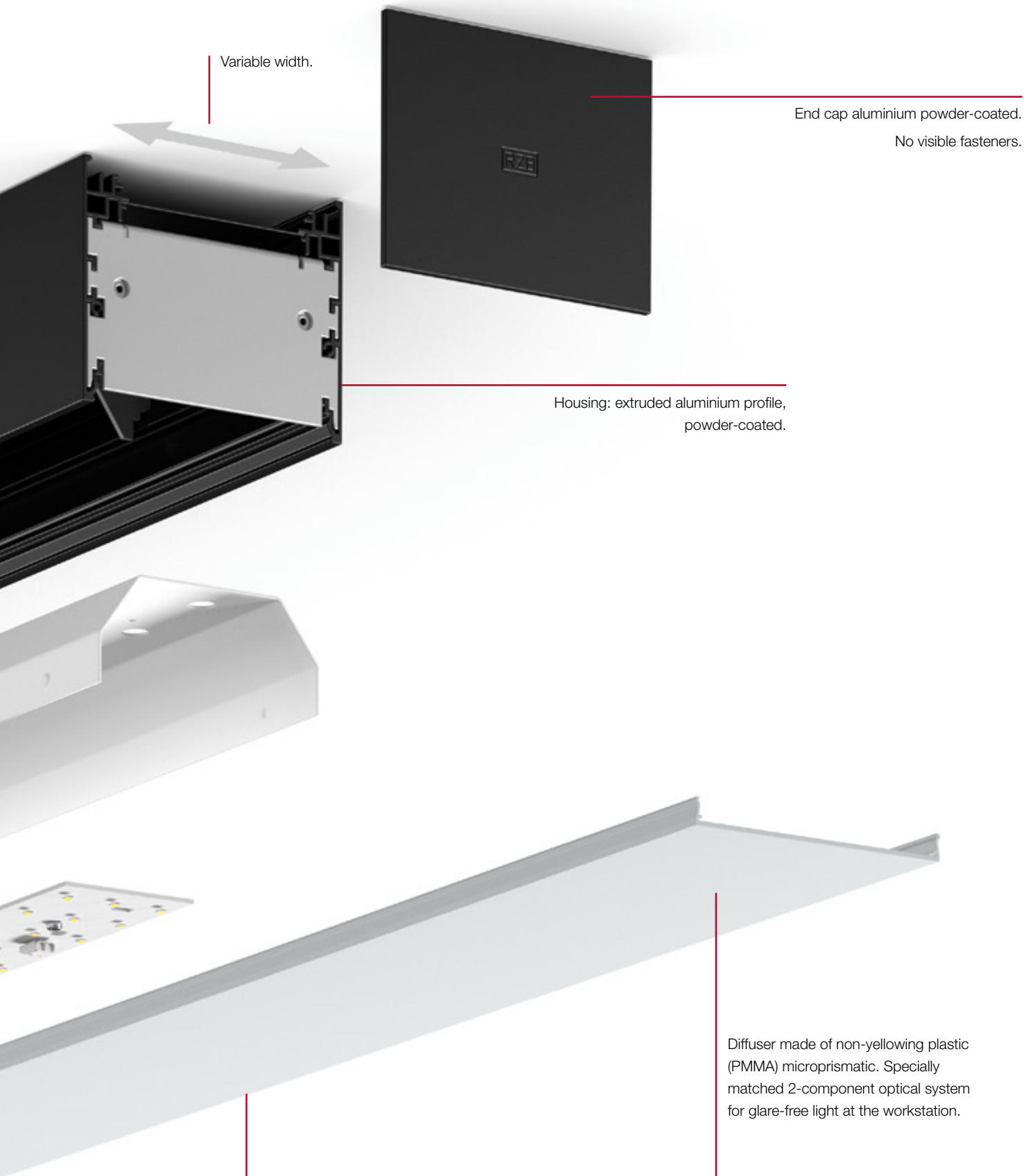


LESS IS MORE vario

Technology



Recessed luminaires:
Ceiling mounting with pre-assembled
SBS clamping bracket system.



Variable width.

End cap aluminium powder-coated.
No visible fasteners.

Housing: extruded aluminium profile,
powder-coated.

Diffuser made of non-yellowing plastic
(PMMA) microprismatic. Specially
matched 2-component optical system
for glare-free light at the workstation.



Perfect for office areas ($UGR \leq 19$) and
environments with computer screens in
accordance with EN 12464-1.



Environmentally friendly and resource-
saving due to replaceable components.

LESS IS MORE vario

The project and renovation luminaire

I am adaptable!

Flexible, innovative, unlimited possibilities.

When we say variable, we mean variable. In addition to the standard width of 100 mm and 5 standard lengths, we offer project-specific lengths with the ultra-modern linear system LESS IS MORE VARIO, as well as project-specific widths customised.

Whether elegant 70 mm or impressive 200 mm width - both are possible.

And the best thing is: everything in between can be realised with ease. This maximum of genuine flexibility ensures that we and you can react at lightning speed - saving time, money and nerves.

Together we will lead your project to success. We customise our linear system exactly to your needs and make your vision a reality!

Please contact us

<https://www.rzb.de/en/company/contact/>

70



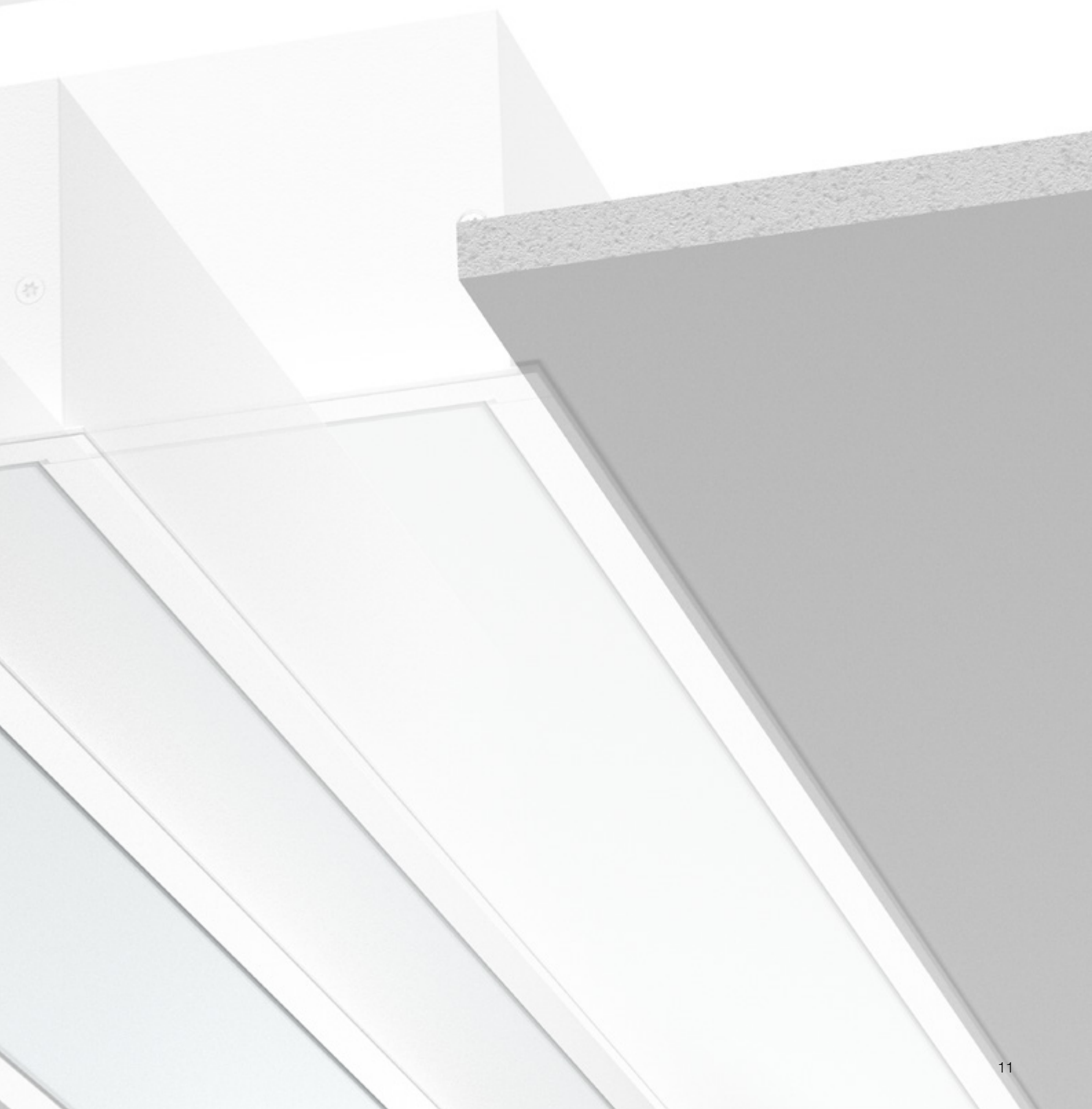
Recessed, surface-mounted and pendant luminaires

Customised widths

Maximum true flexibility

Save time, money and nerves

200



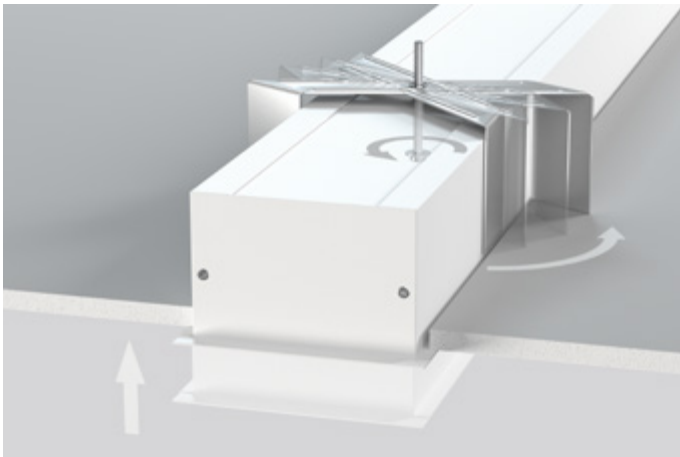
LESS IS MORE vario

My strengths in detail



+ Setting a shining example

Our energy-efficient lighting solutions are the key to environmentally friendly and cost-efficient lighting. State-of-the-art (LED) technology paired with innovative design not only provide brilliant light, but also help you to noticeably save energy and save money. Benefit from the long service life of our luminaires, the reduced operating costs and a smaller ecological footprint.



+ Just mount me

Why the LESS IS MORE VARIO is the absolute installer's favourite? Because of the comfortable mounting using the pre-assembled SBS mounting system. Insert - turn - done. It could hardly be easier.

The super quick assembly does not stop at the pendant light version. The flexible 2-point steel cable suspension is both freely positionable and infinitely variable height-adjustable.

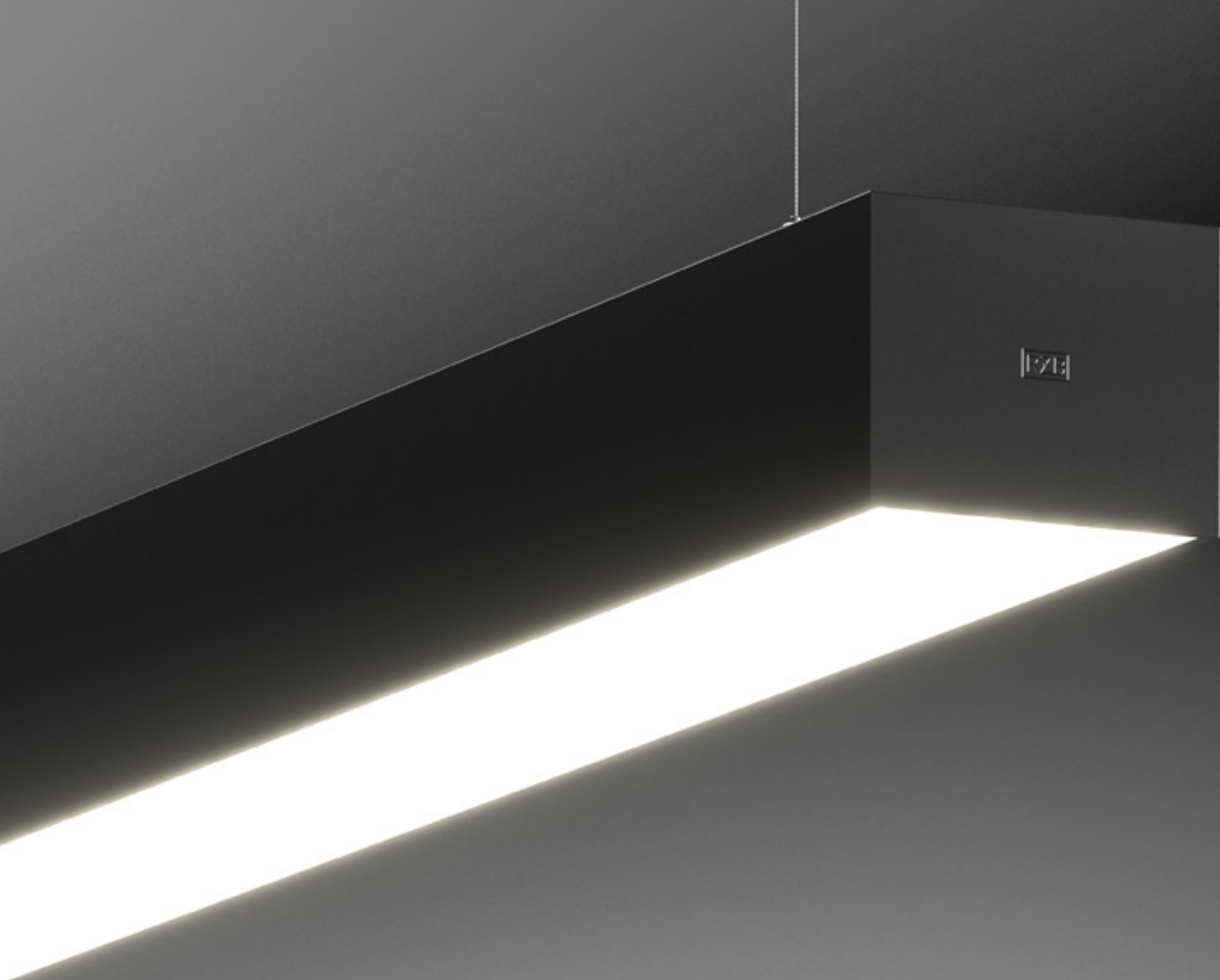


+ Blinds? Not me!

Pleasant, glare-free light at the workplace is a real must: our high-quality diffuser made of non-yellowing plastic (PMMA) with micro-prismatic structures makes it possible. Thanks to the specially harmonised 2-component optics system which improves the quality of lighting, visual comfort at the workstation is also optimised. This increases efficiency and personal well-being in your working environment.



LESS IS MORE vario



Photometrics

- ⊕ Luminous efficiency up to 146 lm/W.
- ⊕ Luminaire flux up to 7150 lm.
- ⊕ Colour temperature 3000 K and 4000 K.
- ⊕ Colour rendering index Ra > 80.
- ⊕ UGR ≤ 19 (standard width 100 mm).
- ⊕ LED rated life 50000 h (L90/B50).
- ⊕ Colour consistency within 3-steps MacAdam (3 SDCM).

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At a glance

5 standard lengths

1 Standard width 100 mm

Variable widths from 70 - 200 mm

851 mm

1131 mm

1411 mm

1691 mm

1971 mm

Recessed luminaires

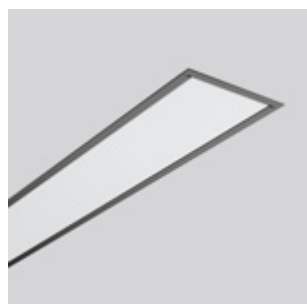
Surface-mounted luminaires

Pendant luminaires

3 colours

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Product overview



Recessed ceiling and wall luminaires | LESS IS MORE vario

Type of protection: IP 20

Protection class: I

Ceiling thickness S: 10-30 mm

Impact resistance: IK03

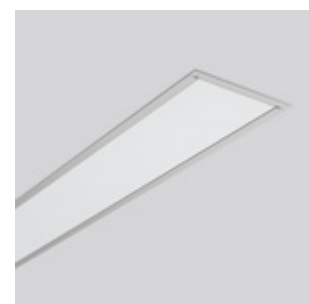
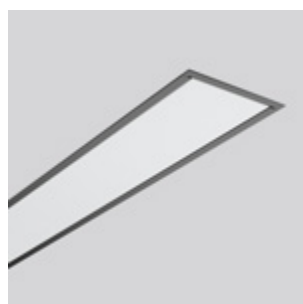
Housing: extruded aluminium profile, powder-coated. End cap aluminium powder-coated.

Diffuser made of non-yellowing plastic (PMMA) microprismatic. Specially matched 2-component optical system for glare-free light at the workstation (suitable for use in environments with computer screens in accordance with EN 12464-1). Ceiling mounting with pre-assembled SBS clamping bracket system. LED unit with integrated converter interchangeable and removable. Suitable for through-wiring. Other widths on request.

Available colours (X): 2 = white, 3 = black, 4 = silver



Reference number	Dimensions [mm]	Light colour	Luminous flux [lm]	System power [W]	System efficiency* [lm/W]	UGR	Lighting Control
Recessed ceiling and wall luminaires							Price Category 21
Length L 867 mm, LA 852 x BA 115 mm, HE 103 mm, HEL 103 mm							
312690.00X	L 867, B 124, H 2	830	1600	13	123	18	on/off
312690.00X.76	L 867, B 124, H 2	830	1600	13	123	18	DALI
312690.00X.1	L 867, B 124, H 2	840	1650	13	127	18,1	on/off
312690.00X.1.76	L 867, B 124, H 2	840	1650	13	127	18,1	DALI
Length L 1147 mm, LA 1132 x BA 115 mm, HE 103 mm, HEL 103 mm							
312691.00X	L 1147, B 124, H 2	830	2150	17	126	18,1	on/off
312691.00X.76	L 1147, B 124, H 2	830	2150	17	126	18,1	DALI
312691.00X.1	L 1147, B 124, H 2	840	2200	17	129	18,2	on/off
312691.00X.1.76	L 1147, B 124, H 2	840	2200	17	129	18,2	DALI
Length L 1427 mm, LA 1412 x BA 115 mm, HE 103 mm, HEL 103 mm							
312692.00X	L 1427, B 124, H 2	830	2700	21	129	18	on/off
312692.00X.76	L 1427, B 124, H 2	830	2700	21	129	18	DALI
312692.00X.1	L 1427, B 124, H 2	840	2800	21	133	18,1	on/off
312692.00X.1.76	L 1427, B 124, H 2	840	2800	21	133	18,1	DALI
Length L 1707 mm, LA 1692 x BA 115 mm, HE 103 mm, HEL 103 mm							
312693.00X	L 1707, B 124, H 2	830	3250	26	125	18	on/off
312693.00X.76	L 1707, B 124, H 2	830	3250	26	125	18	DALI
312693.00X.1	L 1707, B 124, H 2	840	3350	26	129	18,1	on/off
312693.00X.1.76	L 1707, B 124, H 2	840	3350	26	129	18,1	DALI
Length L 1987 mm, LA 1972 x BA 115 mm, HE 103 mm, HEL 103 mm							
312694.00X	L 1987, B 124, H 2	830	3800	29	131	18,1	on/off
312694.00X.76	L 1987, B 124, H 2	830	3800	29	131	18,1	DALI
312694.00X.1	L 1987, B 124, H 2	840	3950	29	136	18,2	on/off
312694.00X.1.76	L 1987, B 124, H 2	840	3950	29	136	18,2	DALI



Ceiling and wall luminaires | LESS IS MORE vario

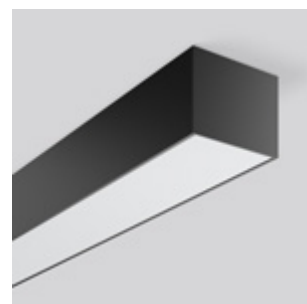
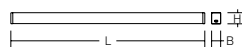
Type of protection: IP 20

Protection class: I

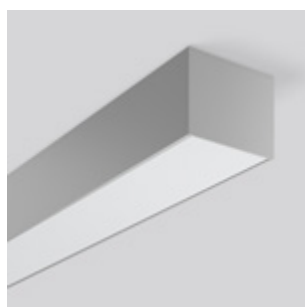
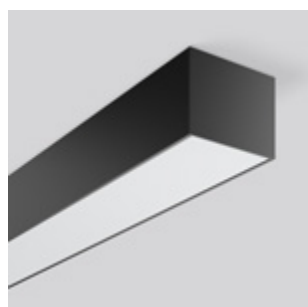
Impact resistance: IK03

Housing: extruded aluminium profile, powder-coated. End cap aluminium powder-coated, without visible screws. Diffuser made of non-yellowing plastic (PMMA) microprismatic. Specially matched 2-component optical system for glare-free light at the workstation (suitable for use in environments with computer screens in accordance with EN 12464-1). LED unit with integrated converter interchangeable and removable. Suitable for through-wiring. Other widths on request.

Available colours (X): 2 = white, 3 = black, 4 = silver

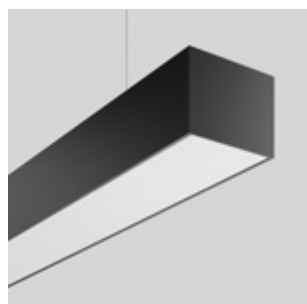


Reference number	Dimensions [mm]	Light colour	Luminous flux [lm]	System power [W]	System efficiency* [lm/W]	UGR	Lighting Control
Ceiling and wall luminaires without canopy							Price Category 21
Length L 851 mm							
312685.00X	L 851, B 110, H 88	830	1600	13	123	18	on/off
312685.00X.76	L 851, B 110, H 88	830	1600	13	123	18	DALI
312685.00X.1	L 851, B 110, H 88	840	1650	13	127	18,1	on/off
312685.00X.1.76	L 851, B 110, H 88	840	1650	13	127	18,1	DALI
Length L 1131 mm							
312686.00X	L 1131, B 110, H 88	830	2150	17	126	18,1	on/off
312686.00X.76	L 1131, B 110, H 88	830	2150	17	126	18,1	DALI
312686.00X.1	L 1131, B 110, H 88	840	2200	17	129	18,2	on/off
312686.00X.1.76	L 1131, B 110, H 88	840	2200	17	129	18,2	DALI
Length L 1411 mm							
312687.00X	L 1411, B 110, H 88	830	2700	21	129	18	on/off
312687.00X.76	L 1411, B 110, H 88	830	2700	21	129	18	DALI
312687.00X.1	L 1411, B 110, H 88	840	2800	21	133	18,1	on/off
312687.00X.1.76	L 1411, B 110, H 88	840	2800	21	133	18,1	DALI
Length L 1691 mm							
312688.00X	L 1691, B 110, H 88	830	3250	26	125	18	on/off
312688.00X.76	L 1691, B 110, H 88	830	3250	26	125	18	DALI
312688.00X.1	L 1691, B 110, H 88	840	3350	26	129	18,1	on/off
312688.00X.1.76	L 1691, B 110, H 88	840	3350	26	129	18,1	DALI
Length L 1971 mm							
312689.00X	L 1971, B 110, H 88	830	3800	29	131	18,1	on/off
312689.00X.76	L 1971, B 110, H 88	830	3800	29	131	18,1	DALI
312689.00X.1	L 1971, B 110, H 88	840	3950	29	136	18,2	on/off
312689.00X.1.76	L 1971, B 110, H 88	840	3950	29	136	18,2	DALI



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Product overview



Pendant luminaires | LESS IS MORE vario - direct

Type of protection: IP 20

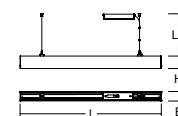
Protection class: I

Impact resistance: IK03

Suspension length LP: 2000 mm

Housing: extruded aluminium profile, powder-coated. End cap aluminium powder-coated, without visible screws. Diffuser made of non-yellowing plastic (PMMA) microprismatic. Specially matched 2-component optical system for glare-free light at the workstation (suitable for use in environments with computer screens in accordance with EN 12464-1). LED unit with integrated converter interchangeable and removable. 2-point steel cable suspension freely positionable and infinitely height-adjustable. Special lengths available on request. Canopy made of aluminium, powder-coated. Suitable for through-wiring. Other widths on request.

Available colours (X): 2 = white, 3 = black, 4 = silver



Reference number	Dimensions [mm]	Light colour	Luminous flux [lm]	System power [W]	System efficiency* [lm/W]	UGR	Lighting Control
Pendant luminaires with canopy - Direct light emission							
Length L 851 mm							
312695.00X	L 851, B 110, H 88	830	1600	13	123	18	on/off
312695.00X.76	L 851, B 110, H 88	830	1600	13	123	18	DALI
312695.00X.1	L 851, B 110, H 88	840	1650	13	127	18,1	on/off
312695.00X.1.76	L 851, B 110, H 88	840	1650	13	127	18,1	DALI
Length L 1131 mm							
312696.00X	L 1131, B 110, H 88	830	2150	17	126	18,1	on/off
312696.00X.76	L 1131, B 110, H 88	830	2150	17	126	18,1	DALI
312696.00X.1	L 1131, B 110, H 88	840	2200	17	129	18,2	on/off
312696.00X.1.76	L 1131, B 110, H 88	840	2200	17	129	18,2	DALI
Length L 1411 mm							
312697.00X	L 1411, B 110, H 88	830	2700	21	129	18	on/off
312697.00X.76	L 1411, B 110, H 88	830	2700	21	129	18	DALI
312697.00X.1	L 1411, B 110, H 88	840	2800	21	133	18,1	on/off
312697.00X.1.76	L 1411, B 110, H 88	840	2800	21	133	18,1	DALI
Length L 1691 mm							
312698.00X	L 1691, B 110, H 88	830	3250	26	125	18	on/off
312698.00X.76	L 1691, B 110, H 88	830	3250	26	125	18	DALI
312698.00X.1	L 1691, B 110, H 88	840	3350	26	129	18,1	on/off
312698.00X.1.76	L 1691, B 110, H 88	840	3350	26	129	18,1	DALI
Length L 1971 mm							
312699.00X	L 1971, B 110, H 88	830	3800	29	131	18,1	on/off
312699.00X.76	L 1971, B 110, H 88	830	3800	29	131	18,1	DALI
312699.00X.1	L 1971, B 110, H 88	840	3950	29	136	18,2	on/off
312699.00X.1.76	L 1971, B 110, H 88	840	3950	29	136	18,2	DALI

Pendant luminaires | LESS IS MORE vario - direct/indirect

Type of protection: IP 20

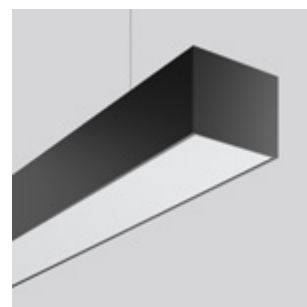
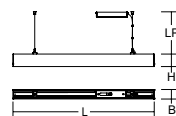
Protection class: I

Impact resistance: IK03

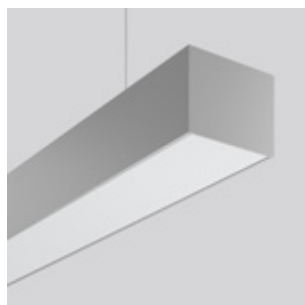
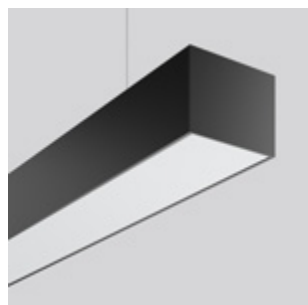
Suspension length LP: 2000 mm

Housing: extruded aluminium profile, powder-coated. End cap aluminium powder-coated, without visible screws. Diffuser made of non-yellowing plastic (PMMA) microprismatic. Specially matched 2-component optical system for glare-free light at the workstation (suitable for use in environments with computer screens in accordance with EN 12464-1). Direct/indirect light emission can be switched separately on DALI versions. LED unit with integrated converter interchangeable and removable. 2-point steel cable suspension freely positionable and infinitely height-adjustable. Special lengths available on request. Canopy made of aluminium, powder-coated. Suitable for through-wiring. Other widths on request.

Available colours (X): 2 = white, 3 = black, 4 = silver



Reference number	Dimensions [mm]	Light colour	Luminous flux [lm]	System power [W]	System efficiency* [lm/W]	UGR	Lighting Control
Pendant luminaires with canopy - Direct 65%, indirect 35% light emission							Price Category 21
Length L 851 mm							
312700.00X	L 851, B 110, H 88	830	3050	23	133	14,5	on/off
312700.00X.76	L 851, B 110, H 88	830	3050	23	133	14,5	DALI
312700.00X.1	L 851, B 110, H 88	840	3200	23	139	14,6	on/off
312700.00X.1.76	L 851, B 110, H 88	840	3200	23	139	14,6	DALI
Length L 1131 mm							
312701.00X	L 1131, B 110, H 88	830	3600	27	133	15,1	on/off
312701.00X.76	L 1131, B 110, H 88	830	3600	27	133	15,1	DALI
312701.00X.1	L 1131, B 110, H 88	840	3800	27	141	15,3	on/off
312701.00X.1.76	L 1131, B 110, H 88	840	3800	27	141	15,3	DALI
Length L 1411 mm							
312702.00X	L 1411, B 110, H 88	830	5000	36	139	14,7	on/off
312702.00X.76	L 1411, B 110, H 88	830	5000	36	139	14,7	DALI
312702.00X.1	L 1411, B 110, H 88	840	5250	36	146	14,9	on/off
312702.00X.1.76	L 1411, B 110, H 88	840	5250	36	146	14,9	DALI
Length L 1691 mm							
312703.00X	L 1691, B 110, H 88	830	5450	40	136	14,9	on/off
312703.00X.76	L 1691, B 110, H 88	830	5450	40	136	14,9	DALI
312703.00X.1	L 1691, B 110, H 88	840	5750	40	144	15,1	on/off
312703.00X.1.76	L 1691, B 110, H 88	840	5750	40	144	15,1	DALI
Length L 1971 mm							
312704.00X	L 1971, B 110, H 88	830	6800	49	139	14,8	on/off
312704.00X.76	L 1971, B 110, H 88	830	6800	49	139	14,8	DALI
312704.00X.1	L 1971, B 110, H 88	840	7150	49	146	15	on/off
312704.00X.1.76	L 1971, B 110, H 88	840	7150	49	146	15	DALI





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Ideal for 1:1 replacement

Reduce energy consumption sustainably

Increase lighting quality

2023



1983



LIGHT MANAGEMENT SYSTEMS

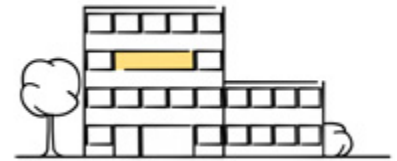
Overview



light control +³ Economy Multi DALI

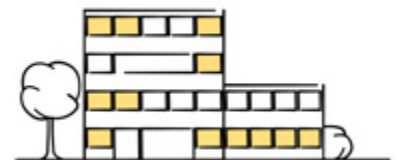
The unbeatable price/performance winner for smaller installations.

The system combines simple commissioning via smartphone, low wiring effort and flexible configuration and is therefore ideal for **group offices, conference rooms and classrooms**. Programmable buttons and sensors can also be integrated via DALI connections in order to achieve even greater energy savings. The system has an integrated timer and can therefore be used to set up HCL.



Casambi smart+free

The wireless Bluetooth® light management system for maximum functions and configuration options. **Casambi smart+free solutions are particularly suitable for applications where wireless networking is required.** The modules are also suitable for retrofitting in existing luminaires, as only a power supply is required. The module is already integrated into luminaires with the article number ending .730. With accessories from the extensive Casambi ecosystem, the system can be configured according to individual needs. The integration here is very intuitive and can be completed by users without prior knowledge in just a few minutes.



Download on the
App Store



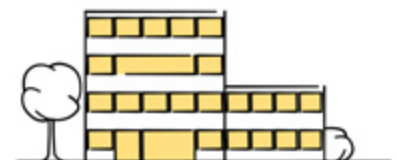
GET IT ON
Google Play

Casambi App - download now!








light control +³ Professional IoT

The future of automated light control: RZB's IoT system. Daylight-dependent control and dynamic light control up to circadian daylight simulation in Human Centric Lighting (HCL) are easy to implement. In addition, the control system can be easily networked to make luminaire data available to other systems. Automatic switch-off functions save energy and money. All this can be configured across several rooms and floors.



You still haven't found the right system for you?

Along with the systems shown here, we would also be happy to create a customised control system for your project. Please contact your designated on-site sales employee (see inside of the cover) or contact our Planning department via e-mail at ims@rzb-leuchten.de or by phone at +49 951 / 79 09-396.

	light control +³ Economy Multi DALI 	Casambi smart+free 	light control +³ Professional IoT 
Application	Single room	Wireless networking	Building control
Can be combined with			
Communication	wired	wireless	wired
Infrastructure requirements	L, N, PE, DA, DA (5 wires cable)	L, N, PE (3 wires cable)	L, N, PE, DA, DA (5 wires cable)
Commissioning	by electrician	by electrician	RZB service technician
Configuration	App, Plug & Play	App, Remote access	PC-Tool, Remote access
Operation	Switches, Buttons, App	Switches, Buttons, App	Switches, Buttons, App, Web access
Number of luminaires (1 EB) <small>(Number of luminaires depends on the number of EB in the luminaire)</small>	32	up to 64 depending on the module	128
Number of sensors / push-button coupler <small>(presence, motion)</small>	4	1 per module	126
Dimmable	✓	✓	✓
Motion / presence detection	✓	✓	✓
Daylight-dependent control	✓	✓	✓
Scenes / Groups	✓	✓	✓
Timer / Calendar functions	✓	✓	✓
HCL / Tunable White	✓	✓	✓
RGB		✓	✓
Network integration		✓	✓
Remote access: programming, operation, maintenance		✓	✓
IoT ready		✓	✓
Predictive maintenance, monitoring, read out luminaire data			✓
Beacon for indoor navigation, tracking, asset management		✓	
Luminaires with the reference number extension	.76 (DALI)	.730 (smart+free)	.76 (DALI)



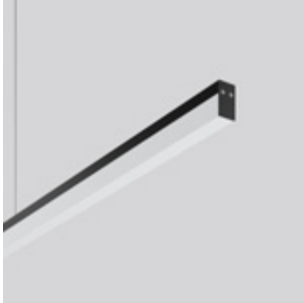
LESS IS MORE vario

Also ideal for lighting in your new-build projects

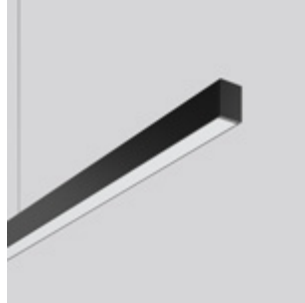
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Discover the possibilities...

Further luminaires, matching this series:



⊕ LESS IS MORE 21



⊕ LESS IS MORE 27



⊕ LESS IS MORE 50

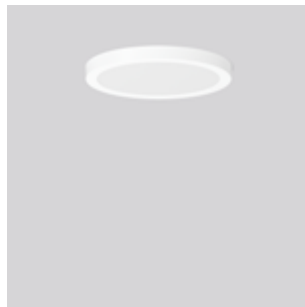


⊕ LESS IS MORE BEAMLINE

Other luminaires ideal for your refurbishment projects:



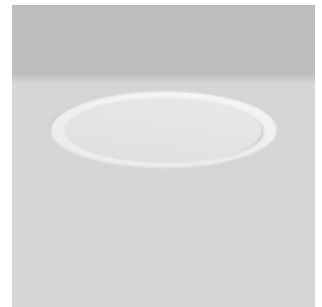
⊕ PLANADO



⊕ TRIXY



⊕ SIDELITE ECO



⊕ TOLEDO FLAT+

Highest product and consulting quality

⊕ Reliability

We are your reliable partner. From the first idea to the implementation and far beyond, we accompany your project. Personal, passionate and individual. Thanks to our excellent expertise, top product quality and services such as light planning, economic efficiency analysis and commissioning, we meet the high demands of all parties involved in the planning process.

- ✓ availability of BIM files
- ✓ easy and quick installation
- ✓ quality and long warranty

⊕ Warranty

The creation of high quality lighting solutions is our passion. Our products are developed and manufactured with the utmost care.

In addition to SMART TECHNOLOGY and EXCELLENT DESIGN, we are dedicated to manufacture luminaires of highest quality throughout the entire value chain through to After Sales Service.

Because of this, we confidently grant you a 5 years warranty on LED luminaires and 2 years warranty on emergency luminaires with effect of the date of invoice without prior registration of your project.

Warranty terms to be found under

rzb.de/en/service/led-luminaire-warranty

RZB - For a tangible added value.



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