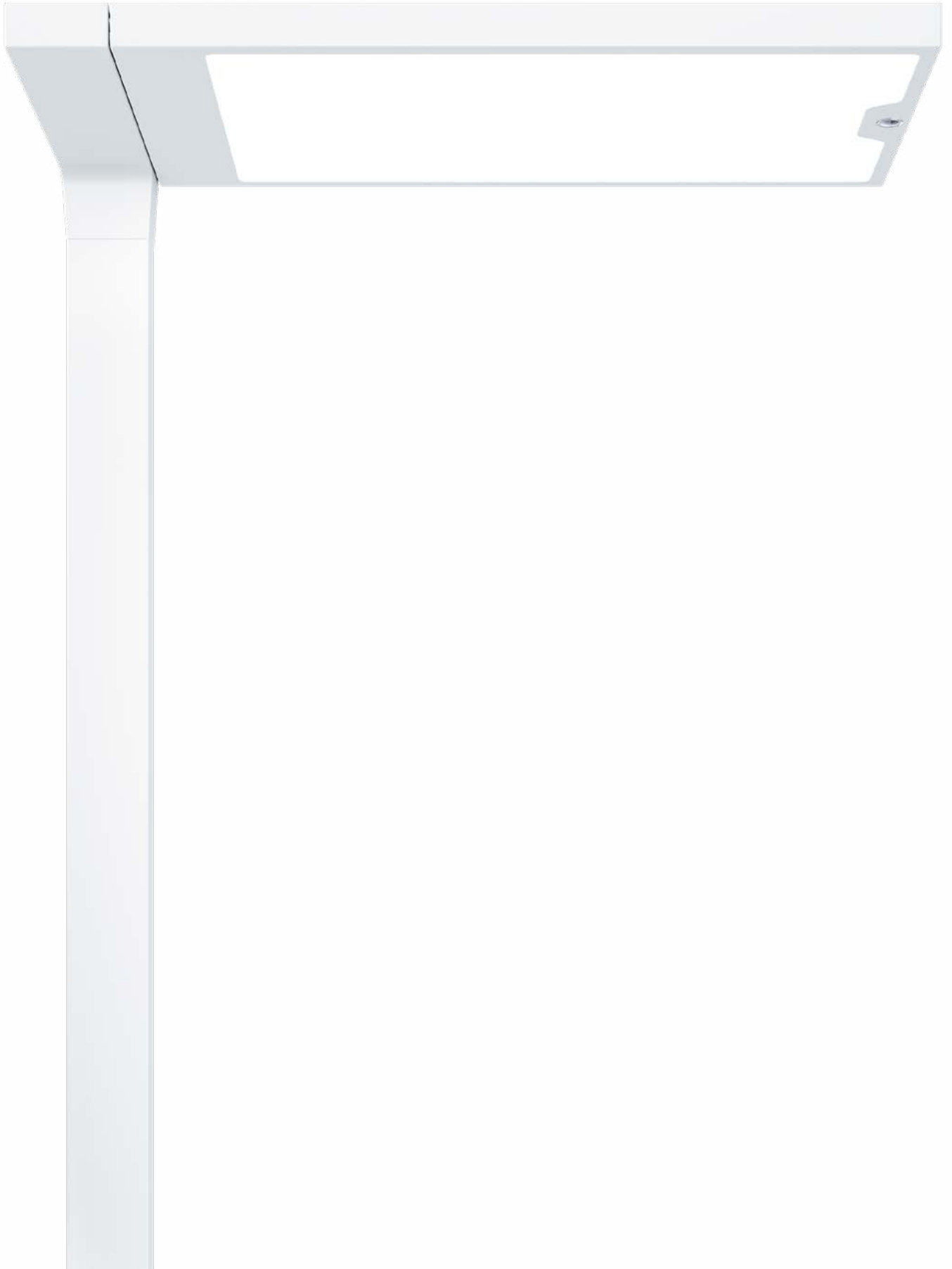


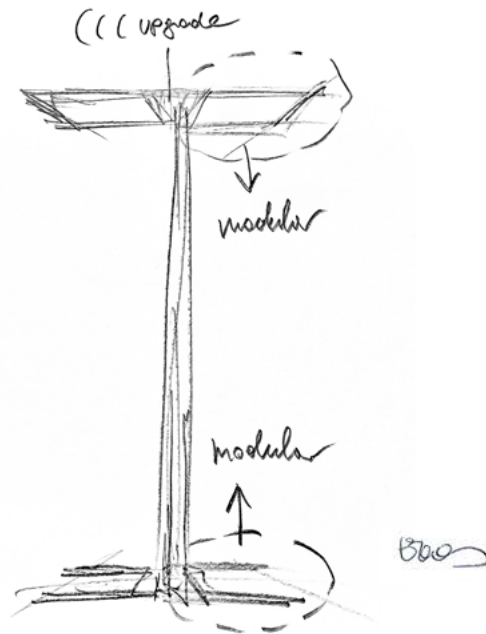


ARTELEA

FOR FREEDOM AND SUSTAINABILITY WITHOUT COMPROMISE





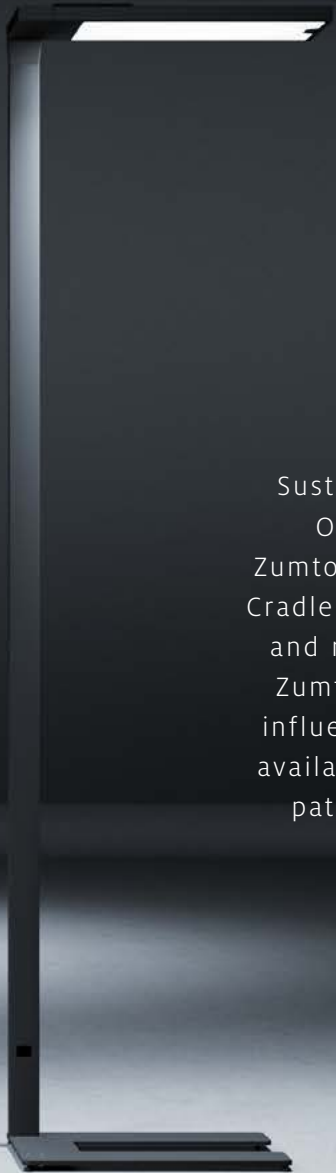


“The ARTELEA free-standing luminaire series adheres closely to the criteria of circular design. An innovative docking port system enables the free-standing luminaire to be reconfigured or modified at a later date, making ARTELEA the perfect solution for future-proof, long-lasting and flexible office applications.”



Harald Gründl,
Designer, E005 | AT





CIRCULAR DESIGN. A FUTURE-PROOF CONCEPT.

Sustainable without compromise. Not restricted by architecture.

Office lighting for generations to come. ARTELEA, the first Zumtobel product to be certified in accordance with the new, strict Cradle to Cradle Certified® Product Standard Version 4.0, represents and radiates all this and more. Developed in accordance with the Zumtobel Circular Design Rules (CDRs), which have been heavily influenced by the Cradle to Cradle concept, this modular design is available in nine different variations. ARTELEA brings the changing patterns of daylight to indoor spaces. Plug, play & shine – the future of office lighting is at your fingertips.

zumtobel.com/artelea



Double Desk Luminaire Face-to-Face
19 000 lm (2 x 9500 lm)



Four Desk Luminaire
38 000 lm (4 x 9500 lm)



Tripple Desk Luminaire
31 000 lm (2 x 9500 lm + 1 x 12 000 lm)



Four Desk Luminaire
24 000 lm (2 x 12 000 lm)



Single Desk Luminaire
12 000 lm



Single Desk Luminaire Left
9500 lm



Double Desk Luminaire Side-by-Side
19 000 lm (2 x 9500 lm)



Single Desk Luminaire Right
9500 lm

MINIMALIST DESIGN. TIMELESS ELEGANCE.

Effective lighting design is invisible – almost. ARTELEA blends discreetly into the room and cleverly directs the focus to the architecture. The slimline free-standing luminaire combines its discreet understatement and high luminous fluxes of up to 38 000 lm to create a timeless lighting effect.

ONE FREE-STANDING LUMINAIRE, NINE VARIANTS.

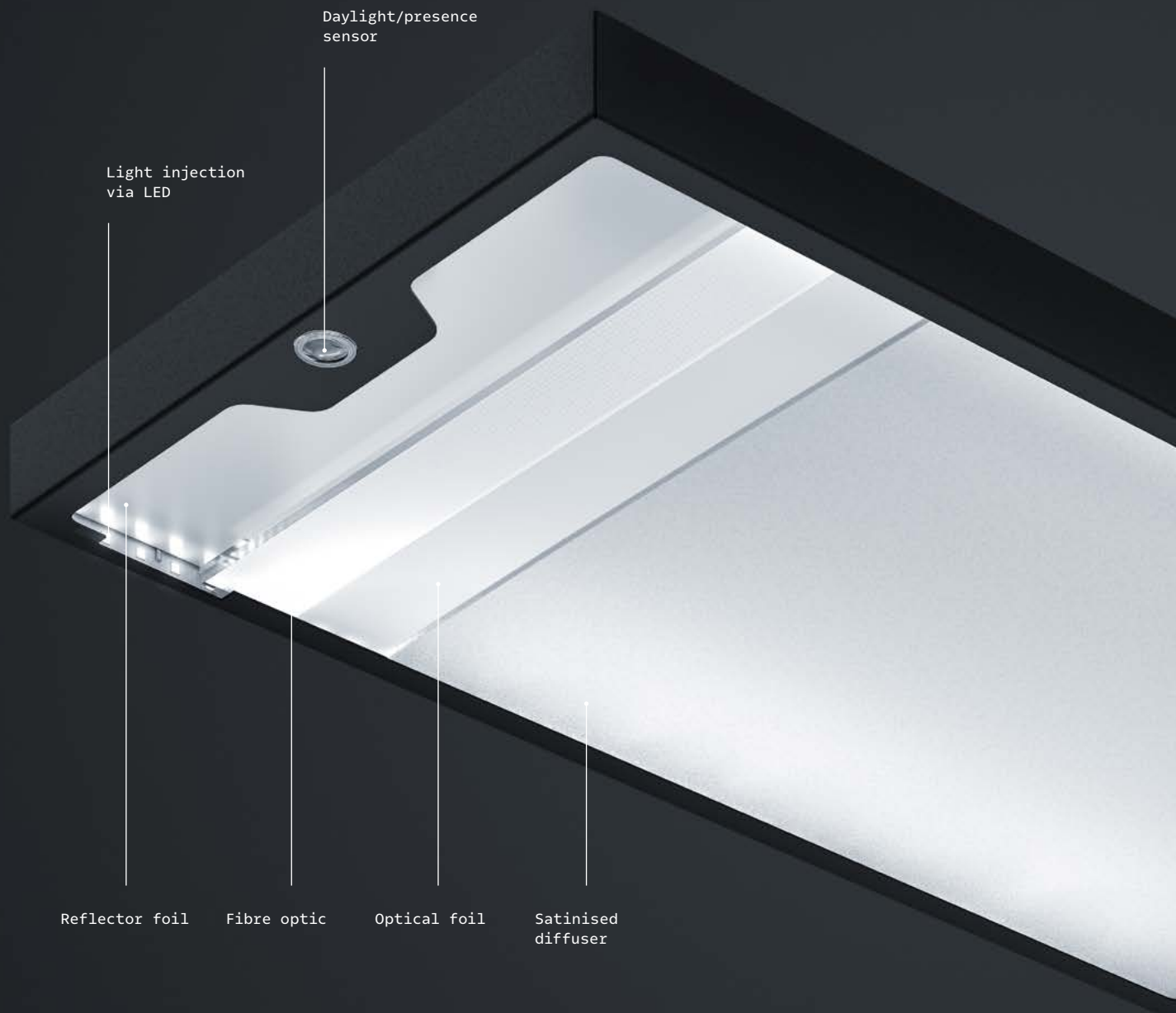
For the board of directors' office. Or a co-working space. For the individual workplace. Or a desk for four. From 9500 to 38 000 lumen. ARTELEA is as flexible as the modern office environment and can easily be adapted to changing uses and the New Work environment. One pole, two different sizes of luminaire heads in various configurations plus a wall luminaire combine to create up to nine versions of the ARTELEA. All individual but with a uniform look. For cohesive office interiors and maximum freedom of design.

CUSTOMISED OFFICE LIGHTING: JUST A FEW CLICKS AWAY.


Finding out which ARTELEA is suitable for a particular room situation is easy thanks to an online configurator that takes you securely and efficiently through all the steps of the selection process. Whether desk layout, housing colour or light temperature: depending on the customers' wishes and specific usage situation, a customised lighting design including an individual purchase list can be created. ARTELEA – the free-standing luminaire that adapts to the room. Not the other way around.



Product configurator



The multi-layer construction of the ARTELEA optic ensures excellent glare control with CRI90 colour rendering. An indirect light component of 80 per cent ensures a pleasant ambience with an open character. The light is radiated upwards and reflected via the ceiling, uniformly illuminating the workplace and enabling excellent depth perception at the desk.

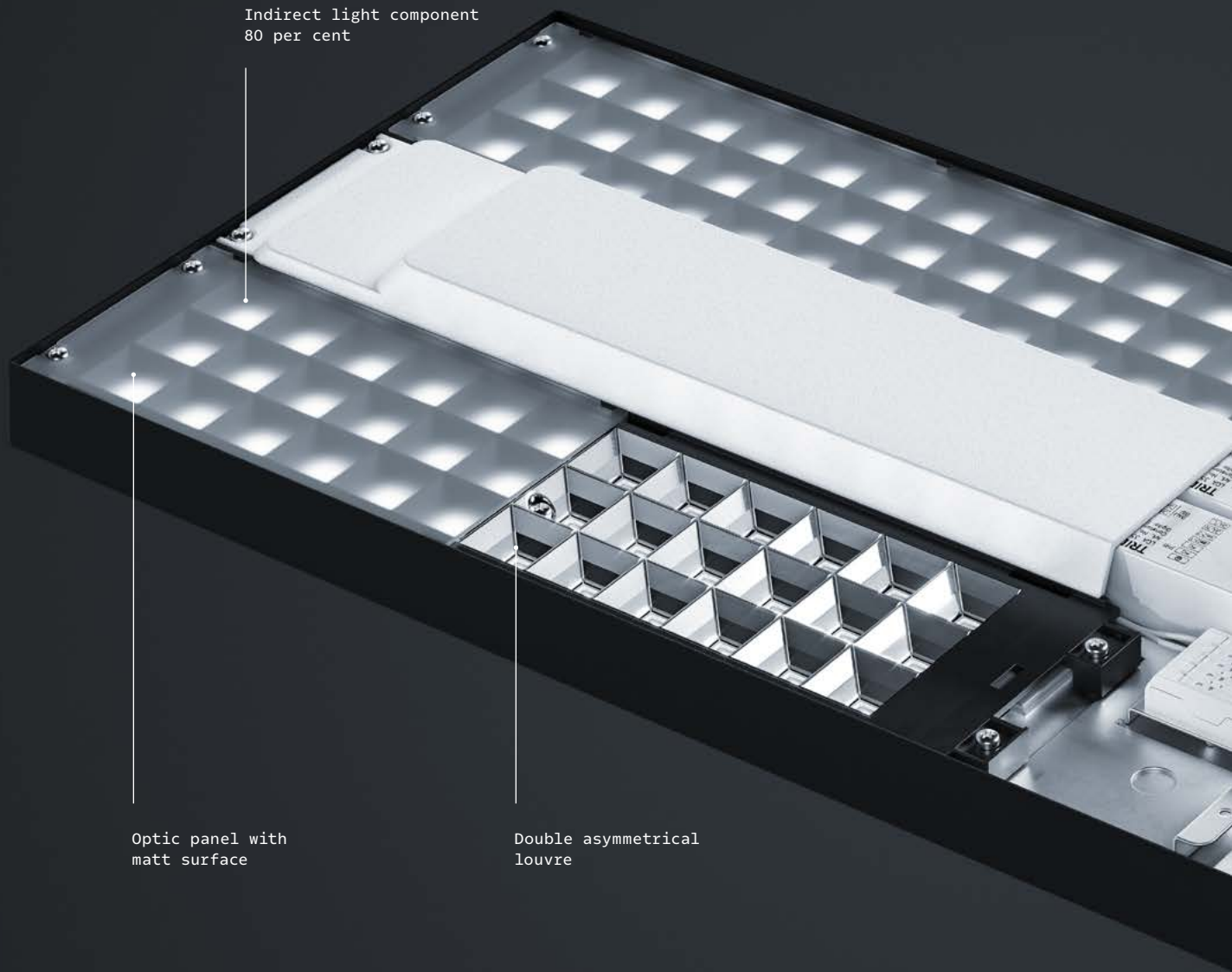


26 millimeter

SMALL HEAD, LARGE LIGHT OUTPUT

ARTELEA economises on size, not on light output, thanks to sophisticated lighting technology: the LED modules are connected on the sides, creating a flat luminaire head.

At an installation height of just 26 mm, the ARTELEA luminaire head is around 50 % narrower than comparable free-standing luminaires.



Indirect light component
80 per cent

Optic panel with
matt surface

Double asymmetrical
louvre

SMART TECHNOLOGY. CLEVERLY ARRANGED.

An indirect light component of 80 per cent ensures a pleasant ambience with an open character. ARTELEA offers packages of up to 9500 lumen for single workplaces and up to 19 000 lumen for double workplaces.

Dimmable ballast with a service life of up to 100000 hours

swarm has a diameter of just 35 millimetres and is extremely flat. The module can be connected to any of the ARTELEA free-standing luminaires via plug&play - and is attached with a simple click mechanism.

Allen key for fine adjustment of the head inclination

Docking point for second light head

ARTELEA control pod



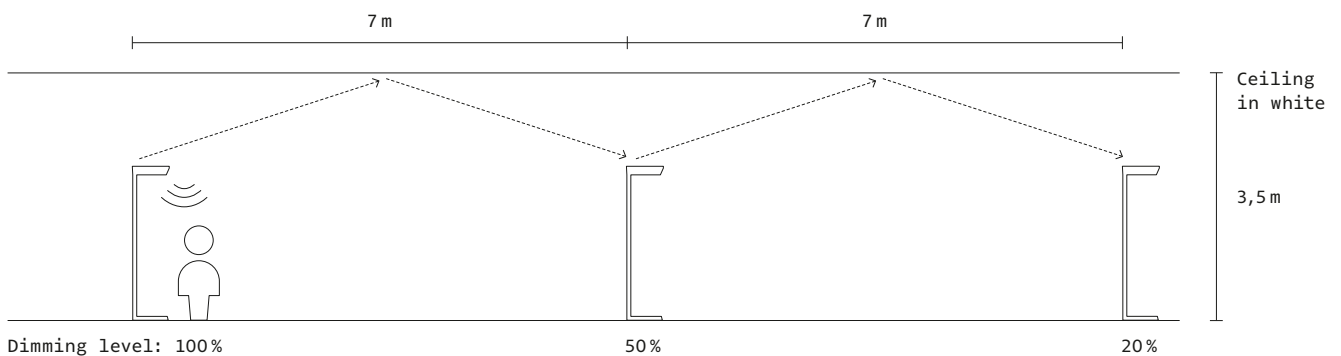
SWARM LIGHT THAT MOVES WITH YOU

ARTELEA is equipped with an interface for Zumtobel's new swarm technology as standard. From the presence-detecting luminaire as a central point of light to gently dimmed luminaires in the surrounding area – swarm creates a cloud of light around the users. Looking out into the darkness from a cone of light is a thing of the past. With the help of swarm, ARTELEA creates an office atmosphere that combines safety, well-being and energy efficiency – after all, a workplace is not an island.

INTUITIVE WORKPLACE LIGHTING

Lighting technology in the office shouldn't be a distraction. Instead, it should focus concentration on the task at hand. swarm connects individual ARTELEA free-standing luminaires automatically. If a luminaire detects presence, it is activated. Information is sent to the neighbouring luminaires in

the immediate vicinity. These then switch on automatically at predefined dimming levels. Endlessly having to switch the lights on and off becomes a thing of the past – for less eye-strain and an improved atmosphere of well-being, motivation and performance.



6500 K



2700 K



CONTINUOUSLY DIMMABLE LIGHT THAT REFLECTS THE RHYTHMS OF THE NATURAL WORLD

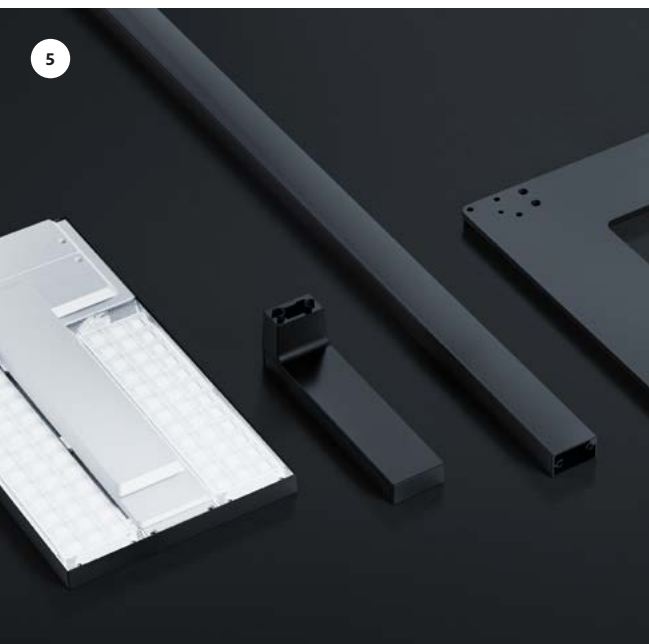
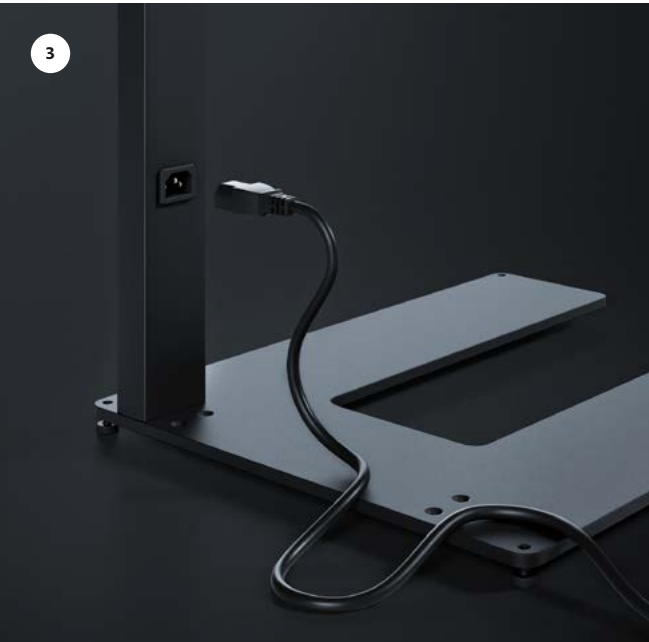
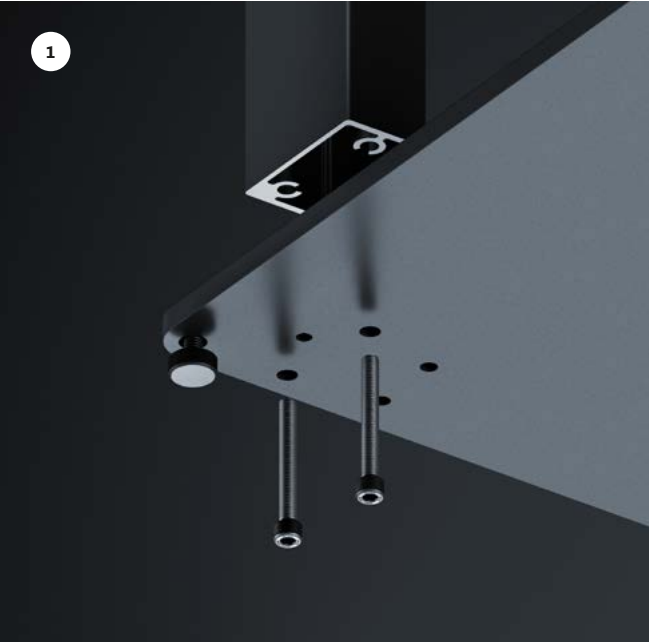
Office work often means working at a screen, which can be particularly stressful for the eyes and the optic nerves. ARTELEA uses tunableWhite with a real-time clock function to provide effective support for office workers: light colours and intensities that synchronise with the daylight help improve employee concentration and performance in the office.

BASED ON THE PATTERNS OF DAYLIGHT

For ARTELEA, Zumtobel has combined its tried-and-tested lighting technology with a real-time clock programme. This automatically adjusts light colours and intensities to the patterns of daylight in order to meet people's needs, based on scientific research.

INDIVIDUAL USERS, INDIVIDUALLY ADJUSTABLE

In order to take into account the needs of individual users – within the legal requirements – employees can adjust basic settings for themselves. This ensures maximum self-efficacy and increases well-being in the office – now and for generations to come.



QUICK INSTALLATION, FLEXIBLE POSITIONING.

Contemporary office spaces are constantly being reinvented. ARTELEA keeps pace with the changes: as a free-standing plug&play luminaire in up to nine different variants, it can be used however people need it to be. Maximum mobility instead of being forced to stay in one place. Assembly, disassembly and upgrading are just as easy: no bonding or welding. Just a few screws ensure a secure hold and easy replaceability – and the perfect light for all office desks.

1

Just two pairs of screws are needed to securely connect the head connection to the pole and the pole to the base plate.

2

The perfectly horizontal tilt of the luminaire head is also easy to achieve by using an Allen key to make fine adjustments.

3

An IEC power plug is installed in the luminaire pole – and provides the basis for the plug&play power connection. An expensive recessed ceiling installation and building installation costs for additional cabling are avoided.

4

The stand is also easy to adjust, as the height-adjustable feet compensate for even the slightest unevenness in the floor. A secure foundation – even on challenging parquet floors in older buildings.

5

“Design for disassembly” – dismantling desired. Easy to assemble – simple to disassemble: ARTELEA takes both work steps into account from the start. This not only enables particularly flexible use of the free-standing luminaire, but it also makes critical components, such as optics and LEDs, particularly easy to access and replace at any time.

6

Extension Kit
The ARTELEA free-standing luminaire series adheres closely to the criteria of circular design and offers the possibility of later adaptation and redesign with its innovative plug&play system. This makes it the perfect choice for sustainable, durable and flexible office environments.

8klm Driver Cover
Polycarbonat
195 Gram



Control Pod
Polycarbonat
69 Gram



Control Pod Components
Composite
68 Gram



Screws & Fasteners
Mostly Steel
80 Gram



Short T-Piece
Aluminium, Lacquer
605 Gram



FS Pole
Aluminium, Lacquer
2546 Gram



Mains Cable
Composite
316 Gram



U-Base
Steel, Lacquer
7829 Gram



8klm Uplight Optic
PMMA
335 Gram



Control + LEMs
Composite
609 Gram



8klm Gear-tray / heatsink
Steel, Lacquer
935 Gram



8klm Downlight Optic
PMMA
1001 Gram



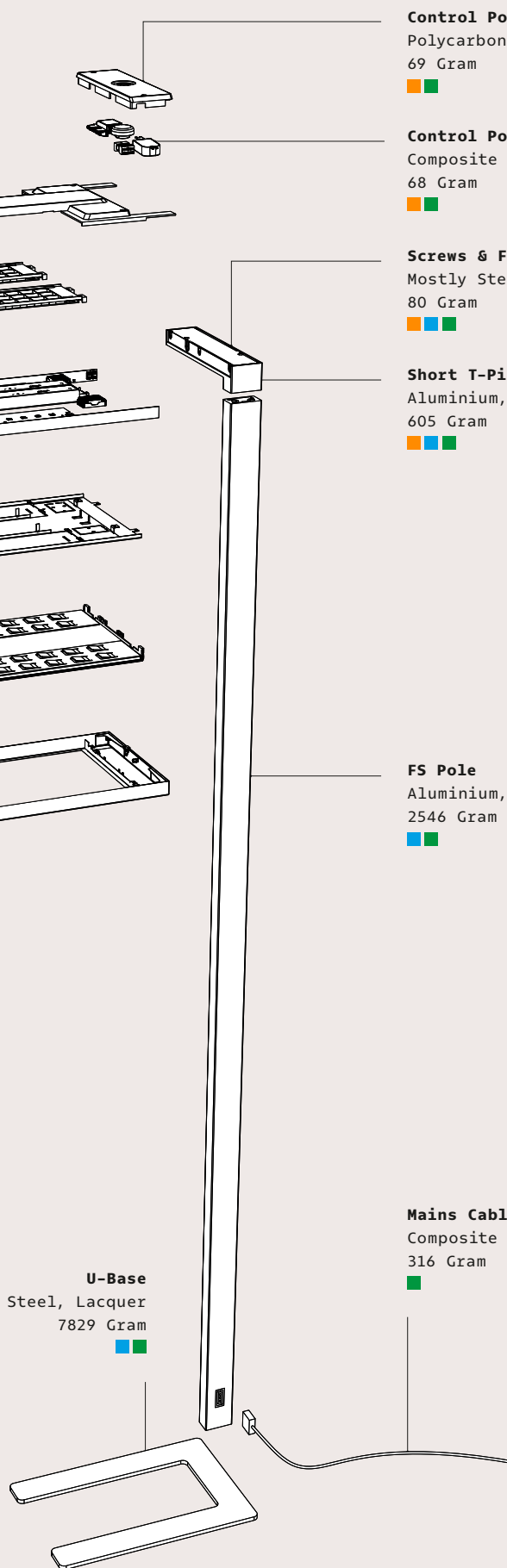
8klm Frame Assembly
Steel
644 Gram



**Upgrade,
exchange,
rebuild
possible**

Reuse

Remanufacturing





FULLY SUSTAINABLE. FULLY MODULAR

ARTELEA is the first Zumtobel free-standing luminaire to have been designed for sustainable, modular use right from its conception, with materials that are up to and over 80 per cent recyclable. A product design that's as flexible as today's office and working environments and additional conversion kits enable smart lighting retrofits, ensuring the lighting can be used for generations to come. Our comprehensive approach to sustainability has paid off: ARTELEA is the first Zumtobel product and one of the first luminaires on the market to receive the coveted Cradle to Cradle Certified® Bronze certificate.

Design for a longer life time

Good thermal management of the electronic components promises a life time of 100 000 hours. And thanks to planned remanufacturing, the luminaire can be given a new life.

Design for upgrades

While the LED drivers are future ready for long-lasting use, there is still much that can be done in the next 40 years in terms of lighting management and control electronics. ARTELEA is open to new developments with its easily replaceable control pod and swarm intelligence that can be retrofitted at any time. Basic luminaire heads can be converted to premium heads or even a new generation of luminaire heads within the same fixture.

Design for removal

Office architecture is constantly changing, however the need for standard-compliant illumination of workplaces remains the same. Thanks to their flexibility, free-standing luminaires are a future-proof type of workplace lighting, regardless of new ways of working and office layouts. There is no easier way to change lighting in the office.

Design for maintenance

No light heads suspended downwards thanks to simple readjustment using a tool that's integrated into the luminaire head. The reflector grids for the upright are protected with a plastic panel and can therefore be cleaned easily in order to ensure the luminaire's efficiency over its life time. The cable, which is subject to high levels of stress on the ground, can easily be replaced with an IEC power plug while in position.

Design for reuse

Free-standing luminaires are perfect for rental models or even a 2nd market. Despite ARTELEA's slimline design, all electronics are integrated in the head. Single-head luminaires can later be converted to twin-head luminaires. This means that valuable components remain in use for a long time and can be adapted to new contexts.

Design for remanufacturing

The mechanical design of the luminaire enables the entire lighting electronics to be quickly replaced either by Zumtobel or a local refurbishment service. The lighting technology components can also easily be upgraded if required.

Design for disassembly

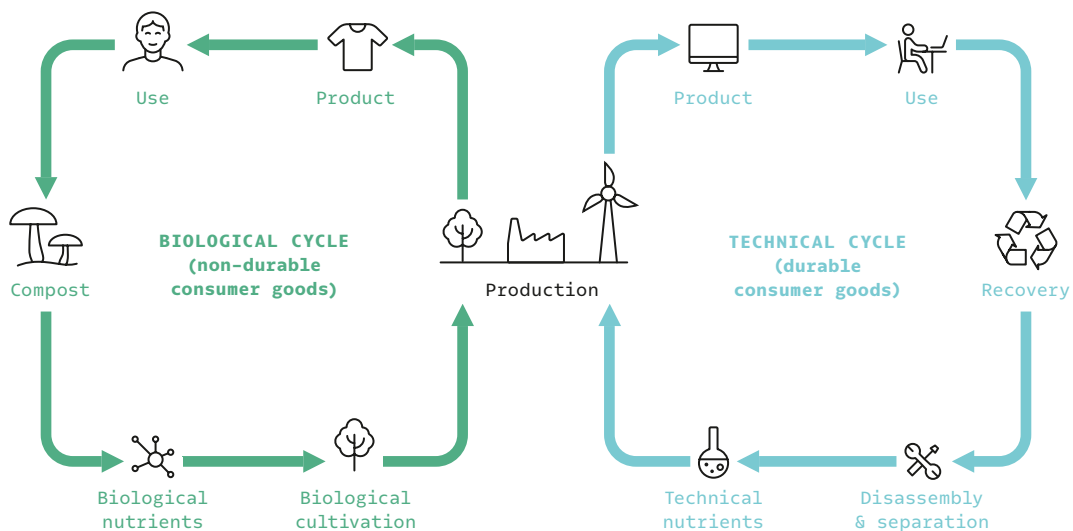
At the end of its life time, the luminaire can simply be separated into groups of materials such as aluminium, steel, plastic and electronics.

THE CIRCULAR ECONOMY IN PRODUCT DEVELOPMENT

The transition from a linear economy to a circular economy is calling for companies to fundamentally rethink their processes. New growth opportunities are developing from the focus on circular product cycles. Innovative products and services are emerging in the field of repair, reuse, remanufacture and recycling.

BIOLOGICAL AND TECHNICAL CYCLE

Cradle to Cradle according to Braungart and McDonough



CRADLE TO CRADLE® CONCEPT

Two key circular economy pioneers are Braungart and McDonough. The term they coined literally means from origin to origin. Cradle to Cradle® is modelled on biological cycles which do not produce waste. It means products are incorporated into new biological or technical cycles at the end of a product life cycle.

CRADLE TO CRADLE CERTIFIED®

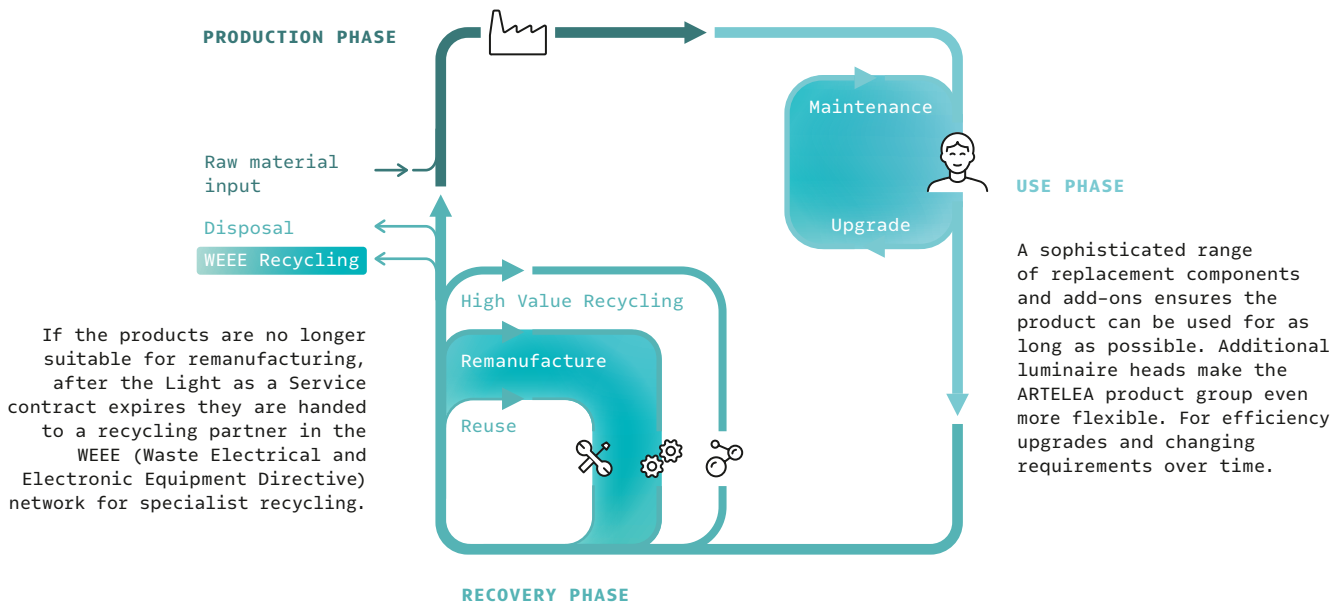
The Cradle to Cradle® Products Innovation Institute offers product certification to the new, challenging Cradle to Cradle Certified® Product Standard Version 4.0. Zumtobel is striving to meet these requirements with selected new products. This will provide independent proof of our continuing commitment to sustainability. Our customers can then be sure that our products are future-proof and fully optimised for the circular economy.

These ambitious targets are shaping Zumtobel's circular economy strategy, including when it comes to ARTELEA. Three cascading usage cycles are part of a sustainable product strategy for the long-term use of valuable resources.

Keeping the valuable raw materials in luminaires in use for as long as possible. Preparing products for a further utilisation phase.

ZUMTOBEL CIRCULAR SYSTEM NAVIGATOR

ARTELEA in the Circular Economy



If the products are no longer suitable for remanufacturing, after the Light as a Service contract expires they are handed to a recycling partner in the WEEE (Waste Electrical and Electronic Equipment Directive) network for specialist recycling.

A sophisticated range of replacement components and add-ons ensures the product can be used for as long as possible. Additional luminaire heads make the ARTELEA product group even more flexible. For efficiency upgrades and changing requirements over time.

With the second cascade, the product can be taken back and remanufactured after the Light as a Service contract has expired. The luminaire is reconditioned after passing a suitability test. A new product emerges from the old one. After the remanufacturing process, the luminaire is ready to be used again in Light as a Service contracting.

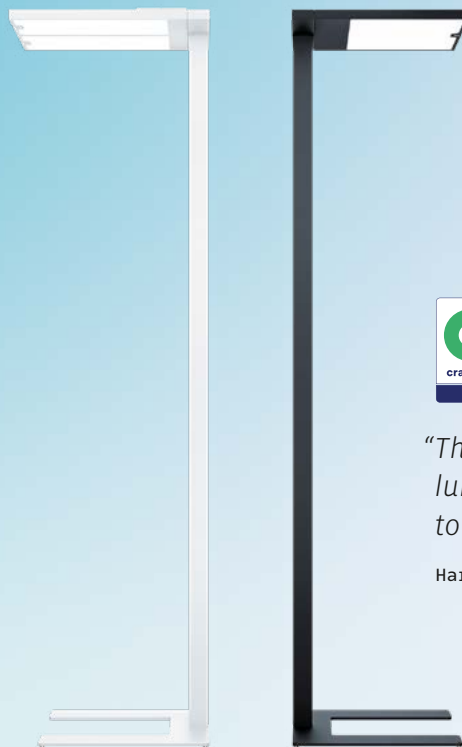


sustainability.zumtobel.com

ZUMTOBEL CIRCULAR DESIGN RULES




The Zumtobel Circular Design Rules (CDR), which were developed in close liaison with the design studio E00S and EPEA Switzerland, are a solid internal basis for circular products.

The Circular Design Rules have been applied to all new product developments by Zumtobel since May 2021 and are continuously being further developed.



“The ARTELEA free-standing luminaire series adheres strictly to the criteria of circular design.”

Harald Gründl, designer, E00S

 <p>CIRCULAR SOURCING</p>	 <p>CIRCULAR DESIGN</p>	 <p>CIRCULAR SYSTEMS</p>
<p>Recycling Content % recycled material in the product</p>	<p>Design for disassembly Design and construction for an easy disassembly of the product</p>	<p>Maintenance and upgrade Refurbishment kits, spare parts and services to prolong the lifetime of luminaires</p>
<p>Average recycling content of 21%</p>	<p>Easy reachable components within the luminaires head</p>	<p>Offering replacement and upgrade components ensures the longest possible service life of the product at the customer's site</p>
<p>Material Health Materials compliant with Cradle to Cradle® restricted substances list</p>	<p>Design for longer life time Selection of long lasting materials and semi-finished products</p>	<p>Re-use and remanufacturing Infrastructure, services and business models for used and remanufactured luminaires</p>
<p>Only Cradle to Cradle® RSL compliant materials are used. All materials are assessed within the Cradle to Cradle certification framework, including materials like lacquer</p>	<p>Long lifetime of LEDs and electronic components: 100 000 hours - L80</p>	<p>Take-back and Remanufacturing Service offered within a LaaCS contract (Light as a Circular Service)</p>
<p>Recyclability Recyclability of materials used in the product</p>	<p>Design for maintenance and upgrade Design with interfaces for maintenance and upgrades</p>	<p>High value recycling Infrastructure, services and business models to recover high value materials in closed loops</p>
<p>Average recyclability of 83%</p>	<p>Easily accessible components, e.g. LEDs and driver, IEC connector, SWARM module retrofittable</p>	

INTEGRATED LIGHTING SOLUTIONS

The purchase is not the end of a successful customer relationship – it's just the beginning. From artificial or emergency light to lighting controls or building infrastructure, as a single-source provider of state-of-the-art lighting solutions, Zumtobel supports its customers with everything from initial product ideas to the recirculation of raw materials. It provides expert project management for turnkey lighting solutions from a single source at a plannable cost – from the first draft, suitable financing and on-time installation to maintenance, conversion and retrofitting. The Zumtobel promise: to use light to create living spaces that can be successfully used and enjoyed for generations to come.

CUSTOMER-SPECIFIC PRODUCT DEVELOPMENT

When standardised lighting solutions reach their limits, Zumtobel also implements customised products on request, combining unconventional thinking with established processes, fresh ideas and plannable implementation to create solutions that are as unique as the customers themselves. In doing so, Zumtobel always keeps an eye on current market requirements – and transforms ideas into its future product portfolio.

DIGITALISE BUILDINGS

If desired, the lighting infrastructure can also be used as a starting point for digitalising entire buildings. Whether measuring presence, analysing air quality or tracking goods, sensor technology and specific software open up access to the numerous possibilities of the Internet of Things (IoT). Zumtobel experts provide support by transparently mapping and optimising extensive building processes.

RENT LIGHT INSTEAD OF PURCHASING

Zumtobel can provide innovative financing options for a lighting project on request. With "Light as a Service", customers receive their light at fixed monthly rates instead of buying it. To this end, Zumtobel takes on all tasks associated with lighting – including project design, turnkey delivery and recurring maintenance work. Light as a complete solution: we make sure you have the perfect light, so you can focus on your core business.



SPAR Headquarters, Salzburg | AT



ASSESSMENT

Collaboration begins with a comprehensive assessment of the situation: What are the requirements of the lighting solutions? Which parameters should be adhered to, where should savings be made? Based on this preliminary work, concrete, measurable goals can be formulated – the foundation of every successful lighting project.



PLANNING

Zumtobel designs lighting to meet individual customer requirements. This includes lighting planning, lighting design and the organisation of the lighting controls and safety lighting. For ARTELEA and other system luminaires, customers have access to an online configurator that helps them create a customised purchase list in just a few clicks. From room size and energy efficiency to luminous flux: depending on their wishes and specific usage situation, an individual lighting design can be created with ARTELEA.



MAINTENANCE

Even after commissioning, Zumtobel ensures that existing building lighting solutions continue to function at the highest level for as long as possible, allowing them to play their part in creating not only an optimal user experience, but also a living space that can be used sustainably, in the best sense of the word, for generations to come. The Zumtobel in-house service team offers a wealth of in-depth knowledge and practical expertise – not only in the DACH region but also in many other countries worldwide.



RECOVERY

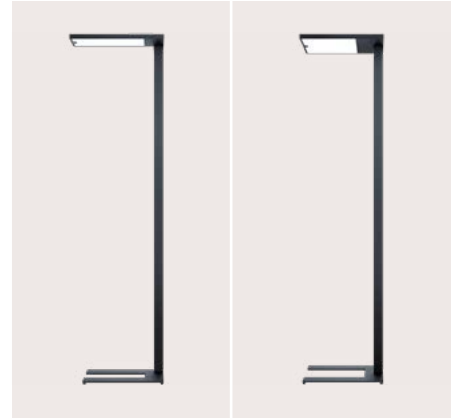
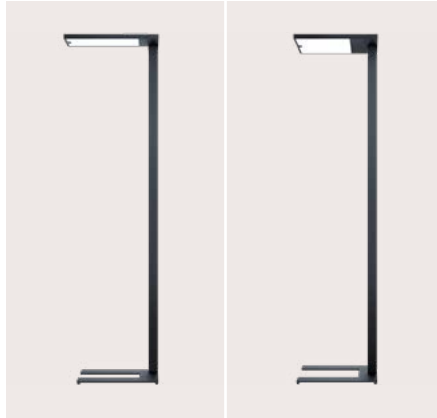
Zumtobel's customer support continues right to the end of the product life cycle and also includes the recovery and recycling of valuable raw materials. In collaboration with specialised partner companies such as Concular – a platform for resource-efficient construction, in line with the core principles and values of the circular economy, Zumtobel is developing returns and recycling processes. This makes the products and solutions far more sustainable, for everyone.





ARTELEA
Single head
Left/right

ARTELEA
Single head
Wide

**ARTELEA
supreme**
Single head
Left/right

**ARTELEA
supreme**
Single head
Wide



Luminaire head	Single head 555 x 256 x 26.5 mm	Single head 513 x 489 x 26.5 mm	Single head 555 x 256 x 26.5 mm	Single head 513 x 489 x 26.5 mm
Modules can be added	-	-	yes	yes
Pole dimensions	2040 x 55 x 30 mm		2040 x 55 x 30 mm	
Base plate dimensions	470 x 375 x 8 mm	527 x 470 x 8 mm	470 x 375 x 8 mm	527 x 472 x 8 mm
Table column dimensions	1282 x 55 x 30 mm		1282 x 55 x 30 mm	
Table clamp dimensions	100 x 140 x 8 mm		100 x 140 x 8 mm	
Luminaire luminous flux	9500 lm	12 000 lm	9500 lm	12 000 lm
Colour temperature	3000 K, 4000 K		3000 K, 4000 K, TW 2700 - 6500 K, SPECTRUM	
Colour rendering index	Ra 90		Ra 90	
Light distribution	symmetrically homogeneous direct light, double asymmetrical indirect light with louvre optics		symmetrically homogeneous direct light, double asymmetrical indirect light with louvre optics	
Sensors	daylight, presence		daylight, presence, real-time clock for tunableWhite synchronisation	
Control	local control, basicDIM ILD GEN 2		local control, sceneCOM S RTC FSL	
Available accessories	swarm Module, remote control		swarm Module, remote control, User app	
Desk layout				

ARTELEA

**ARTELEA
supreme**

Double head
Side-by-Side

**ARTELEA
supreme**

Double head
Face-to-Face

**ARTELEA
supreme**

Triple head

**ARTELEA
supreme**

Four-desk luminaire
with 4 heads

**ARTELEA
supreme**

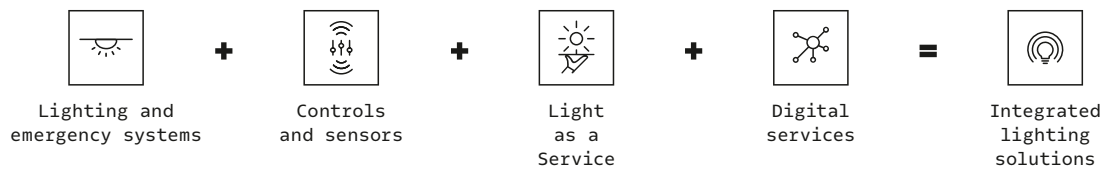
Four-desk luminaire
with 2 wide heads

ARTELEA
Wall mounting



Double head 1048 x 256 x 26.5 mm	Double head 555 x 513 x 26.5 mm	Triple head 983 x 513 x 26.5 mm	Four-desk luminaire 916 x 513 x 26.5 mm	Double head 983 x 513 x 26.5 mm	Wall mounting 256 x 493 x 26.5 mm
yes	yes	yes	yes	yes	-
		2040 x 55 x 30 mm			-
883 x 375 x 8 mm	470 x 527 x 8 mm	958 x 527 x 8 mm	958 x 527 x 8 mm	958 x 527 x 8 mm	
1282 x 55 x 30 mm		-	-	-	-
100 x 140 x 8 mm					
19 000 lm	19 000 lm	31 000 lm	38 000 lm	24 000 lm	5500 lm
		3000 K, 4000 K, TW 2700 - 6500 K, SPECTRUM			3000 K, 4000 K, TW 2700 - 6500 K
		Ra 90			Ra 90
	symmetrically homogeneous direct light, double asymmetrical indirect light with louvre optics				as for free-standing luminaire
	daylight, presence, real-time clock for tunableWhite synchronisation				-
	local control, sceneCOM S RTC FSL				-
	swarm Module, remote control, User app				-

T H E L I G H T



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