



**MODERNISATION?  
TRIXY ALWAYS FITS!**

**TRIXY**

THE ALL-IN-ONE DOWNLIGHTING SOLUTION

# TRIXY

Overview



Surface and recessed mounted downlights



**TRIXY round**  
page 10



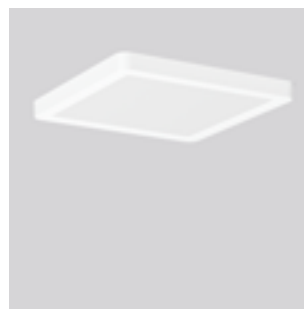
**TRIXY square**  
page 11



Combined luminaires for escape route illumination



**TRIXY round**  
page 13



**TRIXY square**  
page 14



# TRIXY

The ALL-IN-ONE downlighting solution

## Welcome to our fabulous hat trick TRIXY!

If we had not developed it, we would not believe it: TRIXY is the unique downlight with triple multi-functionality - and thus, a hat trick among its equals.

MultiColour and MultiLumen function allow the user to switch between two colour temperatures and three luminous fluxes in no time at all, simply using the toggle switch on the back. Thanks to the adjustable spring clamps, the MultiCutOut equipment ensures that TRIXY can be fitted effortlessly and without tools into a wide variety of ceiling cut-outs. The resulting versatility of the luminaire is immense; their utility value is as amazingly high as the price is low (TRIXY is anything but tricky). Even the most tricky requirements in the context of “unpredictable” renovation projects can be easily solved with this exceptionally flexible surface mounted and recessed downlight. The lateral LED light emission ensures powerful, soft and uniform light at all times.

## Architecture

- ⊕ **Versatile:** Flat downlight for recessed or surface installation in 2 sizes and in 2 shapes.
- ⊕ **Clever:** 3-fold multi-function: MultiColour, MultiLumen, MultiCutOut.
- ⊕ **Perfect:** The MultiCutOut function makes it particularly suitable for renovations with existing ceiling cut-outs.
- ⊕ **Reduced:** Very low installation height.
- ⊕ **Combinable:** Also available as an emergency luminaire in accordance with EN 60598-2-22.
- ⊕ **Applicable:** Renovations, corridors, side rooms, hotels, restaurants, conference and private rooms.

## Lighting design

- ⊕ **Uniform:** RZB SIDELITE® technology: Lateral light injection for extremely homogeneous light distribution.
- ⊕ **Efficient:** Luminous efficacy up to 125 lm/W.
- ⊕ **MultiColour:** with rear switching element, variable colour temperature 3000 K or 4000 K.
- ⊕ **MultiLumen:** Luminous flux adjustable in 3 steps.
- ⊕ **Advantageous:** Colour rendering index Ra > 80.  
Colour tolerance within 4-steps MacAdam (4 SDCM). LED rated life 40000 h (L70/B50).

## Installation

- ⊕ **MultiCutOut:** With adjustable spring clamps, different round and square ceiling cut-outs can be individually adhered to.
- ⊕ **Advantageous:** Suitable for ceiling and wall mounting.
- ⊕ **Versatile:** With integrated converter.
- ⊕ **Optimum:** Suitable for through-wiring.



# TRIXY

Technology

Recessed mounting

**MultiCutOut:**  
Adjustable spring clamps for  
different ceiling cut-outs  
from 65-205 mm (235 mm versions)  
or 120-260 mm (300 mm versions)  
Ceiling thickness from 5-25 mm



Suitable for through-wiring



Adjustable  
spring clamps



**MultiLumen:** 3 steps  
adjustable luminous flux



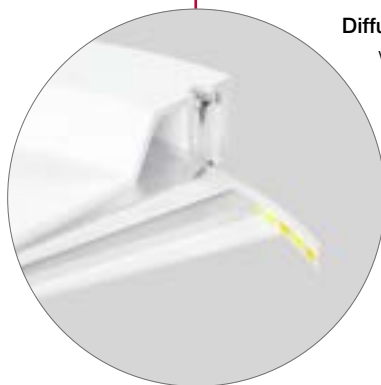
**MultiColour:** Colour temperature  
adjustable via switching element  
to 3000 K or 4000 K



Surface mounting



RZB SIDELITE® technology:  
Lateral light injection for extremely  
homogeneous light distribution.



**Diffuser:** Plastic, transparent,  
with opal reflector foil.









## PHOTOMETRICS

- ⊕ Luminous efficacy up to 125 lm/W
- ⊕ Luminous flux from 990 up to 2,600 lm, each adjustable in 3 steps
- ⊕ Colour temperatures adjustable to 3000 K or 4000 K
- ⊕ Colour rendering index Ra > 80
- ⊕ Particularly homogeneous, soft and glare-free light thanks to the use of Sidelite® technology
- ⊕ LED rated life 40,000 h (L70, B50)
- ⊕ Good colour consistency within 4-steps MacAdam (4 SDCM)

# TRIXY

## Product overview



### Surface and recessed mounted downlights | TRIXY round

Type of protection: IP 20  
 Protection class: II  
 Ceiling thickness S: 5-25 mm  
 Impact protection: IK03

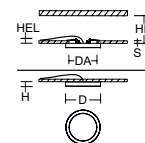
Housing made of UV-resistant polycarbonate. Perfect heat management with an aluminium heat sink. Diffuser: plastic (PMMA), transparent, with opal reflector foil. Lateral light emission (RZB SIDELITE® technology) for homogeneous light distribution. Suitable for recessed mounting in ceilings and surface mounting on ceilings and walls. Driver integrated. Suitable for through-wiring.

Available colour: 2 = white

**MultiColour:** Colour temperature adjustable via switching element. Factory setting is 4000 K

**MultiLumen:** Luminous flux adjustable in 3 steps. Factory setting is the highest luminous flux.

**MultiCutOut:** With adjustable spring clamps, different ceiling cut-outs can be individually adhered to.



### Comparison LED vs. conventional lamps

#### LED 9 W ≈

2 x 13 W TC-D (38 W Psys)

#### LED 14 / 15 W ≈

2 x 18 W TC-D (52 W Psys)

#### LED 22 W ≈

2 x 26 W TC-D (68 W Psys)

Reference number	Dimensions [mm]	Light colour	Luminous flux [lm]	System power [W]	System efficiency# [lm/W]	UGR	Lighting control
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#### Surface and recessed mounted downlights

Price Category 21

#### Ceiling cut out DA adjustable from 65 mm to 205 mm, minimum mechanical height installed HEL 25 mm

901717.002 Q D 235, H 22, HE 82 830, 840 990...1650 9...15 122 113 25,2...26,9 on/off

#### Ceiling cut out DA adjustable from 120 mm to 260 mm, minimum mechanical height installed HEL 25 mm

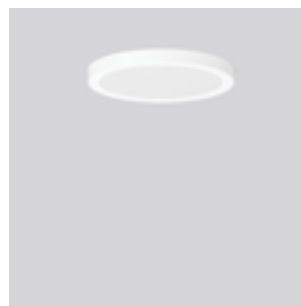
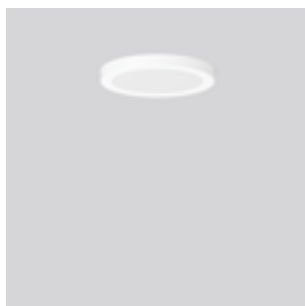
901718.002 D 300, H 25, HE 82 830, 840 1600...2600 14...22 125 113 24,8...26,5 on/off

**MultiLumen/MultiColour:** Specification of the lowest and highest possible lumen output. You will find more detailed information on [www.rzb-lighting.com](http://www.rzb-lighting.com).

### Adjustable luminous flux MultiLumen

901717.002			
Step	Luminous flux [lm]		System power [W]
	3000 K	4000 K	
1	990	1100	9
2	1250	1400	12
3	1500	1650	15

901718.002			
Step	Luminous flux [lm]		System power [W]
	3000 K	4000 K	
1	1600	1750	14
2	2000	2200	18
3	2300	2600	22



### Surface and recessed mounted downlights | TRIXY square

Type of protection: IP 20  
 Protection class: II  
 Ceiling thickness S: 5-25 mm  
 Impact protection: IK02

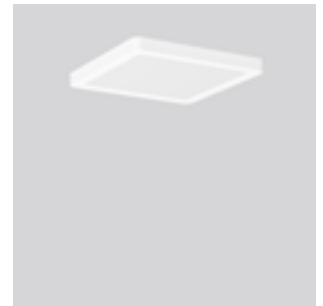
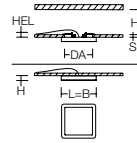
Housing made of UV-resistant polycarbonate. Perfect heat management with an aluminium heat sink. Diffuser: plastic (PMMA), transparent, with opal reflector foil. Lateral light emission (RZB SIDELITE® technology) for homogeneous light distribution. Suitable for recessed mounting in ceilings and surface mounting on ceilings and walls. Driver integrated. Suitable for through-wiring.

Available colour: 2 = white

**MultiColour:** Colour temperature adjustable via switching element. Factory setting is 4000 K.

**MultiLumen:** Luminous flux adjustable in 3 steps. Factory setting is the highest luminous flux.

**MultiCutOut:** With adjustable spring clamps, different ceiling cut-outs can be individually adhered to.



Reference number	Dimensions [mm]	Light colour	Luminous flux [lm]	System power [W]	System efficiency* [lm/W]	$\alpha$ [°]	UGR	Lighting control
<b>Surface and recessed mounted downlights</b>								
<b>Price Category 21</b>								
<b>Ceiling cut out DA adjustable from 65 mm to 205 mm, minimum mechanical height installed HEL 25 mm</b>								
901722.002	L 235, B 235, H 22, HE 82	830, 840	990...1700	9...15	117	114	24,3...26,2	on/off
<b>Ceiling cut out DA adjustable from 120 mm to 260 mm, minimum mechanical height installed HEL 25 mm</b>								
901723.002	L 300, B 300, H 25, HE 82	830, 840	1550...2550	14...22	118	114	23,9...25,6	on/off

**MultiLumen/MultiColour:** Specification of the lowest and highest possible lumen output. You will find more detailed information on [www.rzb-lighting.com](http://www.rzb-lighting.com).

### Comparison LED vs. conventional lamps

- LED 9 W ≈**  
2 x 13 W TC-D (38 W Psys)
- LED 14 / 15 W ≈**  
2 x 18 W TC-D (52 W Psys)
- LED 22 W ≈**  
2 x 26 W TC-D (68 W Psys)

### Adjustable luminous flux MultiLumen

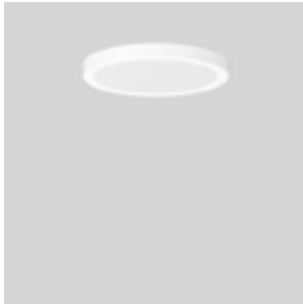
901722.002			
Step	Luminous flux [lm]		System power [W]
	3000 K	4000 K	
1	990	1050	9
2	1250	1350	12
3	1500	1700	15

901723.002			
Step	Luminous flux [lm]		System power [W]
	3000 K	4000 K	
1	1550	1650	14
2	1900	2150	18
3	2250	2550	22



# TRIXY

## Product overview | Emergency lighting



### Recessed downlights | TRIXY round

Type of protection: IP 20  
 Protection class: I, II  
 Ceiling thickness S: 5-25 mm  
 Impact protection: IK03

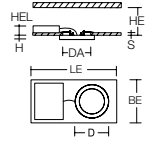
Housing made of UV-resistant polycarbonate. Perfect heat management with an aluminium heat sink. Diffuser: plastic (PMMA), transparent, with opal reflector foil. Lateral light emission (RZB SIDELITE® technology) for homogeneous light distribution. Suitable for recessed mounting in ceilings and surface mounting on ceilings and walls. Driver integrated. Suitable for through-wiring.

Available colour: 2 = white

**MultiColour:** Colour temperature adjustable via switching element. Factory setting is 4000 K.

**MultiLumen:** Luminous flux adjustable in 3 steps. Factory setting is the highest luminous flux.

**MultiCutOut:** With adjustable spring clamps, different ceiling cut-outs can be individually adhered to.



### Self-contained emergency luminaires

Voltage type: AC  
 Automatic self test in all standard versions.  
 Operating mode: Can either be connected in non-maintained power mode (BS) or in maintained power mode (DS).

### Luminaires for central battery system

Voltage type: AC/DC

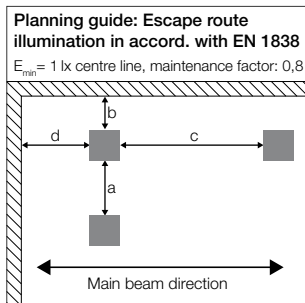
Reference number	Dimensions [mm]	Light colour	Luminous flux [lm]	Luminous flux emergency [lm]	System power [W]	Battery	⌚ [h]	Monitoring
<b>Self-contained emergency luminaires</b>								
<b>Ceiling cut out DA adjustable from 100 mm to 205 mm, HE 220 mm</b>								
672584.002	D 235, H 22, HEL 65	830, 840	990...1650	380	12	LiFePO4	3	Autotest
672584.002.04	D 235, H 22, HEL 65	830, 840	990...1650	380	12	LiFePO4	3	MultiDigit
672584.002.07	D 235, H 22, HEL 65	830, 840	990...1650	380	12	LiFePO4	3	DALI-Sibe
672585.002	D 235, H 22, HEL 65	830, 840	990...1650	150	12	LiFePO4	8	Autotest
672585.002.04	D 235, H 22, HEL 65	830, 840	990...1650	150	12	LiFePO4	8	MultiDigit
672585.002.07	D 235, H 22, HEL 65	830, 840	990...1650	150	12	LiFePO4	8	DALI-Sibe
<b>Ceiling cut out DA adjustable from 120 mm to 260 mm, HE 165 mm</b>								
672587.002	D 300, H 25, HEL 65	830, 840	1600...2600	400	16	LiFePO4	3	Autotest
672587.002.04	D 300, H 25, HEL 65	830, 840	1600...2600	400	16	LiFePO4	3	MultiDigit
672587.002.07	D 300, H 25, HEL 65	830, 840	1600...2600	400	16	LiFePO4	3	DALI-Sibe
672588.002	D 300, H 22, HEL 65	830, 840	1600...2600	150	16	LiFePO4	8	Autotest
672588.002.04	D 300, H 22, HEL 65	830, 840	1600...2600	150	16	LiFePO4	8	MultiDigit
672588.002.07	D 300, H 22, HEL 65	830, 840	1600...2600	150	16	LiFePO4	8	DALI-Sibe

**MultiLumen/MultiColour:** Specification of the lowest and highest possible lumen output. You will find more detailed information on [www.rzb-lighting.com](http://www.rzb-lighting.com).

### Luminaires for central battery system

Price Category 24

<b>Ceiling cut out DA adjustable from 100 mm to 205 mm, HE 220 mm</b>								
672586.002	D 235, H 22, HEL 65	830	1500	800	16	without battery		Standard
672586.002.89	D 235, H 22, HEL 65	830	1500	800	16	without battery		AC-Control
672586.002.1	D 235, H 22, HEL 65	840	1650	800	15	without battery		Standard
672586.002.1.89	D 235, H 22, HEL 65	840	1650	800	16	without battery		AC-Control
<b>Ceiling cut out DA adjustable from 120 mm to 260 mm, HE 165 mm</b>								
672589.002	D 300, H 25, HEL 65	830	2300	800	22	without battery		Standard
672589.002.89	D 300, H 25, HEL 65	830	2300	800	24	without battery		AC-Control
672589.002.1	D 300, H 25, HEL 65	840	2600	800	22	without battery		Standard
672589.002.1.89	D 300, H 25, HEL 65	840	2600	800	23	without battery		AC-Control



<b>672584.002</b>					
Luminous flux emergency: 380 lm					
Following values are indicated in m					
h	a	b	c	d	
2,5	14,0	5,8	14,0	5,8	
3,0	15,2	6,2	15,2	6,2	
3,5	16,3	6,7	16,3	6,7	
4,0	17,3	7,0	17,3	7,0	

<b>672585.002</b>					
Luminous flux emergency: 150 lm					
Following values are indicated in m					
h	a	b	c	d	
2,5	14,0	5,8	14,0	5,8	
3,0	15,2	6,2	15,2	6,2	
3,5	16,3	6,7	16,3	6,7	
4,0	17,3	7,0	17,3	7,0	

<b>672586.002</b>					
Luminous flux emergency: 800 lm					
Following values are indicated in m					
h	a	b	c	d	
2,5	15,2	6,3	15,2	6,3	
3,0	16,6	6,8	16,6	6,8	
3,5	17,8	7,3	17,8	7,3	
4,0	18,9	7,7	18,9	7,7	

<b>672587.002</b>					
Luminous flux emergency: 400 lm					
Following values are indicated in m					
h	a	b	c	d	
2,5	15,8	6,6	15,8	6,6	
3,0	17,3	7,1	17,3	7,1	
3,5	18,6	7,6	18,6	7,6	
4,0	19,7	8,1	19,7	8,1	

### Recessed downlights | TRIXY square

Type of protection: IP 20  
 Protection class: I, II  
 Ceiling thickness S: 5-25 mm  
 Impact protection: IK03

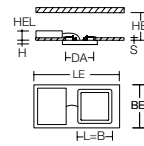
Housing made of UV-resistant polycarbonate. Perfect heat management with an aluminium heat sink.  
 Diffuser: plastic (PMMA), transparent, with opal reflector foil. Lateral light emission (RZB SIDELITE® technology) for homogeneous light distribution. Suitable for recessed mounting in ceilings and surface mounting on ceilings and walls. Driver integrated. Suitable for through-wiring.

Available colour: 2 = white

**MultiColour:** Colour temperature adjustable via switching element. Factory setting is 4000 K.

**MultiLumen:** Luminous flux adjustable in 3 steps. Factory setting is the highest luminous flux.

**MultiCutOut:** With adjustable spring clamps, different ceiling cut-outs can be individually adhered to.



### Self-contained emergency luminaires

Voltage type: AC  
 Automatic self test in all standard versions.  
 Operating mode: Can either be connected in non-maintained power mode (BS) or in maintained power mode (DS).

### Luminaires for central battery system

Voltage type: AC/DC

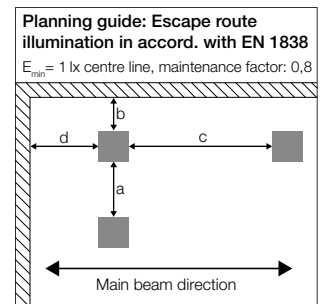
Reference number	Dimensions [mm]	Light colour	Luminous flux [lm]	Luminous flux emergency [lm]	System power [W]	Battery	Monitoring [h]	Monitoring
<b>Self-contained emergency luminaires</b>								
<b>Ceiling cut out DA adjustable from 100 mm to 205 mm, HE 220 mm</b>								
672590.002	L 235, B 235, H 22, HEL 65	830, 840	990...1700	390	12	LiFePO4	3	Autotest
672590.002.04	L 235, B 235, H 22, HEL 65	830, 840	990...1700	390	12	LiFePO4	3	MultiDigit
672590.002.07	L 235, B 235, H 22, HEL 65	830, 840	990...1700	390	12	LiFePO4	3	DALI-Sibe
672591.002	L 235, B 235, H 22, HEL 65	830, 840	990...1700	140	12	LiFePO4	8	Autotest
672591.002.04	L 235, B 235, H 22, HEL 65	830, 840	990...1700	140	12	LiFePO4	8	MultiDigit
672591.002.07	L 235, B 235, H 22, HEL 65	830, 840	990...1700	140	12	LiFePO4	8	DALI-Sibe
<b>Ceiling cut out DA adjustable from 120 mm to 260 mm, HE 165 mm</b>								
672593.002	L 300, B 300, H 25, HEL 65	830, 840	1550...2550	390	16	LiFePO4	3	Autotest
672593.002.04	L 300, B 300, H 25, HEL 65	830, 840	1550...2550	390	16	LiFePO4	3	MultiDigit
672593.002.07	L 300, B 300, H 25, HEL 65	830, 840	1550...2550	390	16	LiFePO4	3	DALI-Sibe
672594.002	L 300, B 300, H 25, HEL 65	830, 840	1550...2550	140	16	LiFePO4	8	Autotest
672594.002.04	L 300, B 300, H 25, HEL 65	830, 840	1550...2550	140	16	LiFePO4	8	MultiDigit
672594.002.07	L 300, B 300, H 25, HEL 65	830, 840	1550...2550	140	16	LiFePO4	8	DALI-Sibe

**MultiLumen/MultiColour:** Specification of the lowest and highest possible lumen output. You will find more detailed information on [www.rzb-lighting.com](http://www.rzb-lighting.com).

### Luminaires for central battery system

Price Category 24

<b>Ceiling cut out DA adjustable from 100 mm to 205 mm, HE 220 mm</b>								
672592.002	L 235, B 235, H 22, HEL 65	830	1500	800	16	without battery		Standard
672592.002.89	L 235, B 235, H 22, HEL 65	830	1500	800	16	without battery		AC-Control
672592.002.1	L 235, B 235, H 22, HEL 65	840	1700	800	15	without battery		Standard
672592.002.1.89	L 235, B 235, H 22, HEL 65	840	1700	800	16	without battery		AC-Control
<b>Ceiling cut out DA adjustable from 120 mm to 260 mm, HE 165 mm</b>								
672595.002	L 300, B 300, H 25, HEL 65	830	2250	800	22	without battery		Standard
672595.002.89	L 300, B 300, H 25, HEL 65	830	2250	800	24	without battery		AC-Control
672595.002.1	L 300, B 300, H 25, HEL 65	840	2550	800	22	without battery		Standard
672595.002.1.89	L 300, B 300, H 25, HEL 65	840	2550	800	23	without battery		AC-Control



672590.002					
Luminous flux emergency: 390 lm					
Following values are indicated in m					
h	a	b	c	d	
2,5	13,8	5,7	13,8	5,7	
3,0	15,1	6,2	15,1	6,2	
3,5	16,1	6,6	16,1	6,6	
4,0	17,1	6,9	17,1	6,9	

672591.002					
Luminous flux emergency: 140 lm					
Following values are indicated in m					
h	a	b	c	d	
2,5	13,8	5,7	13,8	5,7	
3,0	15,1	6,2	15,1	6,2	
3,5	16,1	6,6	16,1	6,6	
4,0	17,1	6,9	17,1	6,9	

672592.002					
Luminous flux emergency: 800 lm					
Following values are indicated in m					
h	a	b	c	d	
2,5	15,2	6,3	15,2	6,3	
3,0	16,6	6,8	16,6	6,8	
3,5	17,8	7,3	17,8	7,3	
4,0	18,9	7,7	18,9	7,7	

672593.002					
Luminous flux emergency: 390 lm					
Following values are indicated in m					
h	a	b	c	d	
2,5	15,6	6,5	15,6	6,5	
3,0	17,0	7,0	17,0	7,0	
3,5	18,3	7,5	18,3	7,5	
4,0	19,4	7,9	19,4	7,9	

# TRIXY

Existing ceiling cut outs?

NO PROBLEM!



↓ TAKE IT OUT!  
e.g. Low-voltage spotlight  
Ceiling cut out from 65 mm



↓ TAKE IT OUT!  
e.g. Fluorescent downlight  
Ceiling cut out 175 mm



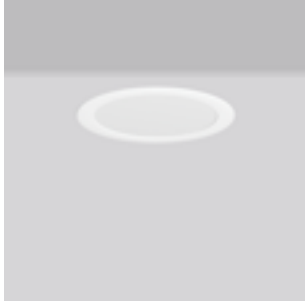
↓ TAKE IT OUT!  
e.g. Fluorescent downlight  
Ceiling cut out up to 260 mm



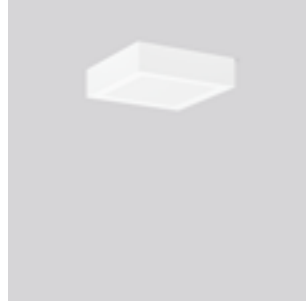
PUT TRIXY IN!



## FURTHER LUMINAIRES, MATCHING THIS SERIES:



⊕ Toledo Flat  
Recessed downlights



⊕ Toledo Flat  
Surface mounted downlights



⊕ Flat Kreis  
Ceiling and wall luminaires



⊕ Hemis  
Ceiling luminaires

## 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 lighting design, 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](https://www.rzb.de/en/service/led-luminaire-warranty)

**RZB - FOR A TANGIBLE ADDED VALUE.**



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[export@rzb.eu](mailto:export@rzb.eu)

