



# HIGHLIGHTS 2024

New products and additions to the range



<b>INDOOR LIGHTING</b>	<b>5</b>
<b>OUTDOOR LIGHTING</b>	<b>49</b>
<b>EMERGENCY LIGHTING</b>	<b>57</b>
<b>RZB ENERGY</b>	<b>65</b>
<b>APPENDIX</b>	<b>71</b>
Icons	72
Customer contact	76

This brochure provides an overview of the new products in the RZB luminaire range.

As our luminaires are technical devices, they may only be used for their intended purpose and in accordance with our specifications.

Any use of our products in a manner not authorized by us, as well as effecting any change in any of our products, will exempt us from any legal obligations in the event of loss, damage or injury – except insofar as we authorize such nonconformance in writing.

We reserve the right to make changes in our products at any time without notice. Our standard terms and conditions of sale and delivery can be found on [www.rzb-lighting.com](http://www.rzb-lighting.com).

# HIGHLIGHTS 2024

## Overview

### INDOOR LIGHTING



#### TRIONA

Recessed, surface-mounted and suspended modular luminaires

Page 6



#### KALEEA

Recessed and surface-mounted modular luminaires

Page 8



#### KALEEA BASIC

Recessed and surface-mounted modular luminaires

Page 10



#### LESS IS MORE BEAMLINER

Linear systems

Page 12



#### LESS IS MORE vario

Linear systems

Page 14



#### FLAT SLIM

Recessed-mounted and pendant luminaires

Page 16



#### MONDANA

Surface-mounted and pendant luminaires

Page 18



#### PLANADO

Surface-mounted luminaires

Page 20



#### PLANIA

Surface-mounted luminaires

Page 22



#### PLANTOS

Luminaires for moist/humid environments

Page 24



#### SARINA

Surface-mounted luminaires

Page 26



#### TOLEDO FLAT+

Recessed and surface-mounted downlights

Page 28



#### TRIXY

Recessed and surface-mounted downlights

Page 30



#### RONDOS

Recessed projectors

Page 32



#### DEECOS

Recessed, surface-mounted and pendant projectors

Page 34



#### CALIDO CLICKBEAM

Surface-mounted projector

Page 36



#### ARLINE

Surface-mounted projector

Page 38



#### TX-MOVE

Recessed and surface-mounted projector

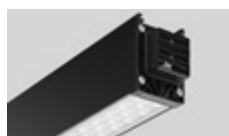
Page 40



#### BEAMLINER SLIM

Recessed and surface-mounted projector

Page 42



#### LINEDO

Continuous line luminaire system

Page 44



#### LINEDO 50

Continuous line luminaire system

Page 46



## OUTDOOR LIGHTING

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### DESMONDO

Wall luminaires  
Page 50



### LIGHTSTREAM

Floodlights and pole luminaires  
Page 54



### ANDHO

Surface-mounted downlights,  
floodlights and pole luminaires  
Page 52

## EMERGENCY LIGHTING

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### MULTIDIGIT air

Scalable wireless monitoring system for  
self-contained emergency luminaires  
Page 58



### BATTERY PACK

Safe operation of self-contained  
emergency lights down  
to -20°C in outdoor areas  
Page 62



### SMART+IP

Convenient NFC programming of  
self-contained emergency luminaires  
Page 60

## RZB ENERGY

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### RZB ENERGY

From light to charging  
Page 66

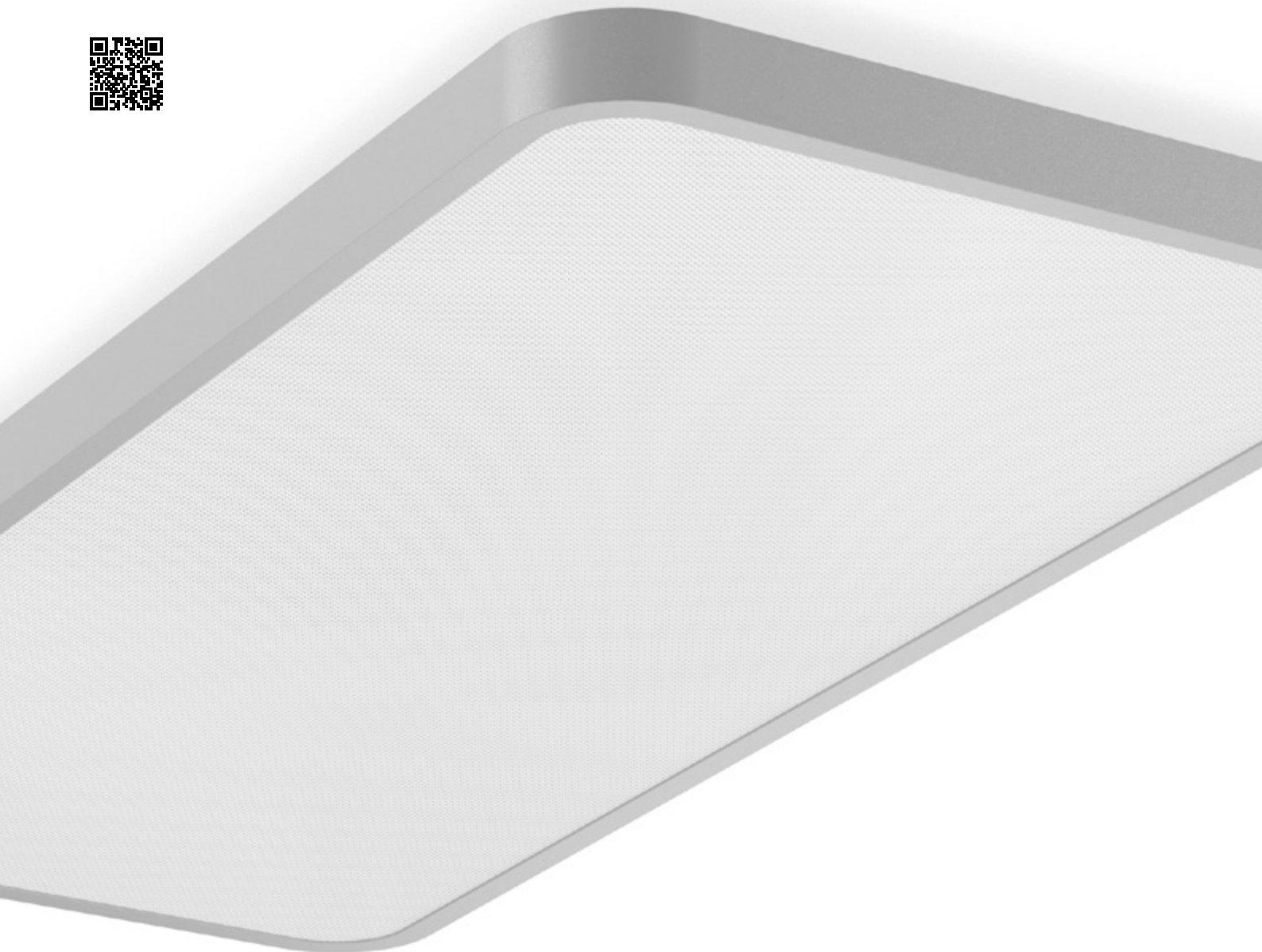






# TRIONA

Lighting innovation times 3



## Technical data

Luminous efficiency up to 141 lm/W.

Luminaire flux from 2000 to 18900 lm.

System power from 28 to 149 W.

Light colour 3000 K | 4000 K | 2700-6500 K.

LED rated life 50000 h (L90/B50).

Dimensions: TRIONA round: Four diameters from 461 to 1009 mm.

TRIONA square: Three edge lengths from 567 to 825 mm.

TRIONA rectangle: Three lengths from 1040 to 1560 mm | width 350 mm.

TRIONA rectangle: A length of 1300 mm | width 600 mm.



Recessed luminaires

Surface-mounted luminaires

Pendant luminaires



Available colours



5 diffusers for optimal illumination

Ideal for use as part of a Human Centric Lighting (HCL) concept

Direct or direct/indirect light emission

## Architecture

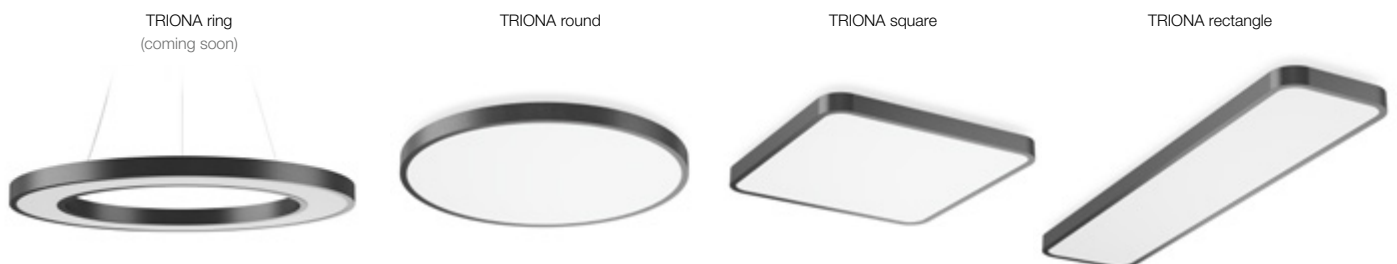
- ⊕ **Versatile:** Recessed, surface-mounted and suspended luminaires.
- ⊕ **Design-oriented:** This lighting fixture's diffuser is incorporated into an extruded aluminium profile just 50 mm thick.
- ⊕ **Individual:** Design of the distinctive surface luminaire with an opal/prismatic plastic diffuser or with handmade FerroMurano glass diffuser in 3 colour variants.

## Lighting design

- ⊕ **Homogenous:** Particularly homogeneous, soft and glare-free light.
- ⊕ **Anti-glare:** Versions suitable for office areas and computer workstations.
- ⊕ **Applicable:** Tunable White versions are predestined for use in the context of Human Centric Lighting (HCL) in combination with RZB light management systems.
- ⊕ **Advantageous:** Direct or direct/indirect light emission.

## Installation

- ⊕ **Easy installation:** Tool-free assembly.
- ⊕ **Straightforward:** Very easy installation thanks to plug & play connection.
- ⊕ **Connected:** Versions with Casambi smart+free Bluetooth® control system for wireless network.
- ⊕ **Sustainable:** Environmentally friendly and resource-saving due to replaceable and recyclable components.





# KALEEA

Efficiency with format



## Technical data

Luminous efficiency up to 165 lm/W.

Luminaire flux from 2900 to 6100 lm.

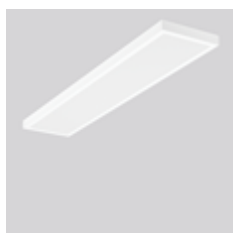
System power from 20 to 36 W.

Light colour 4000 K.

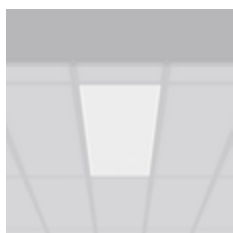
LED rated life 50000 h (L80/B50).

Dimensions: Recessed luminaires module 600 | 625 | 1250 mm.

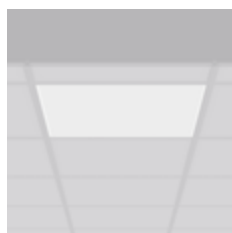
Surface-mounted luminaires 1262 | 1562 x 325 mm.



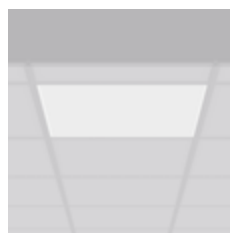
Surface-mounted luminaires



Recessed luminaires



Recessed luminaires



Escape route illumination



Available colour





1:1 replacement for fluorescent luminaires

Sustainably reduce energy consumption

Ideal for all office solutions

## Architecture

- ⊕ **Versatile:** 2 designs, 4 sizes, 2 types of installation.
- ⊕ **Long service life:** Version with diffuser plastic made of non-yellowing PMMA.
- ⊕ **Efficient:** Advanced LED backlight technology.
- ⊕ **Combinable:** Also available as an emergency luminaire in accordance with EN IEC 60598-2-22.

## Lighting design

- ⊕ **Anti-glare:** Suitable for office areas and computer workstations.
- ⊕ **Uniform:** Extremely uniform appearance of the light-emitting surface thanks to Backlight-Technology.
- ⊕ **True colours:** Designs with CRI >90 for the most realistic possible perception of colours of surroundings, objects and people.
- ⊕ **Optimum:** Colour tolerance within 3-steps MacAdam (3 SDCM).

## Installation

- ⊕ **Advantageous:** Perfect for 1:1 replacement during renovations.
- ⊕ **MultiLumen:** 4-step adjustable luminous flux.
- ⊕ **Straightforward:** External driver with simple plug-in locking system.



# KALEEA BASIC

The efficient solution for the office



## Technical data

Luminous efficiency up to 136 lm/W.

Luminaire flux from 3450 to 6100 lm.

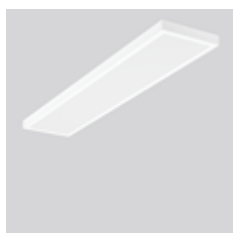
System power from 28 to 36 W.

Light colour 3000 K | 4000 K.

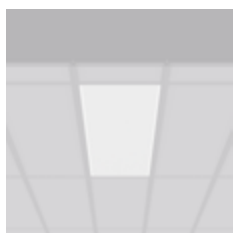
LED rated life 50000 h (L80/B50).

Dimensions: Recessed luminaires module 600 | 625 | 1250 mm.

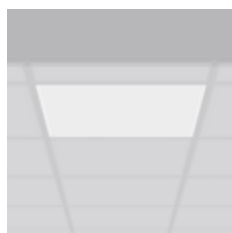
Surface-mounted luminaires 1262 | 1562 x 325 mm.



Surface-mounted luminaires



Recessed luminaires



Recessed luminaires



Available colour



1:1 replacement for fluorescent luminaires

Sustainably reduce energy consumption

Ideal for all office solutions

## Architecture

- ⊕ **Versatile:** 2 designs, 4 sizes, 2 types of installation.
- ⊕ **Efficient:** Advanced LED backlight technology.
- ⊕ **Uniform:** Extremely uniform appearance of the light-emitting surface thanks to Backlight-Technology.

## Lighting design

- ⊕ **Anti-glare:** Suitable for office areas and computer workstations.
- ⊕ **MultiColour:** Colour temperature individually adjustable either 3000 K or 4000 K.
- ⊕ **MultiLumen:** 2 steps adjustable luminous flux.
- ⊕ **Optimum:** Colour tolerance within 3-steps MacAdam (3 SDCM).

## Installation

- ⊕ **Advantageous:** Perfect for 1:1 replacement during renovations.
- ⊕ **Straightforward:** External driver with simple plug-in locking system.



# LESS IS MORE BEAMLINE

New guiding principle in aesthetics and quality of light



## Technical data

Luminous efficiency up to 106 lm/W.

Luminaire flux from 1950 to 11200 lm.

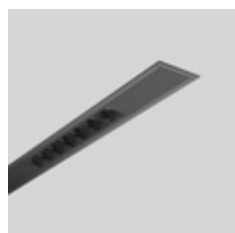
System power from 23 to 126 W.

Light colour 3000 K | 4000 K.

Beam angle spot | medium | wide flood.

LED rated life 50000 h (L80/B10).

Dimensions: Three standard lengths from approx. 1.1 to 2.3 m, a width of 57 mm and configurable systems.



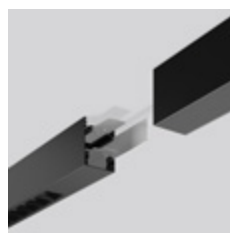
Recessed luminaires



Surface-mounted luminaires



Pendant luminaires



Systems



Available colours



Best colour rendering with CRI >90

Darklight effect

MRS technology for pleasant, glare-free lighting (UGR <10)

## Architecture

- ⊕ **Design-oriented:** Light perfectly integrated into the architectural environment.
- ⊕ **Versatile:** Three light distribution options (narrow, medium-wide and wide beam) for maximum flexibility in use.

## Lighting design

- ⊕ **Anti-glare:** MRS technology for pleasant, glare-free lighting (UGR <10).
- ⊕ **True colours:** CRI >90 for the most realistic possible perception of colours of surroundings, objects and people.
- ⊕ **Reliable planning:** Straightforward system planning with the LOUI Configurator.

## Installation

- ⊕ **Easy installation:** Very easy installation thanks to plug & play connection.
- ⊕ **Flexible:** Recessed, surface-mounted and suspended luminaires.
- ⊕ **Sustainable:** Environmentally friendly and resource-saving due to replaceable and recyclable components.



# LESS IS MORE vario

The variable size project and renovation luminaire



## Technical data

Luminous efficiency up to 146 lm/W.

Luminaire flux from 1600 to 7150 lm.

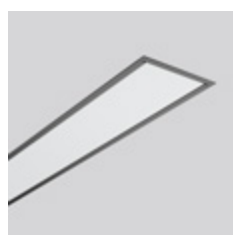
System power from 13 to 49 W.

Light colour 3000 K | 4000 K.

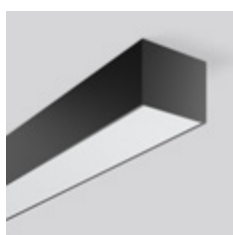
LED rated life 50000 h (L90/B50).

Dimensions: Five standard lengths from approx. 0.85 to 2 m and light lines up to 50 m.

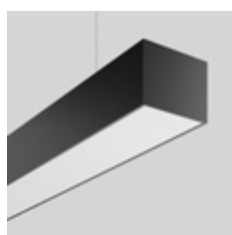
A standard width of 100 mm and variable widths from 70 to 200 mm.



Recessed luminaires



Surface-mounted luminaires



Pendant luminaires



Variable widths from 70 - 200 mm



Available colours





Ideal for 1:1 replacement

Sustainably reduce energy consumption

Individual project solutions can be realised

## 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 ( $UGR \leq 19$ ) and environments with computer screens in accordance with EN 12464-1.
- ⊕ **Clever:** Separately controllable direct and indirect light part or DALI pendant luminaires.
- ⊕ **Advantageous:** Perfect for 1:1 replacement during renovations.
- ⊕ **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.
- ⊕ **Straightforward:** Individual luminaires and continuous light lines.



# FLAT SLIM

The flexible networker for indoors and outdoors



## Technical data

Luminous efficiency up to 152 lm/W.

Luminaire flux from 1000 to 5150 lm.

System power from 11 to 48 W.

Light colour 3000 K | 4000 K.

LED rated life 50000 h (L90/B50).

Dimensions: Four diameters from 230 to 560 mm.

Two edge lengths from 300 and 430 mm.



Surface-mounted luminaires



Pendant luminaires



House number luminaires



Escape route illumination



Available colours



Suitable for indoor and outdoor use

Bluetooth® interface for switching, dimming and networking

Also available as an emergency luminaire

## Architecture

- ⊕ **Extensive:** 2 designs, 6 sizes, 3 types of installation, 5 diffusers, 3 colours.
- ⊕ **Individual:** Round diffuser made of mouth-blown 3-layer opal glass (Triplex glass) with satin finish or opal plastic (PMMA/PC), square diffuser made of matt or gloss crystal glass.
- ⊕ **Applicable:** Surface-mount versions suitable for indoor and outdoor applications.
- ⊕ **Sustainable:** Environmentally friendly and resource-saving due to replaceable and recyclable components.
- ⊕ **Integrated:** Standard Gore™ Protective Vents diaphragm valve to avoid condensation.
- ⊕ **Safe:** Also available as an emergency luminaire in accordance with EN IEC 60598-2-22.

## Lighting design

- ⊕ **MultiLumen:** 2-step adjustable luminous flux.
- ⊕ **MultiColour:** Colour temperature individually adjustable either 3000 K or 4000 K.
- ⊕ **Uniform:** Particularly homogeneous, soft and glare-free light thanks to the use of large size LED boards.
- ⊕ **Efficient:** Versions with motion detector.
- ⊕ **Smart Lighting:** HF motion detector with DALI and Bluetooth® interfaces for switching, dimming and networking from individual luminaires up to complex light installations.

## Installation

- ⊕ **Easy installation:** Installation could not be easier thanks to Plug & Play.
- ⊕ **Straightforward:** Diffuser can be assembled without the use of tools.
- ⊕ **Advantageous:** Big terminal block; ideal for through-wiring.
- ⊕ **Versatile:** Surface-mounted and suspended luminaires.
- ⊕ **Standard:** Suitable for through-wiring.
- ⊕ **Connected:** Versions with Casambi smart+free Bluetooth® control system for wireless network.

FLAT SLIM disc



FLAT SLIM step



FLAT SLIM round



FLAT SLIM square



DALI



Made in Germany

IP65

# MONDANA

The all-rounder



## Technical data

Luminous efficiency up to 152 lm/W.

Luminaire flux from 1200 to 5600 lm.

System power from 8 to 43 W.

Light colour 3000 K | 4000 K.

LED rated life 50000 h (L90/B50).

Dimensions: Three diameters 380 | 480 | 580 mm.

Two edge lengths 380 and 580 mm.



Surface-mounted luminaires



Pendant luminaires  
(with accessories)



Escape route illumination



Available colour



Sustainable thanks to replaceable components

High IP44 protection rating and theft protection as standard

Very quick and easy installation

## Architecture

- ⊕ **Extensive:** Surface-mounted, pendant and emergency luminaires allow consistent design.
- ⊕ **Versatile:** 2 designs, 5 sizes, 2 types of installation, 2 diffusers.
- ⊕ **Durable:** Diffuser made of non-yellowing plastic (PMMA) or impact resistant polycarbonate.
- ⊕ **Sustainable:** Environmentally friendly and resource-saving due to replaceable and recyclable components.
- ⊕ **Safe:** Also available as an emergency luminaire in accordance with EN IEC 60598-2-22.

## Lighting design

- ⊕ **MultiLumen:** 2-step adjustable luminous flux.
- ⊕ **MultiColour:** Colour temperature individually adjustable either 3000 K or 4000 K.
- ⊕ **Advantageous:** Indirect light thanks to protruding diffuser.
- ⊕ **Uniform:** Homogeneous light distribution from the diffuser in the entire visible area.
- ⊕ **Efficient:** Versions with motion detector.
- ⊕ **Smart Lighting:** HF motion detector with DALI and Bluetooth® interfaces for switching, dimming and networking from individual luminaires up to complex light installations.

## Installation

- ⊕ **Easy to install:** Large cable connection compartment with 4 cable entries.
- ⊕ **Standard:** Suitable for through-wiring.
- ⊕ **Clever:** Marked for simple installation of bracket and diffuser.
- ⊕ **Secured:** Integrated theft protection.
- ⊕ **Connected:** Versions with Casambi smart+free Bluetooth® control system for wireless network.

MONDANA disc



MONDANA quadra



# PLANADO

You certainly won't come a cropper with this diffuser luminaire



## Technical data

Luminous efficiency up to 136 lm/W.

Luminaire flux from 1200 to 7400 lm.

System power from 10 to 58 W.

Light colour 3000 K | 4000 K.

LED rated life 50000 h (L80/B10).

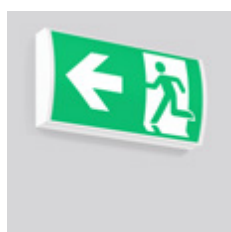
Dimensions: Four lengths from 300 - 1500 x 160 mm.



Surface-mounted luminaires



Escape route illumination



Escape route identification



Available colour





1:1 replacement for fluorescent luminaires

IP54 for use with demanding requirements

Effectively increase lighting quality

## Architecture

- ⊕ **Design-oriented:** Attractive and highly efficient diffuser luminaires.
- ⊕ **Long service life:** Diffuser made of non-yellowing plastic (PMMA).
- ⊕ **Sustainable:** Environmentally friendly and resource-saving due to replaceable and recyclable components.
- ⊕ **Tested:** Qualified for use in the food and drink industry.
- ⊕ **Combinable:** Also available as an emergency luminaire in accordance with EN IEC 60598-2-22.

## Lighting design

- ⊕ **Uniform:** 2-component optical system for homogeneous and soft illumination of the entire light-emitting surface.
- ⊕ **Protected:** IP54 for tougher requirements.
- ⊕ **MultiLumen:** 4-step adjustable luminous flux.
- ⊕ **Smart Lighting:** HF motion detector with DALI and Bluetooth® interfaces for switching, dimming and networking from individual luminaires up to complex light installations.

## Installation

- ⊕ **Advantageous:** Perfect for 1:1 replacement during renovations.
- ⊕ **Standard:** Through-wiring for additional luminaires.
- ⊕ **Easy installation:** Easy, no-fuss installation.



# PLANIA

The economical solution for refurbishment



## Technical data

Luminous efficiency up to 130 lm/W.

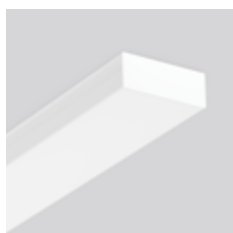
Luminaire flux from 3500 to 6800 lm.

System power from 27 to 52 W.

Light colour 3000 K und 4000 K.

LED rated life 50000 h (L80).

Dimensions: Two lengths 1220 | 1520 x 160 mm.



Surface-mounted luminaires



Available colour



1:1 replacement for fluorescent luminaires

Sustainably reduce energy consumption

Effectively increase lighting quality

## Architecture

- ⊕ **Design-oriented:** Attractive diffuser luminaires.
- ⊕ **Long service life:** Diffuser made of non-yellowing plastic (PMMA).
- ⊕ **Sustainable:** Environmentally friendly and resource-saving due to replaceable and recyclable components.

## Lighting design

- ⊕ **MultiLumen:** 2-step adjustable luminous flux.
- ⊕ **Optimum:** Colour rendering index Ra > 80.  
Colour tolerance within 3-steps MacAdam (3 SDCM).  
LED rated life 50000 h (L80).
- ⊕ **Functional:** HF motion detector with Bluetooth® interfaces for switching and networking from individual luminaires.

## Installation

- ⊕ **Advantageous:** Perfect for 1:1 replacement during renovations.
- ⊕ **Easy installation:** Easy, no-fuss installation.
- ⊕ **Straightforward:** Lateral cable entry.
- ⊕ **Standard:** Through-wiring for additional luminaires.



DALI



IP40

# PLANTOS

Simply refurbish!



## Technical data

Luminous efficiency up to 152 lm/W.

Luminaire flux from 3000 to 6300 lm.

System power from 21 to 44 W.

Light colour 4000 K.

LED rated life 72000 h (L80/B10).

Dimensions: Two lengths 1174 | 1454 x 102 mm.



Luminaires for moist/humid environments



Available colour



Ideal for 1:1 replacement

Variable cable entry (face or rear sided)

Housing and diffuser made of shockproof polycarbonate

## Architecture

- ⊕ **Protected:** IP66 - High type of protection for tough requirements.
- ⊕ **Robust:** IK08 - Housing and diffuser made of shockproof polycarbonate.
- ⊕ **Safe:** Luminaire with limited surface temperature in accordance with EN 60598-2-24.
- ⊕ **Sustainable:** Environmentally friendly and resource-saving due to replaceable components.

## Lighting design

- ⊕ **Advantageous:** Perfect for 1:1 replacement during renovations.
- ⊕ **Long service life:** LED rated life 72000 h (L80).
- ⊕ **MultiLumen:** 4-step adjustable luminous flux.
- ⊕ **Versatile:** Surface and pendant mounting.
- ⊕ **Reliable planning:** Suitable for lighting in public car parks and public off-street parking spaces according to DIN 67528.

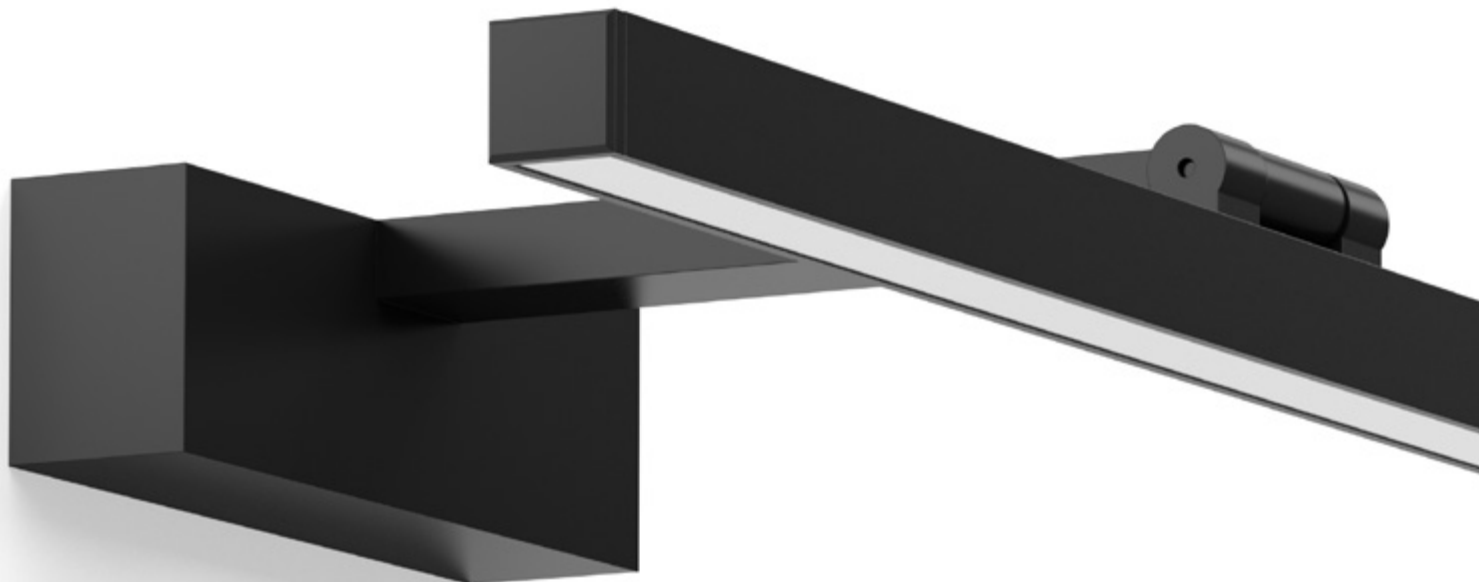
## Installation

- ⊕ **Easy installation:** Variable cable entry (face or rear sided).
- ⊕ **Straightforward:** Simple, fast and flexible installation due to plug-in system.
- ⊕ **Optimum:** Ideal for modernisations thanks to the possibility of central feed.
- ⊕ **Flexible:** Sliding mounting brackets. Ideal for luminaire replacement.



# SARINA

Wall and mirror luminaire



## Technical data

Luminous efficiency up to 91 lm/W.

Luminaire flux up to 1000 lm.

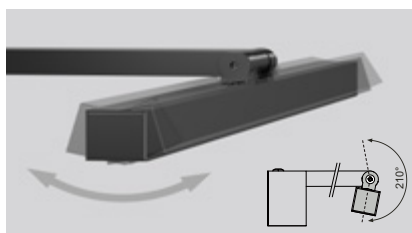
Light colour 3000 K | 4000 K.

LED rated life 50000 h (L70/B10).

Dimensions: Length 500 mm | bracket 212 mm.



Surface-mounted luminaires



Available colours

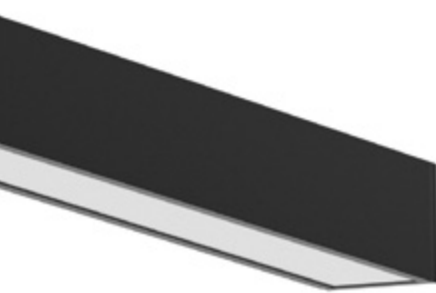




Ideal for the barrier-free illumination of washbasins

Luminaire head can be positioned precisely

Best colour rendering with CRI >90



## Architecture

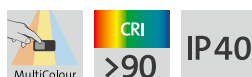
- ⊕ **Versatile:** Can be used as a mirror or picture luminaire.
- ⊕ **Ideal:** Barrier-free illumination of washbasins.
- ⊕ **Long service life:** Diffuser made of non-yellowing plastic (PMMA).

## Lighting design

- ⊕ **Uniform:** Particularly homogeneous, soft and glare-free light.
- ⊕ **Advantageous:** Luminaire head can be swivelled up to 210° for optimal illumination.
- ⊕ **Optimum:** CRI >90 for the most realistic possible perception of colours of surroundings, objects and people.

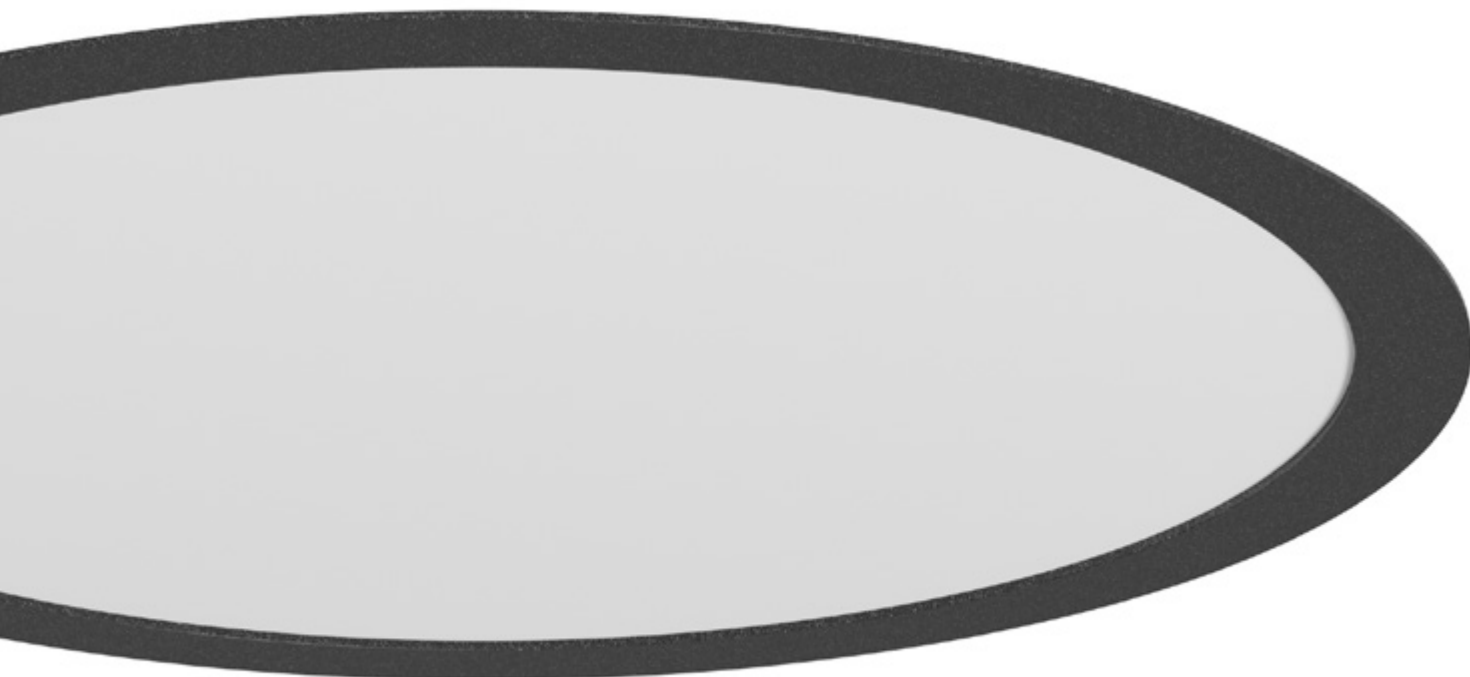
## Installation

- ⊕ **Easy installation:** With compensation for drill hole deviations.
- ⊕ **MultiColour:** Colour temperature individually adjustable either 3000 K or 4000 K.



# TOLEDO FLAT+

Variety meets multifunctions



## Technical data

Luminous efficiency up to 147 lm/W.

Luminaire flux from 570 to 4450 lm.

System power from 4.5 to 33 W.

Light colour 3000 K | 4000 K | 2700-6500 K.

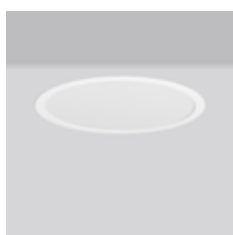
LED rated life 50000 h (L80/B10).

Dimensions: Four diameters from 165 to 470 mm.

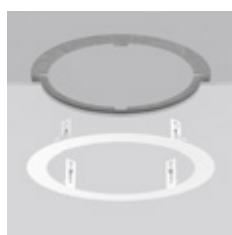
Three edge lengths from 150 to 310 mm.



Surface mounted downlights



Recessed downlights



Refurbishment frames



Available colours



High protection class IP54 on room side

Great flexibility thanks to MultiLumen and MultiColour

Also available as an emergency luminaire

## Architecture

- ⊕ **Versatile:** Flexible recessed and surface-mounted multifunction downlights, round and square versions.
- ⊕ **Design-oriented:** Minimalist design. Flat design.
- ⊕ **Variable:** 2 designs, 7 sizes, 2 types of installation, 2 diffusers, 2 colours.
- ⊕ **Individual:** Tunable White versions are predestined for use in the context of Human Centric Lighting (HCL) in combination with RZB light management systems.
- ⊕ **Applicable:** Corridors, side rooms, hotels, restaurants, conference rooms, private rooms.
- ⊕ **Combinable:** Also available as an emergency luminaire in accordance with EN IEC 60598-2-22.

## Lighting design

- ⊕ **Anti-glare:** Versions suitable for office areas and computer workstations.
- ⊕ **Homogenous:** Diffuser made of non-yellowing plastic (PMMA) opal or microprismatic.
- ⊕ **MultiLumen:** 4-step adjustable luminous flux.
- ⊕ **MultiColour:** Colour temperature individually adjustable either 3000 K or 4000 K.
- ⊕ **Tunable White:** Dynamically adjustable from 2700 K to 6500 K.
- ⊕ **Efficient:** Versions with motion detector.

## Installation

- ⊕ **Easy installation:** Quick and easy to install.
- ⊕ **Straightforward:** Easy installation with Plug & Play plug connection.
- ⊕ **Advantageous:** DALI versions suitable for through wiring as standard.
- ⊕ **Connected:** Versions with Casambi smart+free Bluetooth® control system for wireless network.
- ⊕ **Adaptable:** Renovation frames for various ceiling cut-outs as accessories.



# TRIXY

Welcome to our fabulous downlight hat trick TRIXY!



## Technical data

Luminous efficiency up to 125 lm/W.

Luminaire flux from 990 to 4700 lm.

System power from 9 to 35 W.

Light colour 3000 K | 4000 K.

LED rated life 40000 h (L70/B50) | 50000 h (L80/B50) for size 450 mm.

Dimensions: Three diameters 235 | 300 | 450 mm.

Three edge lengths 235 | 300 | 450 mm.



Surface mounted downlights



Recessed downlights



Escape route illumination



MultiCutOut



Available colours



Flat downlight for surface and recessed mounting

Triple multi-function: MultiColour, MultiLumen, MultiCutOut

Ideal for all renovation tasks

## Architecture

- ⊕ **Versatile:** Flat downlight for recessed or surface installation in 2 sizes, 3 assembly methods and 3 colours.
- ⊕ **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 IEC 60598-2-22.
- ⊕ **Applicable:** Renovations, corridors, side rooms, hotels, restaurants, conference rooms, 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).

## 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.
- ⊕ **Easy installation:** With integrated converter.
- ⊕ **Optimum:** Suitable for through-wiring.

TRIXY round

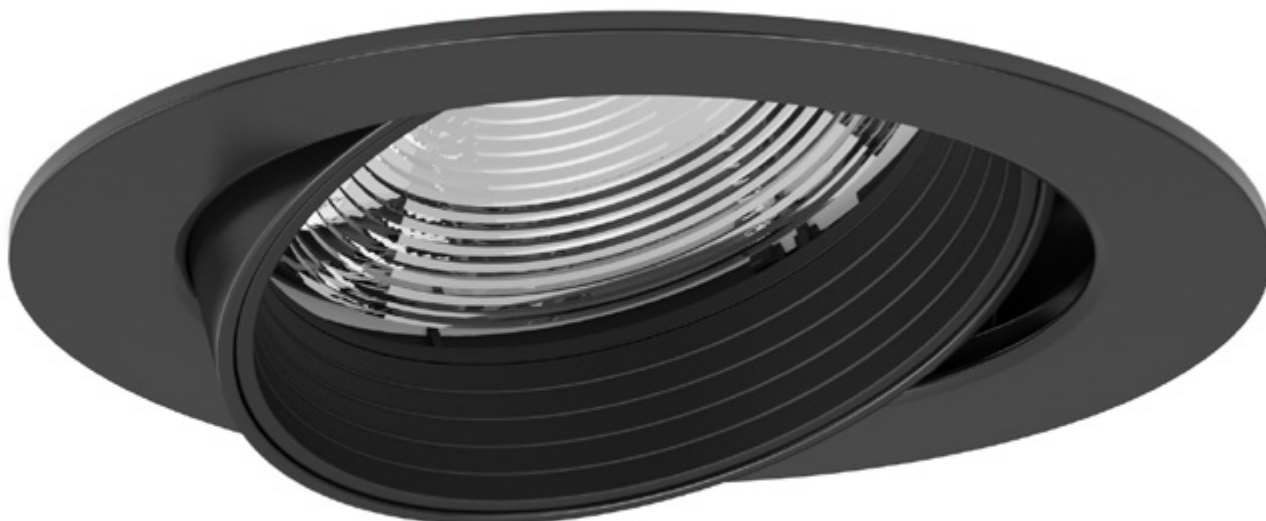


TRIXY square



# RONDOS

The king for shopping queens



## Technical data

Luminous efficiency up to 140 lm/W.

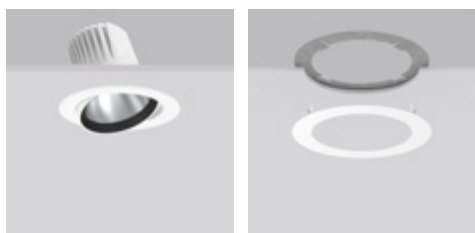
Luminaire flux from 1700 to 8000 lm.

Light colour 2700 K | 3000 K | 3500 K | 4000 K | Food (bakery, fresh meat, meat +).

Beam angle spot | medium | flood | wide flood | extra wide flood | Korridor oval.

LED rated life 50000 h (L90/B10).

Dimensions: Two diameters from 143 to 178 mm.



Recessed projectors

Refurbishment frames



Available colours



Best colour rendering with CRI >90

Special Food-LEDs

Up to 8000 lm - suitable for very high ceilings

## Architecture

- ⊕ **Variable:** MIRO-SILVER® reflectors for outstanding efficiency or polycarbonate lenses for the best uniformity of the light cone.
- ⊕ **Long service life:** Housing made of top quality die-cast aluminium.
- ⊕ **Interchangeable:** 8 interchangeable lenses with different beam angles.
- ⊕ **Sustainable:** Environmentally friendly and resource-saving due to replaceable and recyclable components.

## Lighting design

- ⊕ **Standard:** Excellent light quality thanks to flicker-free light, homogeneous light distribution, glare limitation and light colour quality.
- ⊕ **Anti-glare:** Black plastic ring and recessed LED to prevent glare from the side.
- ⊕ **Versatile:** 7 different light colors with CRI >90 and special Food-LEDs available as standard.
- ⊕ **True colours:** CRI >90 for the most realistic possible perception of colours of surroundings, objects and people.
- ⊕ **Advantageous:** LED rated life 50000 h (L90/B10).
- ⊕ **Optimum:** Colour tolerance within 2-steps MacAdam (2 SDCM).

## Installation

- ⊕ **Easy installation:** Converter in separate box. Very simple installation with plug-in locking system.
- ⊕ **Flexible:** Flexible adjustment, can be turned by 356° and swivelled by ± 35°.
- ⊕ **Straightforward:** Suitable for through-wiring with separately available accessories.
- ⊕ **Extensive:** The following accessories can be mounted without use of tools: interchangeable lenses, decorative glasses, honeycomb louvre, clear and frosted diffusers, white interchangeable plastic ring.





# DEECOS

Versatile and multi-talented



## Technical data

Luminous efficiency up to 140 lm/W.

Luminaire flux from 1150 to 8000 lm.

Light colour 2700 K | 3000 K | 3500 K | 4000 K | Food (bakery, fresh meat, meat +).

Beam angle superspot | spot | medium | flood | wide flood | extra wide flood.

LED rated life 50000 h (L90/B10).

Dimensions: Three diameters from 60 to 123 mm.



Recessed projectors



Surface mounted projector



Pendant projectors



Escape route illumination



Available colours



Best colour rendering with CRI >90

Special Food-LEDs

Up to 8000 lm - suitable for very high ceilings

## Architecture

- ⊕ **Design-oriented:** Cylindrical shape with no visible cooling fins.
- ⊕ **Variable:** MIRO-SILVER® reflectors for outstanding efficiency or polycarbonate lenses for the best uniformity of the light cone.
- ⊕ **Long service life:** Housing made of top quality die-cast aluminium.
- ⊕ **Interchangeable:** 8 interchangeable lenses with different beam angles.
- ⊕ **Individual:** Additional Superspot versions.

## Lighting design

- ⊕ **Standard:** Excellent light quality thanks to flicker-free light, homogeneous light distribution, glare limitation and light colour quality.
- ⊕ **Anti-glare:** Black plastic ring and recessed LED to prevent glare from the side.
- ⊕ **Versatile:** 7 different light colors with CRI >90 and special Food-LEDs available as standard.
- ⊕ **True colours:** CRI >90 for the most realistic possible perception of colours of surroundings, objects and people.
- ⊕ **Advantageous:** LED rated life 50000 h (L90/B10).
- ⊕ **Optimum:** Colour tolerance within 2-steps MacAdam (2 SDCM).

## Installation

- ⊕ **Extensive:** The following accessories can be mounted without use of tools: interchangeable lenses, decorative glasses, honeycomb louvre, clear and frosted diffusers, white interchangeable plastic ring.
- ⊕ **Connected:** Versions with Casambi smart+free Bluetooth® control system for wireless network.
- ⊕ **Sustainable:** Environmentally friendly and resource-saving due to replaceable and recyclable components.



# CALIDO CLICKBEAM

Flexible multi-talent



## Technical data

Luminous efficiency up to 129 lm/W.

Luminaire flux from 1350 to 3800 lm.

Light colour 2700 K | 3000 K | 4000 K.

Beam angle medium | flood.

LED rated life 50000 h (L70/B10).

Dimensions: Three diameters from 50 to 90 mm.



Surface mounted projector



Available colours



Best colour rendering with CRI >90

Adjustable beam angle with clickbeam

Uniform illumination thanks to hybrid optics system

## Architecture

- ⊕ **Design-oriented:** Cylindrical shape with no visible cooling fins.
- ⊕ **Filigree:** Mini version features particularly compact dimensions.
- ⊕ **Anti-glare:** Black front ring to prevent glare from the side.

## Lighting design

- ⊕ **Homogenous:** Hybrid optical system with lens and reflector for homogeneous light distribution.
- ⊕ **True colours:** CRI >90 for the most realistic possible perception of colours of surroundings, objects and people.
- ⊕ **Advantageous:** Special polycarbonate lens suitable for different beam angles (medium, wide).
- ⊕ **Optimum:** Colour tolerance within 3-steps MacAdam (3 SDCM).

## Installation

- ⊕ **Flexible:** Flexibility by Clickbeam.
- ⊕ **Variable:** Adjustable lens position by means of push mechanism to adjust the beam angle.
- ⊕ **Straightforward:** The following accessories can be mounted without use of tools:  
honeycomb louvre.



# ARLINE

Style and substance



## Technical data

Luminous efficiency up to 105 lm/W.

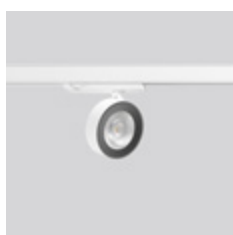
Luminaire flux from 2100 to 2550 lm.

Light colour 3000 K | 4000 K.

Beam angle spot | medium | flood | wide flood.

LED rated life 50000 h (L80/B10).

Dimensions: A diameter of 120mm.



Surface mounted projector



Decorative rings exchangeable without tools.



Available colours



Best colour rendering with CRI >90

Lens technology for the best uniformity of the light cone

Interchangeable designer decorative rings in four colours

## Architecture

- ⊕ **Design-oriented:** Surface mounted spotlight in modern, flat design.
- ⊕ **Flexible:** Exchangeable lens optic for four different beam angles, spot, medium, wide, wide flood.
- ⊕ **Individual:** Decorative rings in four colours, exchangeable without tools.

## Lighting design

- ⊕ **Variable:** MultiLumen - 2-step luminous flux can be adjusted on the adapter.
- ⊕ **Homogenous:** Lens technology for the best homogeneity of the light cone.
- ⊕ **True colours:** CRI >90 for the most realistic possible perception of colours of surroundings, objects and people.
- ⊕ **Advantageous:** LED rated life 50000 h (L80/B10).
- ⊕ **Optimum:** Colour tolerance within 3-steps MacAdam (3 SDCM).

## Installation

- ⊕ **Integrated:** Track-in driver integrated into the adapter.
- ⊕ **Sustainable:** Environmentally friendly and resource-saving due to replaceable and recyclable components.



# TX-MOVE

Powerful (wide area) projector!



## Technical data

Luminous efficiency up to 167 lm/W.

Luminaire flux from 1700 to 10400 lm.

Light colour 2700 K | 3000 K | 4000 K.

Beam angle medium | extra wide flood | asymmetrisch.

LED rated life 50000 h (L80/B10).

Dimensions of the surface mounted spotlight: A length of 569 mm and two widths from 57 to 119 mm and for modules 600 and 625.



Recessed projectors



Surface mounted projector



one lamp



two lamps



Available colours





Rotatable and swivelling in a flat design

Flexibility with MultiLumen

Lay-in luminaire for grid ceilings module 600/625

## Architecture

- ⊕ **Uniform:** For uniform ambient lighting of wide areas and focussed lighting of large advertising boards and shop shelves.
- ⊕ **Versatile:** High-efficiency LED units with optimum light control thanks to clear plastic (PC) lens optics or flush-mounted opal diffuser made of non-yellowing PMMA.
- ⊕ **Advantageous:** Unobtrusive effect thanks to flat design and also predestined for low ceiling heights.

## Lighting design

- ⊕ **True colours:** Best colour rendering with CRI  $\geq 90$  for fresh products and coloured textiles.
- ⊕ **Reduced:** Special microstructures in the specially developed lens optics reduce the yellow corona (caused by chromatic aberration) to an absolute minimum.
- ⊕ **Anti-glare:** Versions with UGR  $\leq 19$  can also be used in till areas.
- ⊕ **Reliable planning:** Various beam variants: narrow, medium, wide, asymmetrical as standard, others on request.

## Installation

- ⊕ **Variable:** MultiLumen - 3-step adjustable luminous flux.
- ⊕ **Easy installation:** Can be rotated by 356° for optimal illumination.
- ⊕ **Flexible:** Can be swivelled by 90° for optimal illumination, visible tilt scale.
- ⊕ **Sustainable:** Environmentally friendly and resource-saving due to replaceable and recyclable components.



# BEAMLINE SLIM

New guiding principle in aesthetics and quality of light



## Technical data

Luminous efficiency up to 93 lm/W.

Luminaire flux from 900 to 3350 lm.

Light colour 2700 K | 3000 K | 4000 K.

Beam angle spot | medium | wide flood.

LED rated life 50000 h (L80/B10).

Dimensions: Two lengths from 145 to 285 mm.



Recessed projectors



Surface mounted projector



Available colours



Best colour rendering with CRI >90

Darklight effect

MRS technology for pleasant, glare-free lighting (UGR <10)

## Architecture

- ⊕ **Design-oriented:** Light perfectly integrated into the architectural environment.
- ⊕ **Filigree:** LED luminaire with slim design.
- ⊕ **Extensive:** Three light distribution options (narrow, medium-wide and wide beam) for maximum flexibility in use.

## Lighting design

- ⊕ **Anti-glare:** MRS technology for pleasant, glare-free lighting (UGR <10).
- ⊕ **Optimum:** Darklight effect.
- ⊕ **True colours:** CRI >90 for the most realistic possible perception of colours of surroundings, objects and people.
- ⊕ **Advantageous:** LED rated life 50000 h (L80/B10).

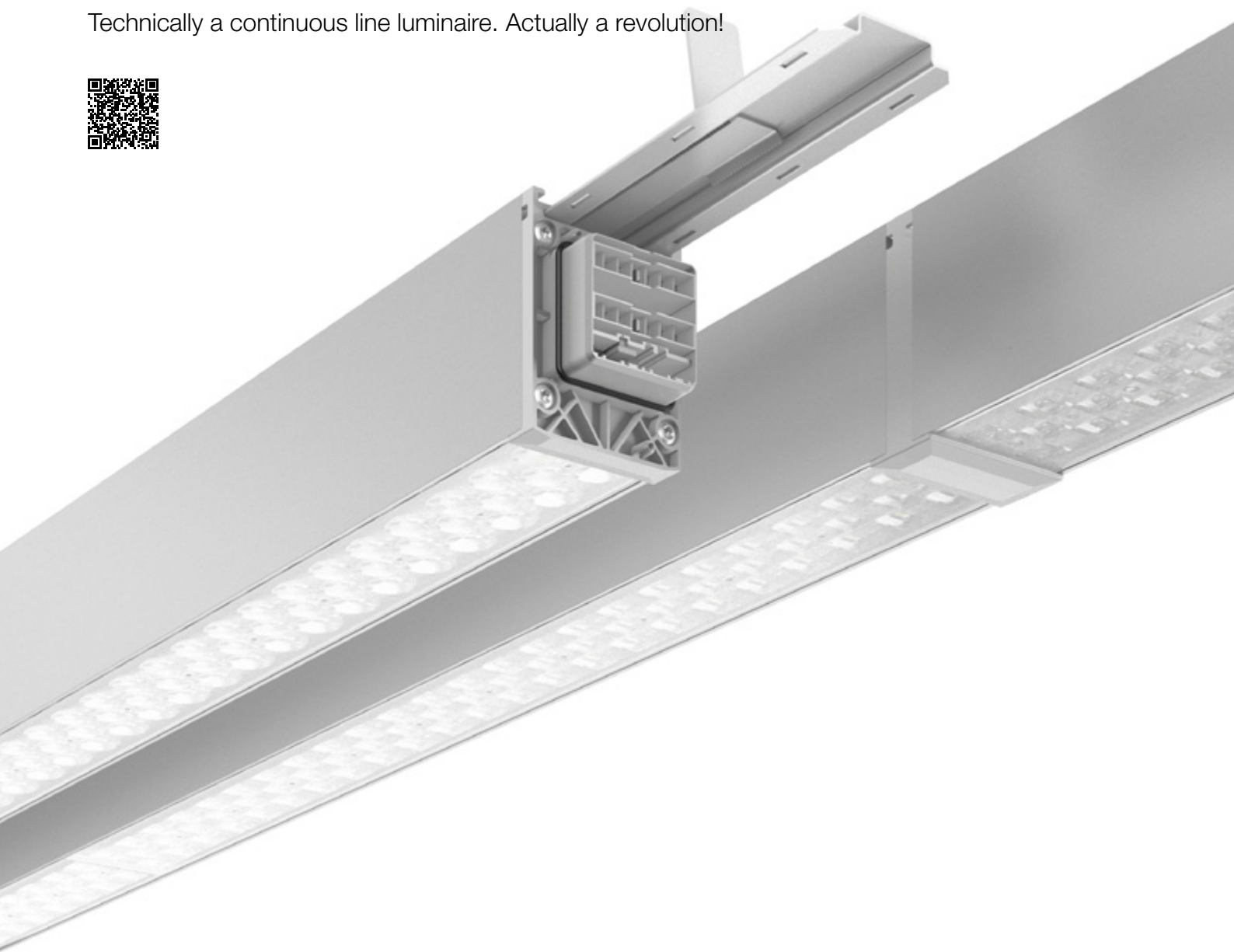
## Installation

- ⊕ **Flexible:** Rotation range: 356°. Swivel range: 90°.
- ⊕ **Straightforward:** Very easy installation thanks to plug & play connection.
- ⊕ **Sustainable:** Environmentally friendly and resource-saving due to replaceable and recyclable components.



# LINEDO

Technically a continuous line luminaire. Actually a revolution!



## Technical data

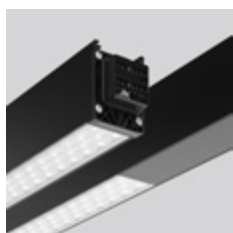
Luminous efficiency up to 180 lm/W.

Luminaire flux from 1500 to 42000 lm.

Light colour 3000 K | 4000 K | 5000 K | 2700-6500 K | project specific solutions CRI > 90.

LED rated life 80000 h (L<sub>CL0</sub>) DALI/CLO.

Dimensions: Four standard lengths 598 | 1163 | 2291 | 4547 mm.



Continuous line luminaire system



Modules with spotlights



Escape route illumination



Escape route identification



Available colours



Save up to 50% installation time

Endless application possibilities

Can be used for all grid variants (AV/SV)

## Architecture

- ⊕ **Design-oriented:** Ready-to install, stylish single-component continuous line luminaire system.
- ⊕ **Individual:** 3 profile colours are standard, but LINEDO can also be customised to suit specific projects.
- ⊕ **Versatile:** Shaped connectors make a variety of linear structures possible.
- ⊕ **Long service life:** LED rated life 80000 h (LCLO), CLO controlled for constant light output throughout the entire service life.
- ⊕ **Advantageous:** Up to 10 years warranty.

## Lighting design

- ⊕ **Reliable planning:** 7 light distributions and 5 performance levels cover almost any lighting task in industry, shops, offices and public buildings.
- ⊕ **Powerful:** Luminous efficacy up to 180 lm/W.
- ⊕ **Future-proof:** IoT ready – control and monitoring via DALI-2 Standard (on request).
- ⊕ **Anti-glare:** Perfect for office areas ( $UGR \leq 19$ ) and environments with computer screens in accordance with EN 12464-1.

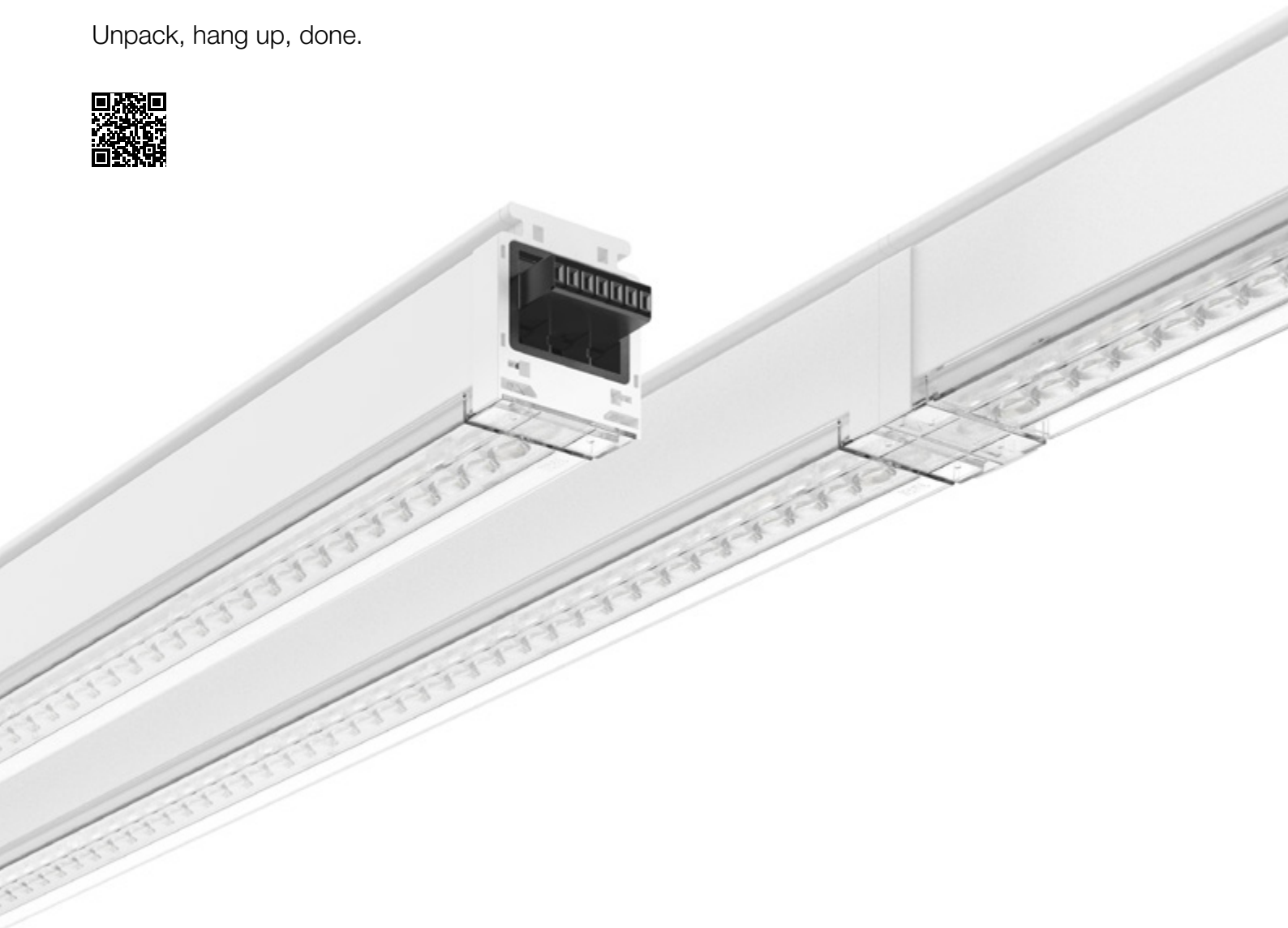
## Installation

- ⊕ **Easy installation:** Ultra-fast installation through Plug & Play modules.
- ⊕ **Flexible:** 5, 7- or 14-pole through-wiring as standard. Available on all lines for all grid variants (AV/SV).
- ⊕ **Comfortable:** Phase selection from outside due to plug-in system. Adjustment of a wide range of luminous fluxes using intelligent feeds.
- ⊕ **Protected:** High protection type IP 54 as standard.
- ⊕ **Combinable:** Numerous functional modules, e.g. spotlights, emergency lighting, sensors.



# LINEDO 50

Unpack, hang up, done.



## Technical data

Luminous efficiency up to 190 lm/W.

Luminaire flux from 18000 to 36000 lm (module length 4500 mm at 100% light).

Light colour 4000 K.

LED rated life 100000 h.

Dimensions: Three standard lengths 1500 | 3000 | 4500 mm.



Continuous line luminaire system



Available colour



Ideal for industry and logistics

Complete modules speed up installation

Ideal for 1:1 replacement

## Architecture

- ⊕ **Perfect:** Ready to install, single component continuous line luminaire system.
- ⊕ **Clever:** Complete modules in standard lengths, 1500, 3000 and 4500 mm for quick and easy refurbishment and significant reduction of installation costs and time.
- ⊕ **Reduced:** Optimised packaging saves time during unpacking and disposal.
- ⊕ **Advantageous:** 5-year warranty.

## Lighting design

- ⊕ **Reliable planning:** 4 light distribution options and 3 performance levels cover just about any lighting requirement in industry and logistics.
- ⊕ **Ideal:** Special lens geometry for high-bay warehouse applications.
- ⊕ **Efficient:** Permanently low running costs thanks to luminous efficacy up to 190 lm/W and an LED rated life of up to 100000 h.

## Installation

- ⊕ **Easy installation:** Ultra-fast installation through Plug & Play modules.
- ⊕ **Flexible:** 5- or 7-pole through-wiring as standard.
- ⊕ **Comfortable:** Phase selection from outside due to plug-in system. Adjustment of a wide range of luminous fluxes using intelligent feeds.
- ⊕ **Suitable:** Perfect for 1:1 replacement during renovations.
- ⊕ **Optimum:** Sliding mounting brackets. Ideal for luminaire replacement.







18

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# DESMONDO

Hard shell, innovative core



## Technical data

Luminous efficiency up to 153 lm/W.

Luminaire flux from 4600 to 4900 lm.

System power 32 W.

Light colour 3000 K | 4000 K.

LED rated life 100000 h (L90/B50).

Dimensions: L 303, B 130, H 79 mm.



Wall luminaires



Available colours



Future-orientated with LED according to Zhaga standard

Quick and easy installation thanks to plug & play connection system

Extensive light distributions as required

## Architecture

- ⊕ **Design-oriented:** Convincing shaping through modern, straight-lined design.
- ⊕ **Long service life:** Seawater resistant coating.
- ⊕ **Sustainable:** Environmentally friendly and resource-saving due to replaceable and recyclable components.
- ⊕ **Optimum:** Integral membrane valve for pressure compensation and avoidance of condensation.

## Lighting design

- ⊕ **Versatile:** Comprehensive selection of light distributions for universal illumination.
- ⊕ **Applicable:** Illumination of areas and paths close to buildings.
- ⊕ **Advantageous:** Easy LED replacement thanks to Zhaga standard.
- ⊕ **Protected:** The high type of protection IP 65 enables maintenance-free, plain LED operation.

## Installation

- ⊕ **Easy installation:** Tool-free mounting and very easy installation thanks to plug & play connection system (Quick Connector).
- ⊕ **Clever:** Base fixing slots outside of gasketed area, drill hole deviations can be compensated.
- ⊕ **Standard:** Second cable inlet for loop through.
- ⊕ **Reliable planning:** Can be installed horizontally and vertically.



# ANDHO

Compact power pack



## Technical data

Luminous efficiency up to 140 lm/W.

Luminaire flux from 1400 to 5350 lm.

System power from 13 to 41 W.

Light colour 2700 K | 3000 K | 4000 K.

Beam angle superspot | spot | medium | flood | wide flood.

LED rated life 50000 h (L80/B10).

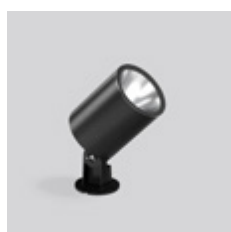
Dimensions: D 114 | 154 mm.



Surface mounted downlights



Projectors and floodlights



Projectors and floodlights



Pole luminaires



Available colours



One design, versatile application

Extensive setting options to adapt to any situation

Reflector made of MIRO-SILVER® with 98% total light reflection

## Architecture

- ⊕ **Extensive:** 2 sizes, 4 installation types, 4 beam angles, 3 colours.
- ⊕ **Versatile:** Downlights, spotlights, garden spotlights, pole-mounted spotlights.
- ⊕ **Long service life:** Robust outdoor operation for years to come ensured by use of high quality materials such as powder-coated, corrosion-resistant pressure die-cast aluminium, toughened glass and stainless steel.
- ⊕ **Robust:** Seawater resistant coating.

## Lighting design

- ⊕ **Advantageous:** 2 performance levels are available.
- ⊕ **Efficient:** Reflector made of super-reflective MIRO-SILVER® for outstanding efficiency.
- ⊕ **Applicable:** Downlights suitable for indoor and outdoor use.
- ⊕ **Flexible:** Spotlight can be adjusted and locked into position for tilt and rotation.

## Installation

- ⊕ **Easy installation:** Fast and easy installation.
- ⊕ **Standard:** Membrane valve to prevent condensation.
- ⊕ **Sustainable:** Environmentally friendly and resource-saving due to replaceable and recyclable components.



# LIGHTSTREAM

Wonderfully modular: Radiance in multifaceted perfection



## Technical data

Luminous efficiency up to 159 lm/W.

Luminaire flux from 4000 to 39200 lm.

System power 31 | 93 | 246 W.

Light colour 3000 K | 4000 K.

LED rated life 100000 h (L90/B50).

Dimensions: Three lengths from 395 to 743 mm.

Three widths from 166 to 291 mm.



Projectors and floodlights



Pole luminaires



Escape route illumination



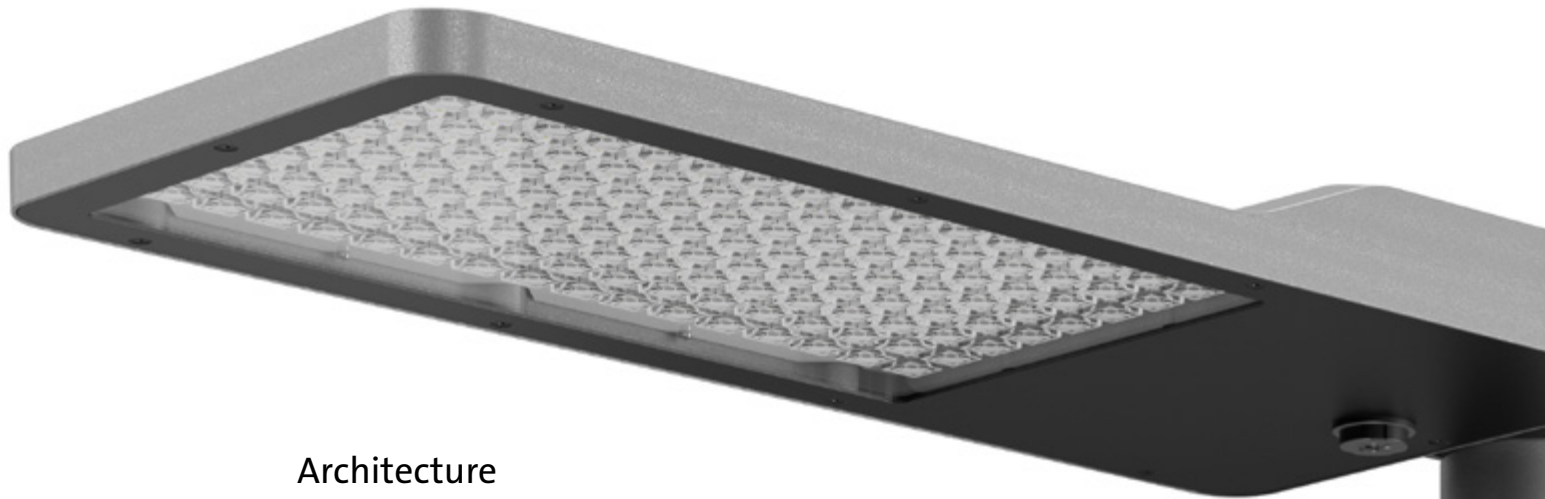
Available colours



Dark Sky: Protects insects and the environment

Versions with Zhaga sockets for the integration of light management systems

Sustainable thanks to replaceable components



## Architecture

- ⊕ **Versatile:** Clever combination of spotlight and pole luminaire in one.
- ⊕ **Extensive:** 3 sizes, 2 assembly methods, 6 light distributions, 2 colours.
- ⊕ **Tested:** Vibration test according to DIN EN 60598-1.
- ⊕ **Robust:** Seawater resistant coating.
- ⊕ **Sustainable:** Environmentally friendly and resource-saving due to replaceable and recyclable components.
- ⊕ **Safe:** Also available as an emergency luminaire in accordance with EN IEC 60598-2-22.

## Lighting design

- ⊕ **Reliable planning:** The comprehensive selection of light distributions and light outputs allows for an universal application regarding illumination of private paths, public roads up to area lighting (parking lots) according to EN 13201.
- ⊕ **Dark Sky:** Protects insects and the environment. Avoiding light pollution.
- ⊕ **Standard:** Control gear with integrated surge protection up to 10 kV.

## Installation

- ⊕ **Easy installation:** Quick and easy installation due to pre-wired connection cable.
- ⊕ **Advantageous:** Extensive installation accessories for any application scenarios.
- ⊕ **Smart Lighting:** Versions with Zhaga Book 18 sockets available for the integration of components for light management systems or sensors.







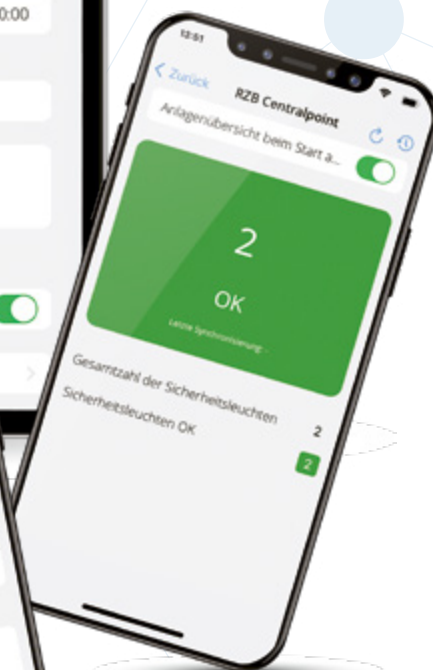
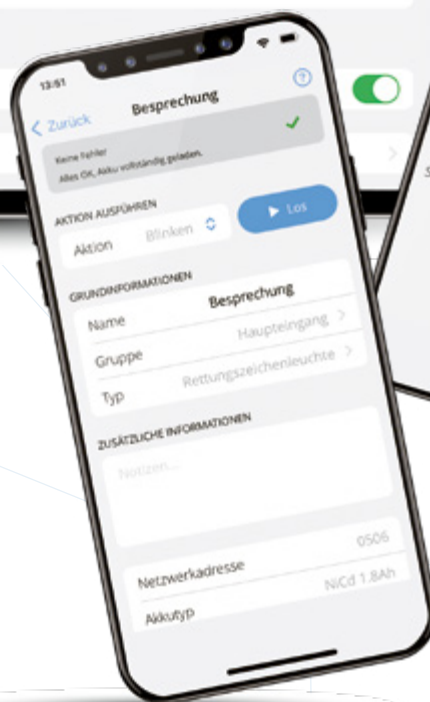
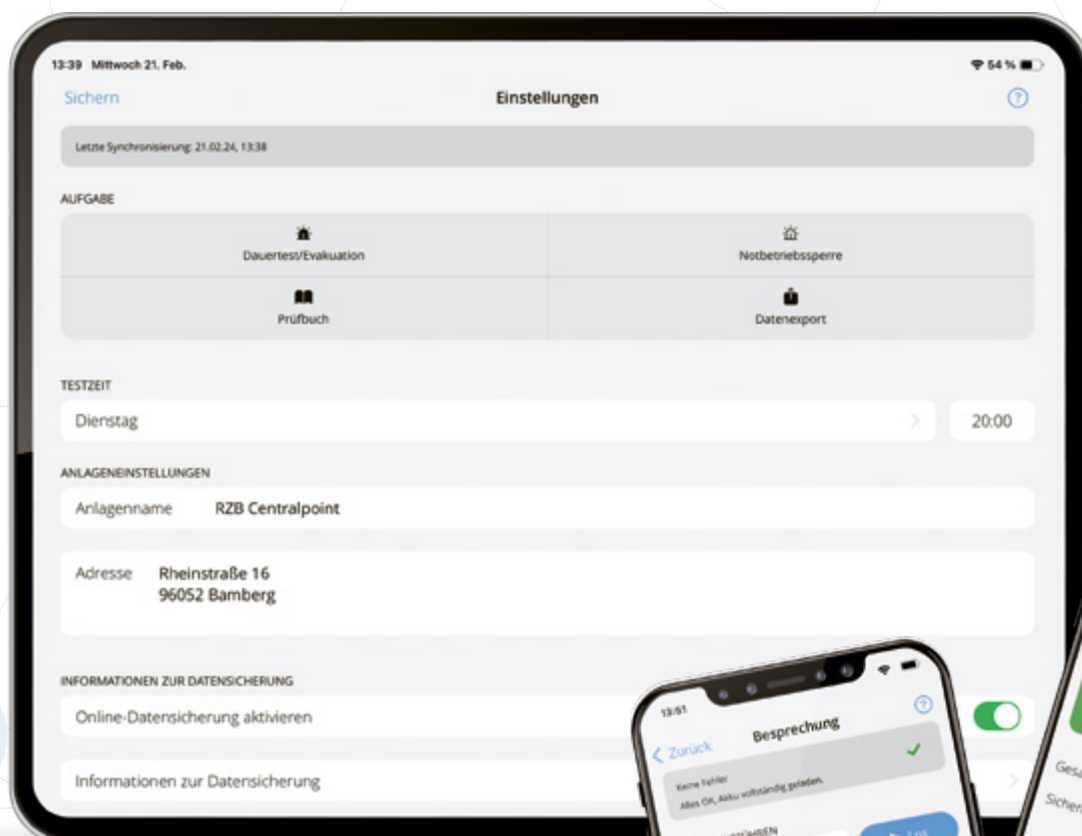
VOSS®





# MULTIDIGIT air

Scalable wireless monitoring system for self-contained emergency luminaires



MULTIDIGIT air App  
download now!



GET IT ON  
Google Play



Download on the  
App Store



Commissioning and monitoring via app

Bluetooth® mesh networking of luminaires

No bus cabling necessary

## Additional advantages

- ⊕ Wireless networking with Bluetooth® mesh.
- ⊕ No bus cable required.
- ⊕ Commissioning and monitoring via app (iOS and Android).
- ⊕ Simple configuration thanks to our user-friendly app.
- ⊕ Reset function helps when changing projects and reconfiguring.
- ⊕ Maximum security thanks to push notification and gateway functionality.
- ⊕ Luminaire spacing of up to 15 m.
- ⊕ Monitoring of up to 100 self-contained luminaires.
- ⊕ Test logs and all relevant data can be archived quickly and automatically locally or in the cloud.

Scalable Bluetooth® monitoring system for self-contained emergency luminaires for maximum safety and convenience. MULTIDIGIT air is particularly suitable for applications where wireless networking is required. Permanent monitoring and configuration are carried out via the MULTIDIGIT air app. A tablet or smartphone takes over the visibility of the system from a central location. The emergency luminaires report their current status via a Bluetooth® mesh network to the app, which analyses and controls the entire system. Up to 100 self-contained emergency luminaires can be wirelessly networked and monitored. No bus cable is required. The app generates test reports quickly and automatically in PDF format, which can be archived locally or in the cloud. This saves the service technician valuable time.

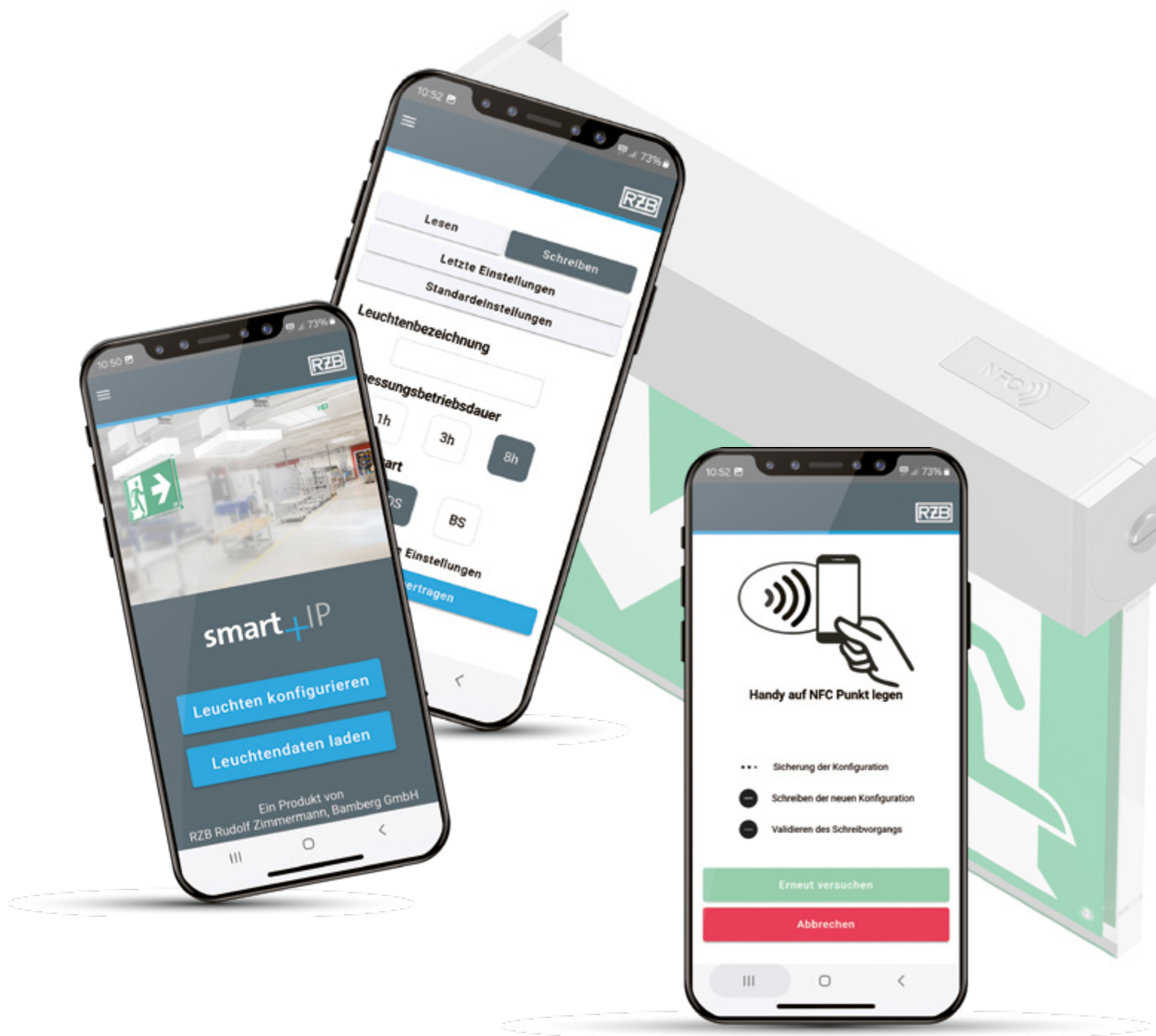
The MULTIDIGIT AIR module is integrated in luminaires with the reference number coding **.F1**.





# SMART+IP

Convenient NFC parameterisation of self-contained emergency luminaires



smart+ip App  
download now!





Basic settings can be customised via app

Adjustable brightness in mains operation

Configurable switching input

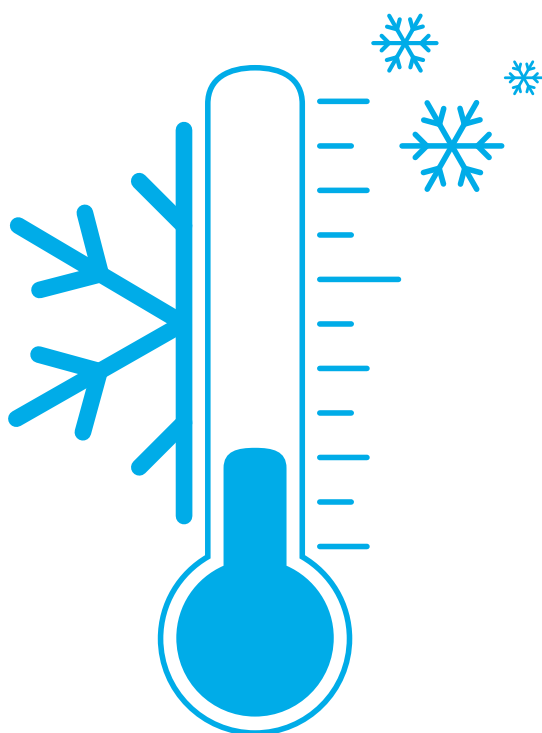
## Additional advantages

- ⊕ Even before installation, the luminaire can be conveniently adjusted without any mains supply using the smart+IP app via NFC.
- ⊕ The luminaire can be configured without a central controller.
- ⊕ Luminaire designation possible.
- ⊕ Rated operating time (1/3/8 h) adjustable.
- ⊕ Non-maintained power mode or in maintained power mode can be set.
- ⊕ Automatic self-test (on/off).
- ⊕ Brightness in mains operation adjustable.
- ⊕ Number of duration tests per year adjustable.
- ⊕ Configurable switching input.
- ⊕ Emergency light blocking.
- ⊕ Emergency lighting run-on time.

Convenient NFC parameterisation of self-contained emergency luminaires. With our smart+IP app, operating parameters such as rated operating time (1/3/8 h) and operating mode (maintained or non-maintained) can be set and read out easily and securely. The app is available for the Android operating system in the Google Play Store. In addition, manual programming is possible via microswitches within the luminaire.



# BATTERY PACK



## SAFETY FIRST - down to -20°C

Safe operation of self-contained emergency luminaires at temperatures down to -20°C. Thanks to the innovative rechargeable battery technology, the operation of self-contained emergency luminaires is also possible outdoors. The control gear is designed for use at low ambient temperatures. The exterior of the luminaire series remains unchanged. There is no need for a battery heater, making operation of the emergency luminaire efficient and lean.

## Additional advantages

- ⊕ Safe operation of self-contained emergency luminaires down to -20°C in outdoor areas.
- ⊕ Innovative rechargeable battery technology.
- ⊕ Control gear adapted to ambient temperatures.
- ⊕ No battery heating necessary.
- ⊕ Efficient and slim operation.
- ⊕ Can be used in many luminaire series for specific projects.







Safe operation down to  $-20^{\circ}\text{C}$

No battery heating required

Suitable for self-contained emergency luminaires in outdoor areas











# RZB ENERGY

From light to charging



## Hybrid solutions made in Bamberg

The future of mobility is changing, which RZB Energy is actively shaping with elegant 2-in-1 combinations. Robust products that have proven themselves for decades in wind and weather as pure outdoor lighting have been supplemented with the latest in charging technology.

The result is architecturally superior charging options for EVs.

## E-Mobility made architectural

The appearance of outdoor spaces gets an immediate uplift with the hybrid solutions from RZB Energy. In addition, instead of multiple works by different trades, a single channel can be used for the installation of light and charging pole - all in one work step. Experienced partners such as Phoenix Contact and Wago are involved in the RZB Energy products.

Compatible backends (others on request):

**MONTA**  
**reev**



WALL CHANNEL



LUPALO



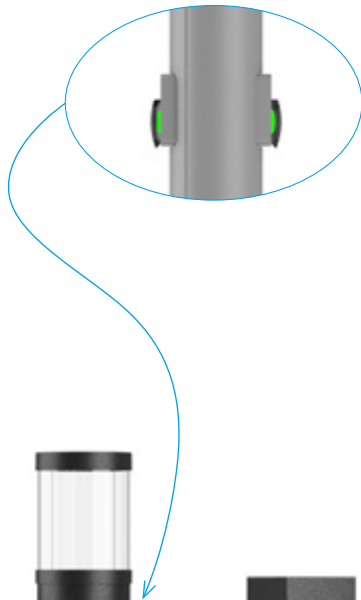
BOCARO



Modular design

No additional collision protection necessary

Time and cost savings during installation thanks to the 2-in-1 concept



reddot winner 2023  
urban design

LUPALO

BOCARO

MURALO

EMILIARIUM



























































# ICONS

## Overview

 Tunable White	The colour temperature can be adjusted infinitely from 2700K to 6500K.	 Bluetooth Mesh	Mesh sensors create a wireless connection between each other. This allows for flexible configuration via smartphone or tablet.
 HCL ready	Ideal for use as part of the Human Centric Lighting concept in connection with RZB light management systems.		Individual, handcrafted production of the diffuser, which is made of mouth-blown three-layer glass. This means that the first layer consists of clear glass, the second of opal glass and the third again of clear glass.
 MultiColour	MultiColour version: colour temperature adjustable in different steps.		Luminaires made of impact resistant polycarbonate.
 MultiLumen	MultiLumen version: luminous flux adjustable in different steps.		Luminaires marked with the "ball impact protection" symbol are suitable for use in sports facilities. They are manufactured in accordance with the test conditions defined in DIN 18032.
 DALI	DALI is the classic light bus and is ideal for the simple and central light management.		Luminaires with limited surface temperature in accordance with EN 60598-2-24
 Casambi smart free	Light management system for wireless control of lighting by Bluetooth®.		ENEC certified and ready for the future.
 CLO Constant Light Output	Top modern drivers regulate the LEDs in the luminaires throughout their entire lifetime and therefore avoid the usual reduction in luminous flux. This process known as CLO (Constant Lumen Output) allows the optimised control of efficiency right from the start.	 HACCP	<b>HACCP</b>   Luminaires with this symbol are suitable for use in the food and beverage industry. For precise instructions on the use of our products in this context, please see the declaration of conformity, which you can find in the download area for the corresponding product under <a href="http://rzb-lighting.com">rzb-lighting.com</a> .
 AV/SV	AV/SV grid: AV = General power supply SV = Emergency power supply	 Plug & Play	Fast and easy installation.
 UGR ≤ 19	Ideal for office areas (UGR ≤ 19) and computer workstations in accordance with EN 12464-1.		Ultra-fast installation.
 ≤ 19 UGR	Versions with UGR≤19 can also be used for checkout areas.		Integrated theft protection.
 Clickbeam	The beam angle can be changed by clicking on the lens.	 MultiCutOut	Adjustable spring clamps for different ceiling cut-outs.
 Corridor Function	The Corridor function allows the luminaires to be configured to have a residual brightness of 10%. If no further movement is detected. This is recommended for applications without any ambient light, especially in corridors or stairwells without any daylight.	 CRI > 90	For the most realistic possible perception of colours of surroundings, objects and people.
 Touch DIM	TouchDim offers simple, cost-effective and efficient light control without any additional control device. TouchDim means the device can be operated via standard buttons, whilst control is taken over by the DALI board/converter. Light and/or presence sensors can be integrated.	 Food	Food LED light colours show food in its best light.
 IoTready	<b>Luminaires:</b> Acquisition and forwarding of status and energy data <b>Lighting management systems:</b> Forwarding of luminaire data to cloud services possible.	 ULR = 0%	Dark Sky: Protects insects and the environment thanks to needs-based light distribution without light emitted in the upper hemisphere, thus avoiding light pollution
	A daylight sensor measures the incidence of light on a luminaire in order to switch it on and off depending on the brightness.		Seawater resistant coating.
	Stand-alone sensors are used to control a single luminaire. Since no external control unit is needed, the luminaire functions autonomously and requires a power supply only.	 Step DIM	The StepDIM mode (bi-power mode) enables to switch between two performance levels – „normal“ operation and „half night“ operation – via an additional switched phase. The light levels can be flexibly pre-programmed.
 Master-Slave	The luminaire with sensor (master) controls several other luminaires without sensor (slave). Depending on the system, several master luminaires can also be operated together.	 Astro DIM	AstroDIM offers a multi-stage night reduction regulated by an internal timer that responds to the switch-on and switch-off times. No external control is required.

<p>Zhaga</p> <p>NEMA</p>	<p>Equipping a luminaire with a socket according to Zhaga or NEMA standards allows the connection of sensors and light management systems (e.g. third-party systems such as Signify Interact City, Philips City Touch or eSave) without affecting the IP protection factor of the luminaire.</p> <p>The corresponding modules are attached without tools via bayonet lock (also retrofitted) and can be replaced at any time without opening the luminaire.</p>	  	<p>These luminaire series are developed in Germany and tested in our in-house laboratories.</p> <p>These luminaire series are designed, manufactured and tested at our company headquarters in Bamberg.</p> <p>This symbol indicates that individual luminaires of a series are available as emergency luminaires and have been tested respectively.</p>
	<p>Also available in an insect-friendly version.</p> <p>To protect nocturnal animals, the light is switched to a colour temperature of <math>\leq 3000</math> Kelvin. The reduced blue light component is less attractive to insects.</p>		<p>The rechargeable battery of self-contained emergency luminaires in this series is frost-proof down to <math>-20^{\circ}</math> C (outdoor areas).</p>
	<p>Environmentally friendly and resource-saving due to replaceable and recyclable components.</p>		<p>Luminaires in this series are equipped with a MULTIDIGIT air Bluetooth® module, compatible with the RZB MULTIDIGIT air app.</p>
	<p>The hybrid solution for light and charging station. Robust products that have withstood wind and weather for decades as pure outdoor luminaires have been supplemented with the latest in charging technology.</p>		<p>Commissioning and monitoring via app.</p>
			<p>Luminaires with high protection class.</p>



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# CUSTOMER CONTACT

51 RZB SWITZERLAND	52 RZB AUSTRIA	53 RZB FRANCE	54 RZB ESPAÑA
<p>RZB Swiss Lighting AG</p> <p>Bahnhofstrasse 13 5610 Wohlen</p> <p>Phone +41 43 3888560 <b>E-Mail:</b> info@rzb.ch</p>	<p>RZB Lighting Austria GmbH</p> <p>Altmannsdorfer Straße 154-156 1230 Wien</p> <p>Phone +43 3100737-0 <b>E-Mail:</b> office@rzb-lighting.at</p>	<p>RZB Lighting France Sarl</p> <p>1, Rue Blaise Pascal 67720 Hœrdt</p> <p>Phone +33 3 88 93 41 62 <b>E-Mail:</b> info.france@rzb.eu</p>	<p>RZB Lighting Spain</p> <p>C/ Monasterio de las Huelgas, 23 Oficina 9 50014 Zaragoza</p> <p>Phone +34 976 451130 <b>E-Mail:</b> info.espana@rzb.eu</p>

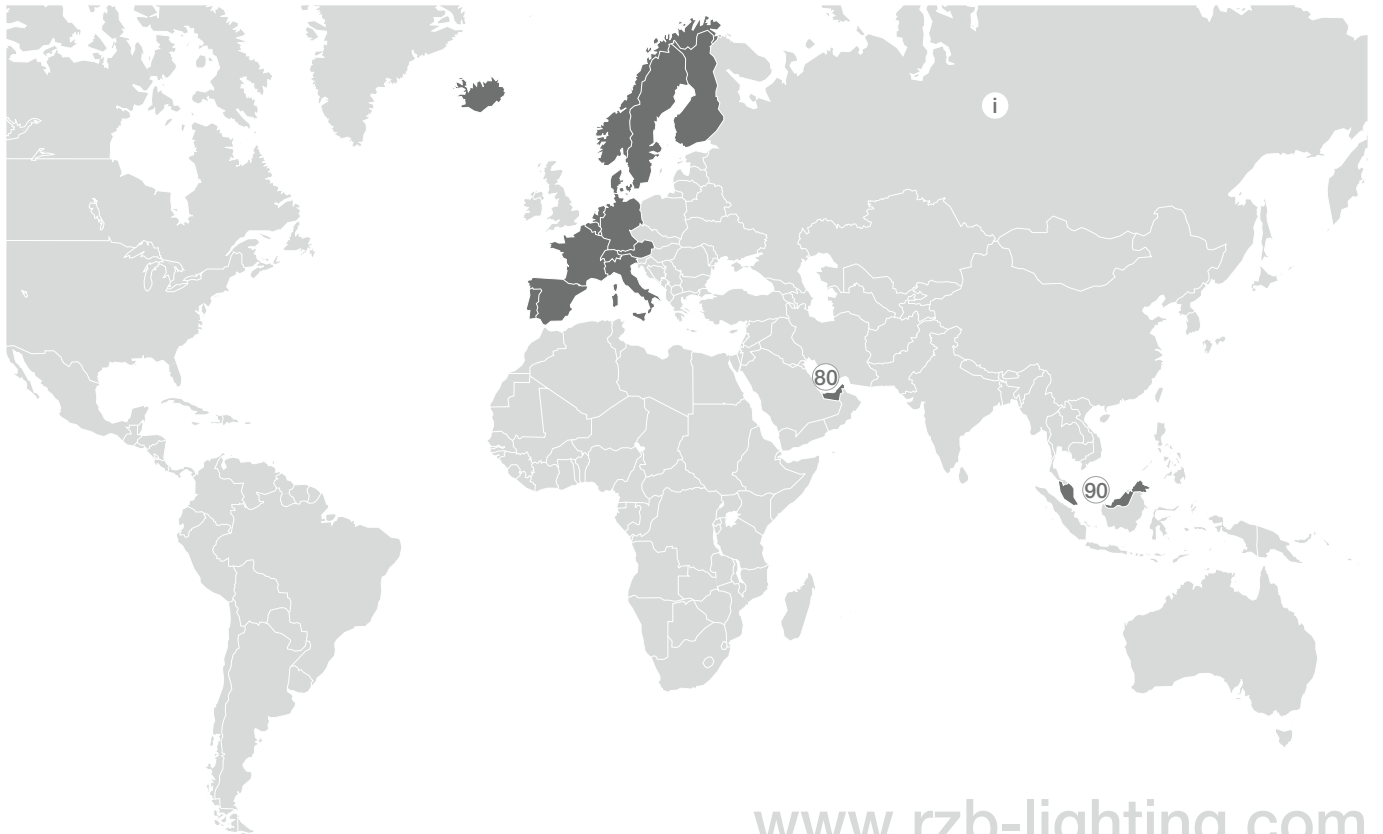
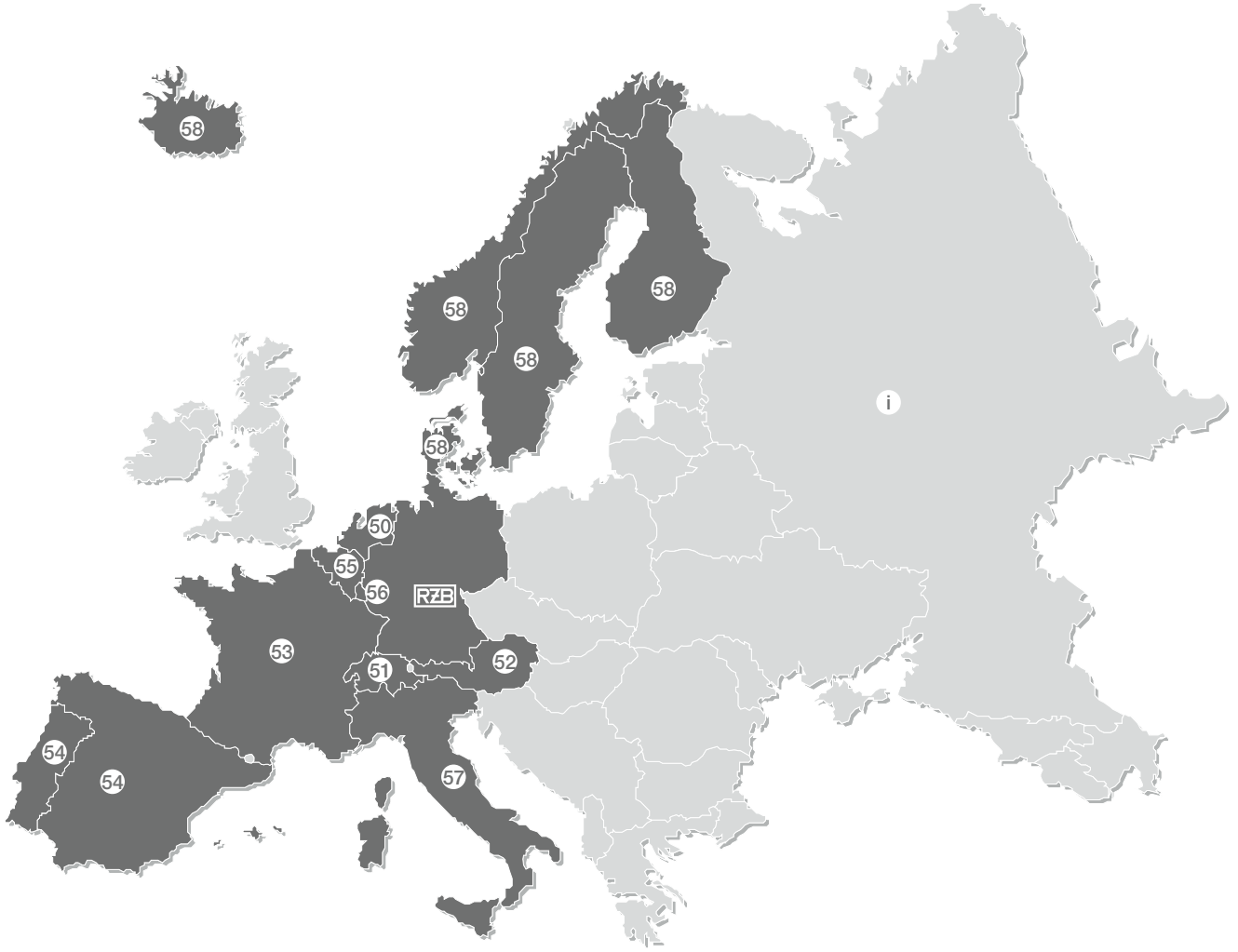
50 RZB NETHERLANDS	55 RZB BELGIUM	56 RZB LUXEMBOURG	57 RZB ITALY
<p>RZB Lighting</p> <p>Phone +31 85 2731260 <b>E-Mail:</b> nederland@rzb-leuchten.de</p>	<p>RZB Belgium</p> <p>Phone +32 475 240913 <b>E-Mail:</b> belgie@rzb-leuchten.de</p>	<p>RZB Luxembourg</p> <p>Phone +33 3 69 61 33 91 <b>E-Mail:</b> luxembourg@rzb-leuchten.de</p>	<p>RZB Lighting Italy</p> <p>Phone +39 439 81641 <b>E-Mail:</b> info.italy@rzb-leuchten.de</p>

58 RZB NORDICS	80 RZB DUBAI	90 RZB ASIA - PACIFIC	RZB HEADQUARTERS
<p>RZB Lighting Nordics AB</p> <p>Askims Verkstadsväg 1 SE-436 34 Askim</p> <p>Phone +46 735 457810 <b>E-Mail:</b> nordics@rzb-lighting.com</p>	<p>RZB Lighting LLC</p> <p>1201, Burlington tower, Business Bay PO BOX 183591 Dubai</p> <p>Phone +971 50 6408668 <b>E-Mail:</b> aravindh.prabhakar@rzb-lighting.com</p>	<p>RZB Lighting Asia &amp; Pacific Sdn. Bhd.</p> <p>Block D1, Level 2, Setia Walk Persiaran Wawasan, Pusat Bandar Puchong, 47160 Puchong, Selangor Darul Ehsan Malaysia</p> <p>Phone +60 3 5879 1511/12 <b>E-Mail:</b> info.asia@rzb-lighting.com</p>	<p>RZB Rudolf Zimmermann, Bamberg GmbH</p> <p>Rheinstr. 16, 96052 Bamberg, Germany</p> <p>Phone +49 951 7909-374 <b>E-Mail:</b> export@rzb.eu</p>



RZB customer contact and representations can be found worldwide.  
Please contact our international sales department or  
<https://www.rzb.de/en/company/rzb-worldwide/>







**RZB**  
**Rudolf Zimmermann,**  
**Bamberg GmbH**

Rheinstr. 16  
96052 Bamberg  
Germany

Phone +49 951 79 09-374

[www.rzb-lighting.com](http://www.rzb-lighting.com)  
[export@rzb.eu](mailto:export@rzb.eu)

