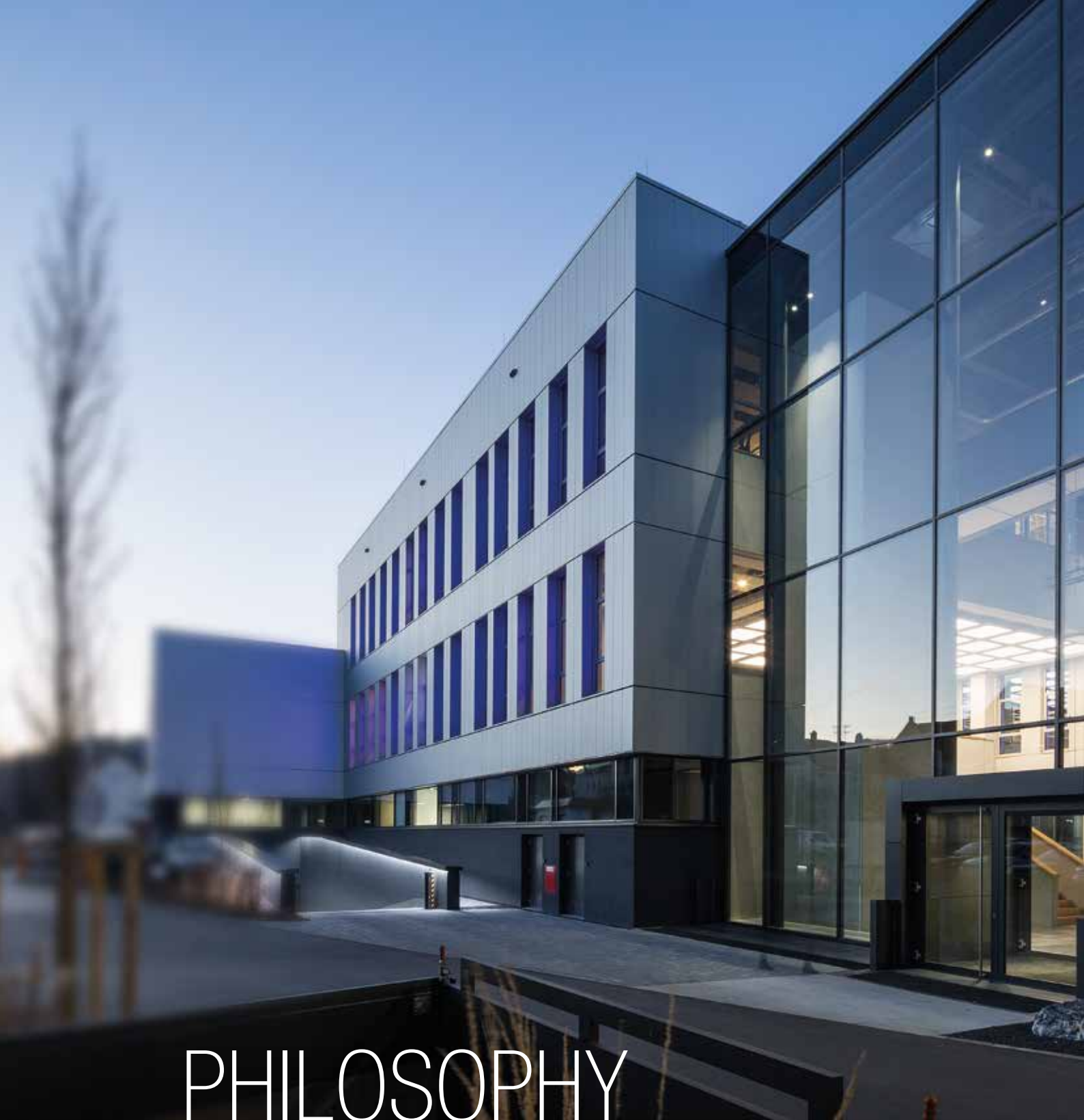


ALBA



The versatile downlight
of the next generation

RIDI



PHILOSOPHY

RIDI Leuchten GmbH a family business with vision /
Jungingen headquarters.

PREVIOUS

We are one of the most important manufacturers of high-quality luminaires with branches and representatives throughout Europe.

With the RIDI and Spectral brands, our product spectrum ranges from technical luminaires and functional continuous row systems to designoriented lighting pieces and lighting solutions for retail and New Work. We are thus able to fulfil almost all wishes for lighting in the interior.

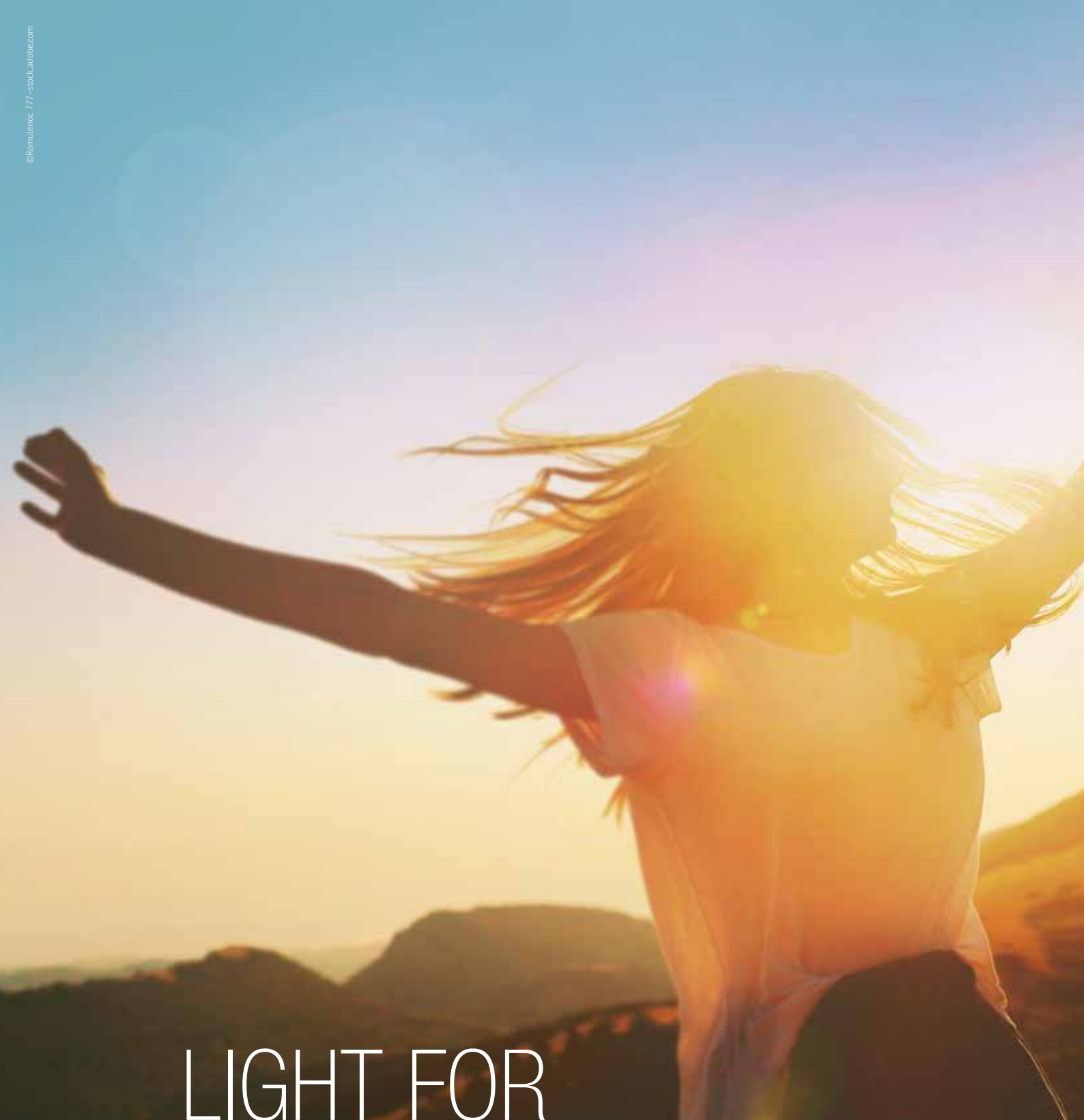
With the help of state-of-the-art simulation, new products are designed and proven models are further developed. Our highly automated production ensures excellent and consistent product quality. We offer simple lighting solutions up to complex lighting control systems. We also specialise in the production of unusual special luminaires with individual designs, right through to manufacture.

We are also well equipped for the future and are investing in the development of new product series, such as the ALBA luminaire family. The focus is on sustainability combined with efficiency and customer benefit.

If you have any questions, we would be pleased to refer you to our dedicated sales team, who keep their knowledge up to date in seminars and are always at your disposal.

Dietmar Zembrot + Manfred Diez
Managing Director





LIGHT FOR PEOPLE AND SPACE

DEMAND FOR LIGHT QUALITY

In interaction with the architecture, the luminaires of the RIDI Group form important aspects in the interior design for working and living environments. They provide ideal light for the respective work, create a harmonious atmosphere and contribute to well-being.

The focus is always on people. That is why ALBA's exceptional lighting quality is very important and was permanently in the foreground during development. Available in different light colours and with high colour rendering, ALBA is optimal for achieving the desired lighting mood.

Light not only ensures optimal visual conditions - the right lighting has a wide range of influences on people: it affects their health, it promotes orientation and a sense of security, and it is an essential part of a pleasant atmosphere. In addition, attractively designed luminaires can set interior architectural accents and contribute to the homeliness and style of a building.

Light shapes people's day and night rhythms and influences their ability to concentrate. The RIDI Group focuses on people's health and the influence of artificial lighting on their well-being.

Within the RIDI Group, everything is made possible to design lighting solutions that are individual, safe and sustainable - with the greatest possible flexibility, reliable service and intelligent lighting solutions that never fail to inspire.





PRECISE LIGHT CONTROL,
EFFICIENT LIGHT
MODULAR STRUCTURE
DISTINCTIVE DESIGN

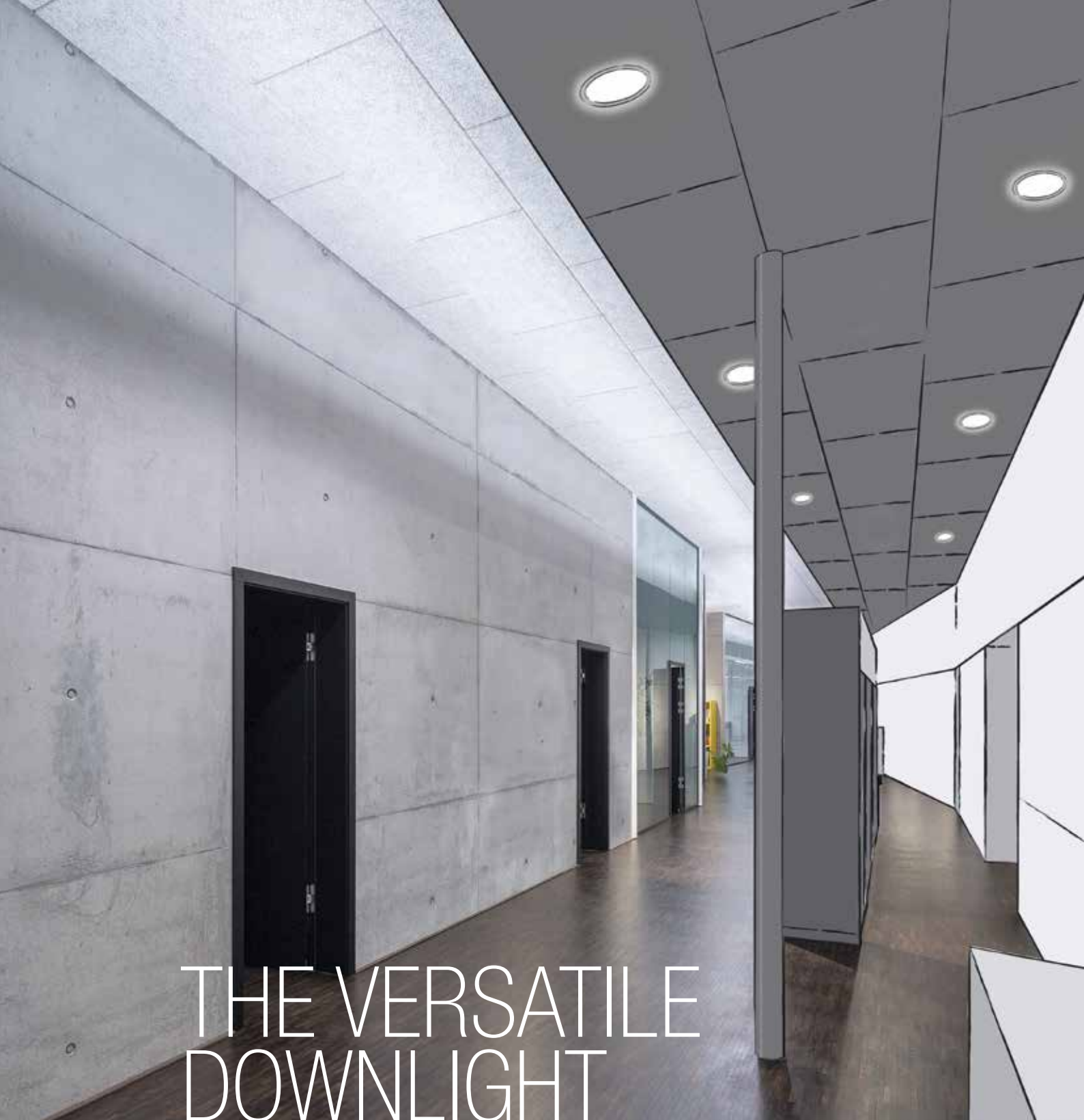
HIGHLIGHTS

ALBA was developed as a modular system for many applications: round and later also square, in different sizes and colours, with different beam angles to adjustable directional spotlights. Variants for recessed, surface and pendant mounting are already being planned.

With ALBA, functionality meets unmistakable design with precise detailing. Thanks to the uniform appearance of the ALBA luminaire family, they can be excellently combined with each other and create a visual connection in the building.

ALBA offers a brilliant 3-stage light distribution through the combination of the primary light mixing chamber, the special lens or opal disc and the deep, adapted reflector. Lighting technology for precise light control and extremely efficient light.





THE VERSATILE DOWNLIGHT

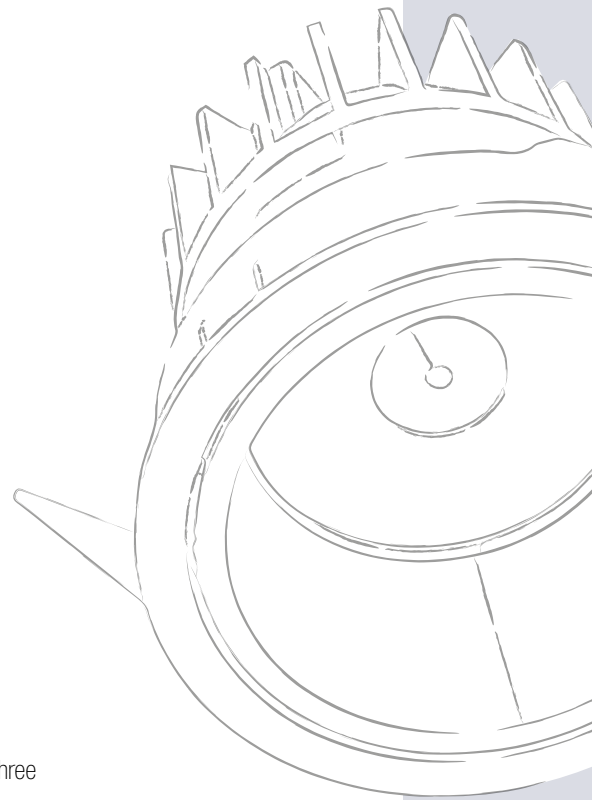
Today, luminaires are tools for planners and users to create the best possible conditions in interaction with the architecture, interior design and materials used for function and the spatial experience – this is how RIDI Leuchten GmbH understands its new ALBA luminaire family.

CONCEPT

ALBA was developed from the knowledge of the past and today's knowledge of future requirements. The goal was an innovative, modular system based on many years of experience.

ALBA has specially developed a consistent design for different light distributions. This can be varied according to the task at hand and is the conclusive answer to the new planning and technical requirements from the different worlds of work and life.

The modular system of ALBA is demonstrated by the fundamental choice between two lighting techniques: with precise lens or opal disc. The types with lens are available in three different beam angles. All variants are available in different colours and sizes. This allows the ALBA downlight series to be individually adapted for countless applications.





FUNCTIONALITY MEETS DESIGN

ALBA, the luminaire family that is ideal for many applications thanks to its minimalist design with balanced proportions.

DESIGN

The result was an intelligent product series in which the necessary elements were harmoniously integrated into the appearance. All products in the ALBA series have an unmistakable design with precise detailing and different installation options. As a result, they can be excellently combined with each other and thus ensure a visual connection in the building.

Sophisticated functionality meets uniform design. The different versions of the newly developed ALBA downlight family are perfectly matched and allow you to configure lighting solutions specifically for your requirements.

STRIKING DOUBLE RING DESIGN:

Balanced proportions throughout for high recognition, high-quality, minimalist.

PERFECTLY SHAPED REFLECTOR DESIGN:

Natural and harmonious integration into the room and ceiling structure.

CONTINUOUS DESIGN LINE:

The same „signature“ across all sizes and designs: proportional, multifunctional, wide field of application.

DEVELOPMENT WITH SUBSTANCE:

As a German manufacturer, RIDI Leuchten GmbH pays particular attention to the quality and durability of the materials and components used. The high quality awareness runs like a thread through the entire development process. Starting with the idea, through development to production and beyond.





BRILLIANT LIGHTING TECHNOLOGY THROUGH THE LIGHT MIXING CHAMBER

OUTSTANDING LIGHTING TECHNOLOGY

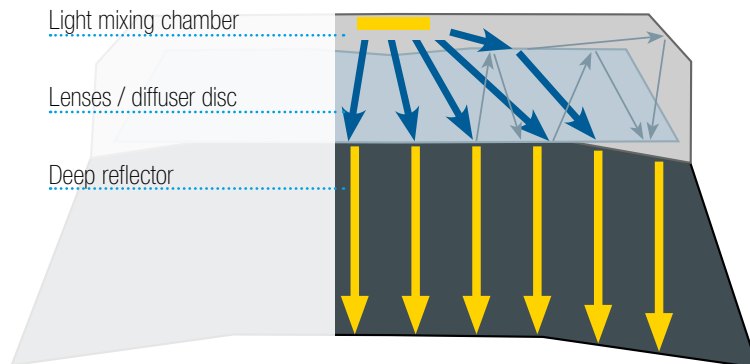
BRILLIANT 3-STAGE LIGHTING TECHNOLOGY:

- Highly efficient light mixing chamber
- Precise lenses / diffuser disc for different beam angles
- Adapted, deep reflector

This elaborate technology ensures:

- Precise, pleasant and high-contrast light with extremely high visual comfort, low luminance levels and low glare effects
- Calm, directional light for increased plastic perception: no multiple shadows, less harsh cast shadows for light, naturally soft contours
- The closed system ensures high efficiency and little stray light loss

ALBA offers high efficiencies combined with high quality of light.





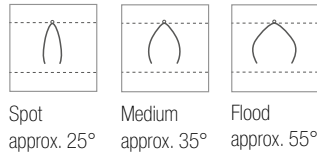
EFFICIENCY
HIGH-CONTRAST
LIGHT

PRECISE LIGHT
CONTROL

For particularly high demands on illumination, ALBA offers not only the classic, very wide-beam light distribution with opal glass, but also a wide-angle light distribution with a wide-angle lens, special lenses are used – regardless of size and shape. Swivelling versions round off the portfolio.

SPECIAL LENS TECHNOLOGY:

- 3 LVKs, Ra \geq 80, Ra \geq 90
- up to 150 lm/W



WITH OPAL PANE:

- wide distribution, Ra \geq 80
- approx. 120 lm/W



Super Flood approx. 80°

ADJUSTABLE VERSIONS:

- For diameter 68 mm + 100 mm
- Simple adjustment on the reflector
- No disassembly or intervention in the reflector
- 180° rotation = 20° inclination
- Innovation: closed structure despite adjustability



Pivotable





INDIVIDUAL POSSIBILITIES THROUGH MODULAR CONSTRUCTION

VARIETY

In addition to the light distributions and sizes, ALBA also takes into account different designs.

High-quality lighting technology with outstanding colour rendition is just as natural for ALBA as efficiency and outstanding glare control. A clear, discreet design with perfect proportions, across all sizes and versions – for a visual connection with the building. ALBA downlights last, even with changes in room use or interior design.

SIZES:				
				
Installation ceiling diameter:				
50 mm	68 mm	100 mm	150 mm	200 mm
Outer diameter:				
55 mm	75 mm	109 mm	160 mm	215 mm
LIGHT OUTPUT:				
600 lm	800 lm	1500 lm	2600 lm	2600 + 4000 lm

COLOURS: three standard colours white, high-gloss, black.

LIGHT COLOURS: 3000 K, 4000 K. Others on request, as well as TW (Tunable White).

COLOUR RENDERING: $R_a \geq 80$, $R_a \geq 90$

SWITCHING VERSIONS: on/off, DALI.

In addition to switchable on/off versions, all versions are also available with DALI.

Seamless integration into existing building management systems is possible without any problems. APCON®, a tool from the RIDI Group, offers endless possibilities here.



UNIQUE LIGHT COMFORT
STATE-OF-THE-ART
TECHNOLOGY

LIVELY DYNAMIC LIGHT
STRUCTURES

OUTDOOR

Technically, ALBA and its variants are state-of-the-art and designed for the future.

All versions are also available with a high colour rendering index $Ra \geq 90$. Depending on the type, ALBA offers very high efficiencies of up to 150 lm/W.

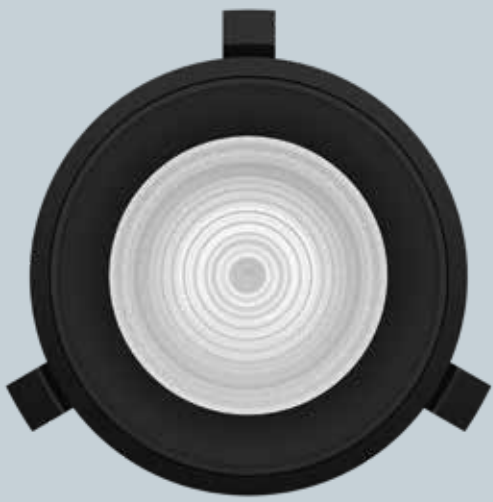
Of course, all products are optionally equipped with high-quality switchable drivers or DALI-capable drivers, so that connection to intelligent control systems such as APCON® is possible at any time.

The basic versions with $Ra \geq 80$, switchable drivers and normal diffuser lens with wide light distribution are suitable for most standard applications.

As an upgrade to this standard, ALBA offers many possibilities to respond to the desired applications. With different colours, reflectors and sizes, special light distributions, adjustable versions, light colours and a high colour rendering index as well as designs with a UGR value of < 19 , ALBA is excellently suited for different applications.

An HCL (Human Centric Lighting) version is available on request. In future, this will play an increasingly important role in project planning. The focus here is on improving the working conditions and thus also the well-being and the increase in concentration and performance of the employees. The light is based on the natural course of the day and can be combined with individually adjustable lighting solutions such as APCON®, the light and building control system from RIDI Leuchten GmbH.





DESIGNATION & VARIANT MATRIX

OVERVIEW

ITEM DESCRIPTION:

Family	Form	Installation Ø	Type	Driver	Colour	Light colour	Light control	Luminous flux approx.	Optics	adjustable (optional)	Emergency light (optional)
ALBA	R	100	E	ND	WS	930	SF	0150	OS	J	E3
R: Round	50 mm	E: Installation	ND: on/off	WS: white	830	S: Spot 25°	0060: 600lm	Without: Lens	J: adjustable	E3: EDS3	
	68 mm		DA: DALI	SW: black	840	M: Medium 35°	0080: 800lm	OS: Opal disc			
	100 mm			HG: high	930	F: Flood 55°	0150: 1500lm				
	150 mm				940	SF: Super Flood 80°	0260: 2600lm				
	200 mm						0400: 4000lm				

VARIANT MATRIX:

Installation Ø	50 mm	68 mm	100 mm	150 mm	200 mm	
Type	Installation with trim	Installation with trim	Installation with trim	Installation with trim	Installation with trim	
Luminous flux approx.	600 lm	800 lm	1500 lm	2600 lm	2600 + 4000 lm	
Optics	LENSES: Spot Medium Flood	OPAL DISC: Super Flood	LENSES: Spot Medium Flood	OPAL DISC: Super Flood	LENSES: Spot Medium Flood	OPAL DISC: Super Flood
Reflector colours	white black high gloss	white black high gloss	white black high gloss	white black high gloss	white black high gloss	
Light colours	830 840 930 940 Special colours	830 840 930 940 Special colours	830 840 930 940 Special colours	830 840 930 940 Special colours	830 840 930 940 Special colours	
Driver	on/off DALI	on/off DALI	on/off DALI	on/off DALI	on/off DALI	
Type	rigid	rigid adjustable	rigid adjustable	rigid	rigid	
Accessories				Spring fastening	Spring fastening	

Other versions are available on request.

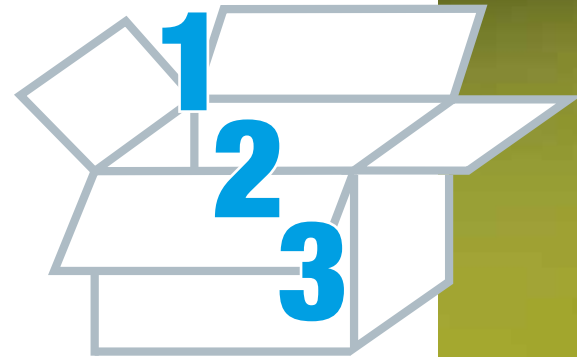


SIMPLE,
SIMPLE...
ALBA

INSTALL

Simple, well thought-out assembly and installation starts already with the packaging: All components are disassembled in assembly order in the packaging:
1. driver, 2. mounting ring, 3. luminaire unit.

This not only facilitates and simplifies installation, but also protects the components during assembly from the sometimes harsh construction site conditions.



Diameter 150/200:

Sturdy polycarbonate mounting ring for tool-free pre-assembly with hinged fixing slides with anti-slip function for simple, fast mounting of the luminaire unit via simple plug-in fastener. Pre-assembly of driver and mounting ring: protects the actual luminaire unit until the final assembly.

Diameter 50/68/100:

Tool-free quick assembly of the complete luminaire unit by means of integrated self-retaining sword springs.

There is no quicker and easier way to install a downlight!

Driver and luminaire unit secondary side comes with a pre-assembled Fast-Plug connector. Pro-Fast connection terminal on the primary side with extra large terminal compartment and double-pole plug-in terminals for simple through-wiring (switchable 3-pole, DALI 5-pole) and integrated strain relief, terminals suitable for \varnothing 2.5mm².



EDUCATION &
CULTURE, OFFICE,
RETAIL, HOTEL &
PRIVATE AREA

APPLICATION AREAS

ALBA is not only the classic fit for the office area, but also offers possibilities for a variety of uses in different application areas.

Thus, all requirements from education & culture, office, retail, hotel and private areas can be planned with ALBA downlights.

Due to the different shapes and equipment options, solutions and lighting atmospheres can be found for all tasks. This applies not only to new construction projects but also to many refurbishments. For each area suitable installation rings can be used for renovations.

The ALBA luminaire family offers optimal technical and design solutions that can also be supplemented with other components such as floor, table or pendant luminaires. The new products as recessed, surface-mounted and pendant versions in round and later also in square form, enable individual solutions with different lighting qualities for the essential areas of a building. Nevertheless, due to common details and optics, they convey a unified experience.





WE TAKE RESPONSIBILITY

RIDI Leuchten GmbH uses 100% green electricity.
In addition, we obtain heat energy from our own bioenergy
power plant (BEK) at our main plant in Jungingen.

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