

OLIGO Каталог Single 2016-2017

OLIGO

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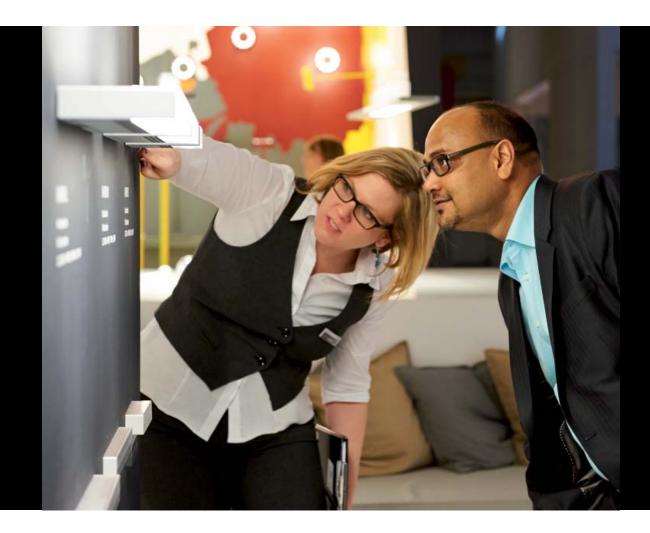
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OLIGO IS "MADE IN GERMANY" IN THE BEST SENSE

We design, develop and manufacture OLIGO luminaires with the highest quality requirements entirely in Germany.

Regardless of whether its batch or serial production, we always place our trust in our close and long-term collaboration with specialist partners – tailor-made solutions from expert operations and service providers in the region who provide outstanding support for our product ideas in design and technology.



WE ARE THERE FOR YOU PERSONALLY.

SERVICE IS PARAMOUNT FOR US

Our offering for specialist retailers, planners, architects and installers begins with high quality single luminaires and stretches through to professional lighting advice.

You can get answers to technical questions about our luminaires in our service centre. For us, responsibility for our products does not end with installation. An extensive stock of spare parts provides you with assurance that your OLIGO lights can be returned to perfect working order even after many years of use.

OUR OFFERING FOR LIGHTING PLANNERS AND ARCHITECTS

Whether it's living spaces, office spaces or commercial premises – their effect is substantially determined by the lighting. The wide variety of options from LED lighting technology and innovative operating concepts are making lighting planning increasingly challenging.

We support our customers and partners right from the planning phase with lighting technology expertise and digital planning tools, and we offer professionally planned solutions for almost all interior lighting requirements. A team of experienced sales representatives and lighting planners are available to you for individual advice.



KNOWING WHAT IS IMPORTANT.

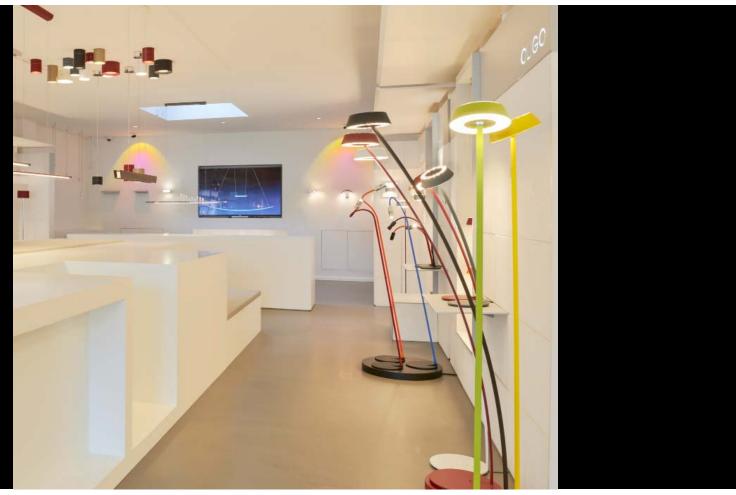
WELCOME TO THE OLIGO LIGHTORIAL

Are you a specialist retailer, lighting planner or electrician? In our training, we offer things worth knowing about lighting technology and lighting systems – underpinned with theory, applied practically and taught by experienced professionals. We deliberately provide training free of charge and in small groups of up to six participants.

OLIGO training courses take place in our Lightorial in Hennef and also, upon request, at our specialist retailers' sites. Your OLIGO sales contact person will be happy to help you arrange an appointment. OLIGO Lichttechnik GmbH Lightorial Meysstraße 22-24 53773 Hennef

Tel.: +49 2242 8702 - 429 email: lightorial@oligo.de

Do you have a training requirement which is not yet on our programme? We look forward to receiving your suggestions and are happy to discuss your themes.



OLIGO Showroom Hennef

FEEL THE LIGHT EXPERIENCE OLIGO LIVE.

VISIT US IN OUR SHOWROOMS AND POP-UP STORES

In our showrooms, you can obtain comprehensive information about our range of products and experience the optical and material quality of our luminaires for yourself. Among other places, we present our luminaires at our headquarters in Hennef near Bonn. We request that you make an appointment in advance so that we are able to provide you with individual advice.

In temporary pop-up stores at varying design hotspots in Germany, we present single luminaires for examination and picking up for a limited time. A current overview with addresses can be found at www.oligo.de.

CONCEPT GALLERY – CONCEPTS FOR LIGHT AND SPACE

The concept gallery collects the major furnishing themes of floor, wall, ceiling and light into a comprehensive design concept and is a recommended port of call for planners, developers and lighting enthusiasts. Together with various brand partners, we present light and luminaires in combination with exquisite interior design.

Events and seminars make the concept galleries meeting points for the local lighting and architecture scene. At regular intervals, we, together with our brand partners, invite you to an exchange of ideas or project presentation, a get together or even for excursions.



Concept Gallery Düsseldorf

Are you an architect, interior designer or lighting planner and want to be informed about the concept gallery events? Write to us or give us a call, we will be happy to provide information about planned topics and dates.

Concept Gallery Düsseldorf Ernst-Gnoss-Strasse 5 D-40219 Düsseldorf

Tel.: +49 211-1576072-0 email: info@concept-gallery.de

www.concept-gallery.de

OLIGO INTERNATIONAL SALES

Outside Germany, we work with various distribution partners. Find your nearest dealer using the dealer search on our service page at www.oligo.de.

QUALITY THAT YOU CAN SEE AND FEEL: IN EACH AND EVERY PRODUCT.

OUR IDEA OF GOOD LIGHT IS THE COMBINATION OF DESIGN, FUNCTION AND QUALITY.

The homogeneous fusion of design and functionality, taking the highest quality standards into account, is a particular feature of OLIGO luminaires.

All OLIGO luminaires are designed by our development team at the Hennef site. In the design and engineering phase, we determine essential product factors such as light output, range of functions, thermal management or area of application. Through careful definition of these parameters, we directly influence the quality and longevity of our products.

We also make decisions with regard to the components used, the choice of materials and the finishing with great care.

Our preferred material is aluminium. We achieve precise edges and an excellent surface finish in all parts through elaborate processing with exact turning and milling grades. High quality surface finishes, such as polished chrome surfaces or extensive anodic oxidation for example, give our luminaires a finish which is as unique as it is durable.

In our optical systems, we use high quality glass lenses and never plastic lenses. Durable materials such as glass and aluminium make each luminaire a long-lasting fixture.

CONSISTENT LIGHT QUALITY

Each luminaire is equipped with LED modules developed in-house in order to be able to optimally balance the light scene and the light output with one another.

During the course of comprehensive quality testing, we are continually ensuring that only LEDS with identical binning – so identical brightness and light colour – are used. We thus achieve a homogeneous light output across the entire luminaire surface. Our luminaires for the living area generally have a warm white colour temperature of between 2,700 and 3,000 kelvins.

MODERN LIGHTING COMFORT

The quality of the light and luminaires is shown in more than just the design and light scene. Alongside lighting technology quality criteria, handling and options for lighting control play an essential role.

We meet these demands with intuitive operating options for switching and dimming, and we develop convenient solutions for contemporary lighting in living space and property.



REFLECTORS, OPTICAL LENSES AND PRISMS: REFINEMENTS ON PRECISE LIGHTING CONTROL.

We develop LED luminaires for living space and the representative business environment which are formally restrained and set the stage for light. The range stretches from softly radiant room lights through to glare-free table and reading luminaires and is characterised by excellent light scenes.

Light is omnipresent but hard to grasp. – Or is it? With the right know-how, it can be directed, focused, filtered.

Our works begins with the idea of a well designed luminaire. Only then do we bring light scene and luminaire together in a multi-phase development process. Here, we use quality lenses which are also used, for example, in the automotive industry and aviation.

Our aim is to achieve a realisation of the intended light distribution which is as excellent as it is efficient.

REFLECTORS – COUNTLESS FACETS FOR BRILLIANT LIGHT

Reflectors control the direction of the light in the space and have a multitude of benefits in combination with LEDs. Finding the optimal reflector for luminaires with a small structural form isn't easy. In order to achieve the highest level of efficiency, the design of the reflector needs to be coordinated with the physical and photometric properties of the LED light source. At the same time, the thermal properties of the luminaire body need to be taken into account.

With individually calculated, highly efficient reflectors, we achieve almost complete reflection of the light with exact, almost lossless light control.

OPTICAL LENSES – TRANSPARENT PRECISION

Material and manufacturing processes determine the quality of an optical lens. Cheap plastic lenses project colour fringes at the edges of the cone of light, create turbulent light scenes and have only limited resistance to ageing. High quality glass lenses, on the other hand, are free from air pockets, precisely formed, polished and centred. That's why we use quality lenses in our luminaires with lens technology, similar to those which are used in measurement technology or microscopy. They ensure a high degree of transmission and allow for exact control of the light spectrum across the entire service life of the luminaire.

In many of the LED luminaires from OLIGO, the optical lenses have a micro satin finish on the back. This fine texture, coordinated individually with the light source, causes further homogenisation of the light scene with excellent colour mixing. The gently fading light-dark border and the absence of any corona formation at the edge of the cone of light are an unmistakeable quality criterion for good light.

PRISMATIC LENSES - SHEER SHINE

Room lights and pendant luminaires from OLIGO are equipped with high quality prismatic lenses. The reduce the glare of the light source and distribute the light evenly across the breadth.

Quality and purity of the acrylic glass determine the quality of the light scene. Through precise calculation and hot stamping, prismatic structures which combine precise light control functions with the greatest possible efficiency can be created. Carefully calculated, each luminaire receives its individual interpretation in the light scene.

As a fortuitous side effect, prismatic lenses have high decorative value thanks to their diamond-like sparkle which we like to pick up and integrate selectively into the design of our luminaires.

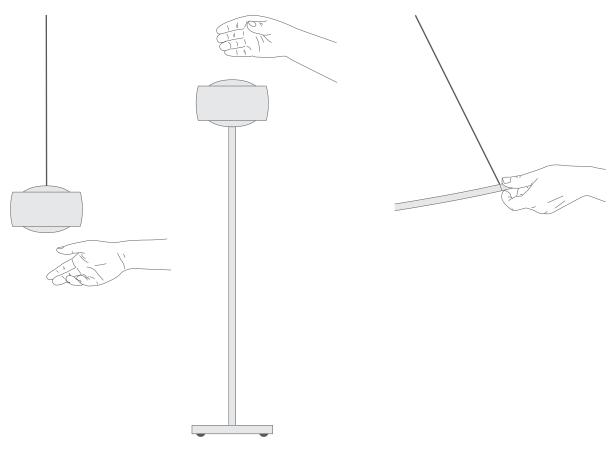


KELVEEN Table luminaire with glass lens and micro satin finished film DECENT Pendant luminaire with prismatic lens

RIO Pendant luminaire with high performance reflector KUULA Table luminaire with partially satin finished glass shade

CONTROLLING THE LIGHT WITH A GESTURE IS A MAGICAL EXPERIENCE.

A simple hand gesture – probably the most intuitive way that a light can be controlled. OLIGO is one of the first luminaire manufacturers to have integrated intuitive gesture control into its range of products.



TOUCHLESS GESTURE CONTROL

INNOVATIVE AND INTUITIVE

Light comfort is reflected in a sophisticated control concept. Stylistically confident design combined with intuitive operation and ease of use. A subtle hand movement is enough to control the light. Touchless gesture control makes switching and dimming luminaires an almost magical experience and underlines the high level of innovation in OLIGO luminaires.

Within a detection area of 10 centimetres, a sensor detects the direction of movement and position of the hand. The luminaire can be switched on or off using a hand movement near the sensor. If the hand lingers over the sensor for a longer time, the dimmer function is activated.

The integrated control module operates wear-free. Ambient light or signals from infrared remote controls do not affect the functioning in any way. This innovative form of luminaire control was honoured with the Plus X award for innovation and ease of use.

THE TOUCH DIMMER

CONVENIENT AND ALWAYS WITHIN REACH

Luminaires from OLIGO fascinate through high quality surfaces. They delight the eye and flatter the hand. Instinctively, you want to touch them. Thanks to an integrated sensor, this touch leads to interaction.

With this intuitive form of light control, the brightness of the luminaire is controlled simply by touching the sensor surface or the luminaire housing.

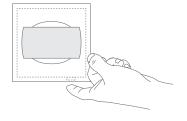
Switching on and off is done with a brief touch, continuous dimming is done by leaving your hand on the sensor surface for longer. The slightest difference in potential between the luminaire and the person touching it leads to a switching action. The duration of the touch is assessed by a microprocessor with special software and the brightness is adjusted.

For pendant luminaires, for example, this saves more than just the additional dimmer on the wall. You no longer have to get up from the table to adjust the brightness.



SETTING UP LIGHT SCENES QUICKLY AND CONVENIENTLY? – NO PROBLEM WITH PRE-CONFIGURED DIMMING LEVELS.

For quick set-up, LED wall luminaires are provided with eight application-optimised light characteristics. For multiple lights in series, this simplifies the manual setting of a uniform or varying lighting effect.



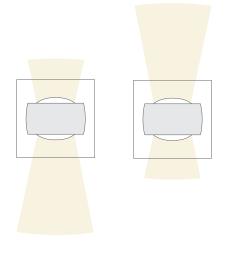
SEQUENTIAL STEP DIMMER

CONVENIENT SWITCHING AND CONTROL

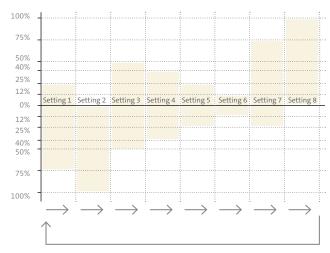
Wall luminaires are subtle design elements which nevertheless define the room. LED wall luminaires from OLIGO are equipped with two separately controllable LED modules for appropriate staging of walls and hallways. They generate a homogeneous cone of light with a light scene that tapers off softly on both sides.

The wall luminaires are equipped with a pre-set step dimmer for quick, manual setting of the lighting effect from multiple luminaires in series. It covers eight application optimised light scenes with double symmetrical or asymmetrical lighting effect.

Thus, appealing light scenes can conveniently be set up on the luminaires. For operation in public spaces, the luminaires can be blocked against alteration.



LIGHTING CONTROL WITH STEP DIMMER



Eight application optimised lighting moods are stored and can be called up one after another via a button.



PROFESSIONALLY SHOWCASING ROOMS WITH DALI.

DALI is the best known digital, standardised interface for controlling lighting technology control units. Originally designed for dimming fluorescent lamps, the system has developed into an all-round tool for professional lighting moods.

DALI – DIGITAL ADDRESSABLE LIGHTING INTERFACE

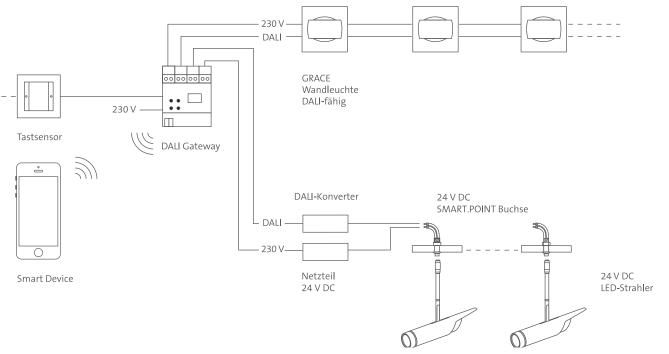
As a digital, open standard, DALI offers a multitude of products and areas of application which have distributed intelligence and automated functions such as individual status reporting or system monitoring.

Interfaces with complex systems for building systems technology such as KNX, LON or DMX allow DALI components to be combined with existing building control technology.

DALI-COMPATIBLE LED WALL LUMINAIRES

The DALI-compatible MAVEN, TUDOR and GRACE LED wall luminaires can be integrated into automated lighting control systems. Uplights and downlights can each be controlled via their own channel. This allows for the configuration of complex lighting moods for larger commercial applications, or stand-alone systems for smaller installations.

The dimming actuators in DALI-compatible wall luminaires support the DALI 2 standard and benefit from this expanded functional scope.





WITH HIGH QUALITY SURFACES, LUMINAIRES FROM OLIGO ADD SOPHISTICATED ACCENTS TO THE ROOM.





CHAMPAGNE | RAL 1035



MATT GREY | RAL 7011



MATT SILVER



MATT WHITE II | RAL 9001



GRAPHITE



MATT BLACK | RAL 9005



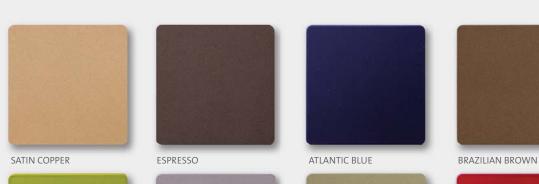
LEAF GOLD BEATEN METAL



MATT WHITE | RAL 9016



MATT SILVER II







PATAGONIA SPRING

PURPLE GREY

PEARL SILVER

RED VELVET

FROM MATT TO GLOSSY – OUR SHADES, COLOURS AND SURFACES.

TRANSPARENT SHADES

For transparent lamp shades, we use crystal glass. As early as the 15th century, crystal clear glass was being produced in Venice and advertised as "cristallo". The sparkling, colourless lenses with high light refraction can be manufactured in the optimal thickness without losing transparency.

Sometimes, high temperature differences can occur on a luminaire, which the lamp shade must withstand long term. Here, we use borosilicate glass which is known for its insensitivity to sudden temperature fluctuations.

SATIN FINISHED SHADES

Satin finished glass has become one of the preferred materials in architecture and design. It is made from clear glass and is sandblasted to achieve an opaque glass which is nevertheless permeable to light. The perfect evenness of the satin finish characterises the quality of satin finished lenses. They not only have their own unique feel, but also cause a specific type of light diffusion with a very gently fading light scene. If the lenses are coloured, the result is a beautiful play of colour on the wall.

BRUSHED ALUMINIUM

Brushed aluminium fascinates with its extremely fine textures and matt shine. The finishing of the surface is done by hand. The art is in guiding the work piece evenly onto the brushes so that it results in an even grinding pattern. For an optimal result, the operation must be completed in a single stroke.

POWDERED SURFACES

Unobtrusive and modern – powder coating is a tried and tested form of tempering for metal surfaces for domestic appliances and furniture, vehicles and facades. An automated coating procedure results in evenly coloured, long-lasting surfaces with a homogeneous texture.

POLISHED CHROME SURFACES

Timeless. Flawless. Shining chrome surfaces are an eternal classic in any furnishing concept. In five work steps, the blank is polished, copper-plated, polished again, then nickel-plated and finally chromeplated.

SOFT TOUCH SURFACES

The newly developed Soft Touch surface provides fine shine in living space and property. The manually completed perfect finish is applied to the luminaire body using a special procedure. The surface changes in gently merging shades depending on the way the light falls.

GOLD LEAF

Our surfaces with leaf gold beaten metal are created by hand. If you watch the gilders at work, the meaning of the phrase "wafer thin" becomes particularly clear. Since the elegant shimmering surface effect is almost exclusively determined by the underlying layer structure, each work piece is polished and primed by hand first. A final coat of varnish protects the lamp shade and shows off the fascinating shimmer to its best advantage.

SPECIAL MATERIALS

The concrete and stone effects in the lamp shades for the EBBYGO pendant luminaire and wall shades for GRACE UNLIMITED look astonishingly real. They are the result of laborious craftsmanship. To make them, a light, mineral composite material is applied to the lamp shade in multiple layers by hand and artfully polished. Each luminaire is therefore a unique piece with individual an touch.

ALL THE COLOURS IN THE WORLD?

Of course, we can't promise that. On request, though, we are happy to work with your individual colour concept for the lighting solution in your project.

THE LED IS LIKE A RAW DIAMOND. ONLY THROUGH COMBINATION WITH HIGHLY PRECISE LENSES, COORDINATED THERMAL MANAGEMENT AND INTELLIGENT ELECTRONICS DOES IT BECOME A HIGH QUALITY LIGHTING TOOL.





LED – INNOVATIVE TECHNOLOGY, INTELLIGENTLY DESIGNED.

The breakneck pace of progress for LED technology has not let up to date. By now, we can no longer imagine living spaces in a modern design without the use of LEDs. The new image has revolutionised the luminaire market as a result, and makes it necessary for manufacturers and buyers of high quality, innovative luminaires to grapple with this development.

LIGHT COLOUR / COLOUR TEMPERATURE

In LED technology, the colour temperature is just as important as the thematically related white balance in digital photography. Ultimately, the thematic background is identical and can most easily be explained through the observation of nature: the sunlight is influenced by a variety of factors so the eye perceives a significantly warmer shade during a sunset than under the brilliant midday sun.

The colour temperature is measured in kelvin (K) – the higher the value, the colder (more blue) the light is. We therefore talk about warm and cold light. However, what is perceived to be pleasant in nature generally does not meet the needs of the private living area. "Cold" light from approx. 5,400 k is considered to be unpleasant in the living area. On the other hand a "warm" 2,700 – 3,000 k acts as a "feel-good colour temperature". However, there are definitely areas of application, such as in the office or in the food trade, in which completely different colour temperatures are desired or required.

COLOUR REPRODUCTION INDEX

All lamp technologies (e.g. incandescent lamps, fluorescent lamps or halogen lamps) have different qualities with regard to the colour reproduction. This means that colours are not equally easy to recognise with every type of lighting. At 2,700 kelvin, incandescent lamps have a colour reproduction index or colour rendering index (CRI) of 100. High quality LEDS currently achieve values of between 80 and 97 CRI. Depending on the area of application, such as in museums or fashion stores for example, a higher colour reproduction index is absolutely necessary.

TEMPERATURE MANAGEMENT

Contrary to popular belief, temperature plays an exceptionally important role in LEDs. Although they don't get as hot as incandescent lamps, the operating temperature is still crucial for the service life and other qualitative factors of the LED. A high quality LED luminaire therefore has sophisticated temperature management. Extensive testing and development processes are a permanent part of the development service at OLIGO in order to design reliable luminaires. Instead of relying on the massive dimensions of the luminaire body to take care of the necessary temperature regulation, we make use of all of our expertise in order to achieve or exceed comparable light outputs and quality in subtle and delicate sizes.

SERVICE LIFE

Taking optimal temperature management into account, you can assume an average service life of up to 50,000 operating hours for a modern LED. This corresponds to a service life of 17 years with a daily operating period of 8 hours. Because of this, LEDs are often permanently built into the luminaires and do not have a lamp socket which allows the user to change the lamp. Alongside the combination of product design and thermal management in product development, the careful selection of the optimal LED is our commitment to long-lasting and consistent light quality. The same applies for LED lamps which are now available for standard models – so-called LED retrofits.



LED RETROFIT LAMPS REVIEWED IN DETAIL.

The energy-efficient replacement for a conventional lamp is called LED retrofit. This lamp type has gained extensive importance as a result of the ban on incandescent light lamps. Even the classic wall and ceiling luminaires, light objects and pendant luminaires from OLIGO can be fitted with energy-saving retrofits.

QUALITY ALSO COUNTS FOR LAMPS

If you want to convert an existing lighting system to LED retrofits, we recommend using exclusively high quality products from wellknown manufacturers.

There are cheap and often substandard products available on the market which do not allow for objective comparison with branded goods as a result of inadequate or even missing technical information.

For LED retrofits, indications with regard to light colour, service life and replacement capacity should be considered to be average information. Particularly with substandard product quality, the tolerances are often wide apart since comprehensive examination and limitation of the products has been foregone in favour of the price. This can means that one and the same product have different lighting effects which is particularly noticeable when multiple lamps are operated at the same time.

ENERGY EFFICIENCY CLASSES

In order to describe the efficiency of a lamp, there is a simple classification: the more lumen a lamp emits per watt of power, the more efficiently it converts the energy input into visible light.

As for large household appliances, EU 2014 also introduced the energy label as a labelling requirement for lamps. Thereby, lamps can be divided into the different energy classes. Unlike for fridges, for example, there is no class which is more efficient that the efficiency class A++ for lamps. In the discussion of energy efficiency and environmental consciousness, the actual effect of light should not be neglected since the right light has a significant effect on general well-being. Cost awareness for consumption and the desired lighting mood should therefore be evaluated individually and the "right" light should always be understood to be an individual decision. For this reason, objective advice from experts is always recommended before the actual implementation of a lighting solution.

WHAT SHOULD BE CONSIDERED FOR A RETROFIT CONVERSION

- 1. Does the new lamp have the same luminous flux (lumen) and the same beam angle as the model to be replaced?
- 2. Is the new lamp suitable for the existing fitting and for the shape of the luminaire?
- 3. Are the accessory parts suitable for the LED retrofit lamp or might there be temperature problems?
- 4. If the existing luminaires are operated using a dimmer then care should be taken to ensure that the retrofit lamps are also compatible with the dimmer.
- 5. If a conventional low voltage system is being converted then the transformer must be replaced where applicable.
- 6. LED retrofit lamps are almost always designed for "free" installation. An enclosed luminaire housing can significantly reduce the specified service life in most cases.

LESS IS MORE IS NOT ENOUGH.

CONCENTRATION ON WHAT'S IMPORTANT

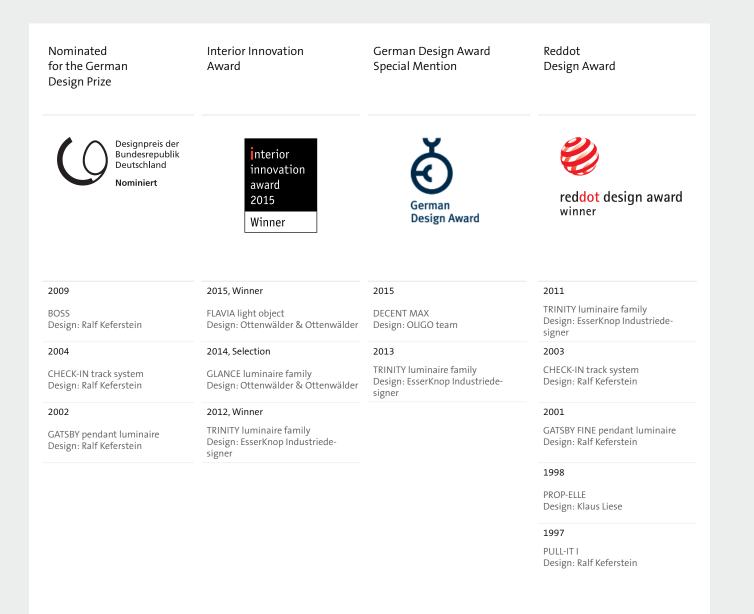
OLIGO comes from the Greek "oligós" and means"less". This central principle of a reduced design vocabulary defines our design attributes.

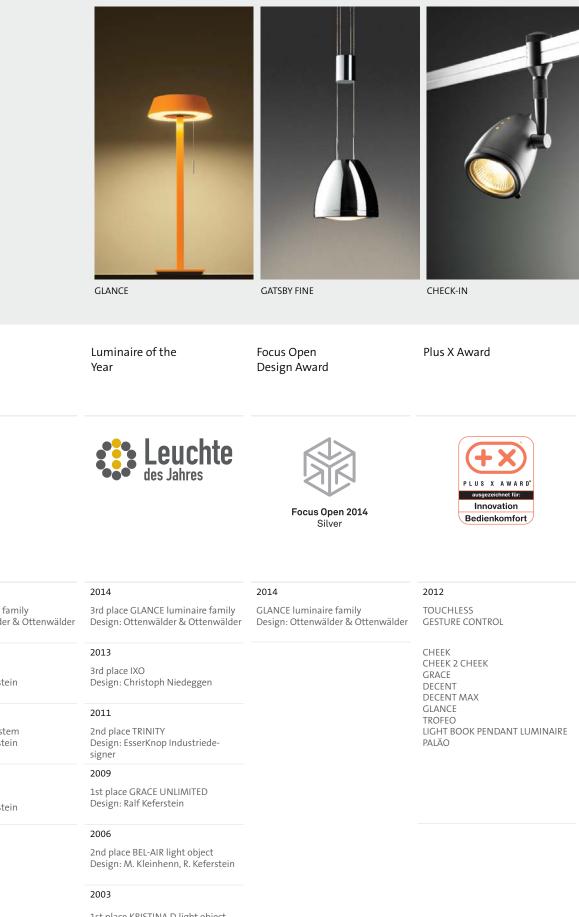
We want to showcase design and light with ease: as a glittering experience or in clear practicality, as bright joy or optical magic.

AWARD-WINNING AGAIN AND AGAIN

Concentration on the essential leads to subtle, compact luminaires with impressive light output and lighting technology full of finesse.

The result of the creative work of the OLIGO team, as well as the collaboration with well-known design studios, are lighting technology masterpieces which win recognition again and again.





iF Product Design Award



2014

2014

GLANCE luminaire family Design: Ottenwälder & Ottenwälder

2008

BOSS Design: Ralf Keferstein

2004

CHECK-IN track system Design: Ralf Keferstein

1998

PULL-IT I Design: Ralf Keferstein

> 1st place KRISTINA D light object. Design: Antonius Quodt

ELEGANT LIGHTSTYLE NEW PRODUCTS 2016 | 2017

Innovative designs, long service life and intuitive options for light control make LED luminaires an efficient and creative highlight in living space and property. Let our lighting ideas inspire you.







GRACE Best-seller up to date

Designed in 2001, the GRACE luminaire family has blossomed into a design bestseller. Alongside its timeless design, the reason for this is the regular adaptation to contemporary lighting technology. In 2016, the whole luminaire family now presents itself with intuitive controllable LED lighting technology and in four new shades.

The wall luminaires in the family are available either with a manual step dimmer or with DALI option, while the floor and pendant luminaires are equipped with touchless gesture control. A newly developed, elegant canopy with adjustment options also facilitates the multiple installation of 2 and 3 tier pendant luminaires in series.

MoreaboutGRACE from page 58/149/217.

KELVEEN Perfectly directed reading light

The newly developed LED table and floor luminaires for the office area are lighting technology powerhouses with a modern look. Equipped with the latest generation of optical components, they create a perfectly directed working and reading light.

Distinctive in design, outstanding in their light quality and high-end in their construction, KELVEEN table and floor luminaires are an obvious must-have for anyone who is looking for a fresh statement on the desk.

The range is available in the colours matt graphite, matt white and matt black and with light colours of between 2700 and 3000 k.

More about KELVEEN from page 213.

TUDOR Light in top form

TUDOR is an LED luminaire family in top form with many variants. Three shade heights and five colours offer plenty of design freedom for creative light planning and allow for variable interplay loosely based on Shakespeare's "As You Like It!".

TUDOR pendant luminaires are equipped with two LED segments. They generate focused light on the table top and, at the same time, indirect light in the room. An integrated touch dimmer allows for convenient switching and dimming.

TUDOR wall luminaires have a switchable uplight and downlight function with manual step dimmer or as a DALI-compatible variant.

More about TUDOR from page 53 / 55 / 101 / 137.







RIO Purist in seven trendy colours

Minimalist form and elegant shimmering metal surfaces are very popular with furnishers. In the right amount, they provide a fine lustre in living space and property.

OLIGO has picked up on this desire for minimalism and high value and, with the RIO luminaire range, presents a minimalist pendant luminaire with a manually refined perfect Soft Touch surface. It is applied to the luminaire body using a special procedure and shimmers depending on the incidence of light in softly fading shades.

More about RIO from page 131.

MULTIPLE PENDANT with adjustable canopy

A newly developed canopy with adjustment options allows for the convenient installation of 2 and 3 tier pendants for the RIO, DECENT and BALINO LED luminaires.

Three installation points for each pendant allow for variable distances between the luminaires for single pendants.

The length of the pendant can also be adjusted by up to 15 centimetres during installation without having to shorten the cable.

The elegant canopy is available in brushed aluminium, chrome and matt white models.

More about RIO from page 131, DECENT from page 145 and BALINO from page 161.

KUULA Nordic by design

Thonet's residential and living environment is now perfectly complemented by the new KUULA ball luminaire. Together with the furniture manufacturer from Frankenberg, OLIGO presents a luminaire which is characterised by an elegant and minimalistic design.

The ball-shaped, hand-blown glass head on the graceful aluminium base is reminiscent of northern European windowsill luminaires and at the same time emits an aura of timeless Bauhaus design. The KUULA table luminaire is equipped with state-of-the-art technology: with a considerable luminous flux of 1,000 lumen, the energy-efficient LED ensures pleasant room lighting. With the light stick attached to the base, the luminaire can be switched and dimmed playfully.

More about KUULA from page 229.



WALL AND CEILING LUMINAIRES SUBTLE AND EFFECTIVE.

Wall luminaires are subtle design elements which nevertheless define the space. With their light, rooms can be divided into zones and architectural qualities can be emphasised. Early planning of the power distribution and the use of space is therefore essential and is recommended for new builds and renovations alike. The right balance between room size and light output should also be taken into account during planning.

Used in the right place, wall luminaires with directed beams can structure hallways and effectively draw attention to pictures. Extensive options for switching and dimming OLIGO wall luminaires

offer plenty of design flexibility for handling light and lighting effects creatively.

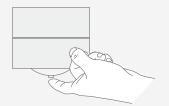
Ceiling luminaires are particularly suitable for hallways, bathrooms or bedrooms. They need a reflection surface in the form of a wall or ceiling and thus ensure perfectly diffused room lighting.

If the power distribution cannot be influenced during planning then track and wire systems from OLIGO are an excellent alternative. With their help, it is possible to design concepts for decentralised lighting in almost any form.

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WALL AND CEILING LUMINAIRES LIGHTING CONTROL AND DIMMING

Energy efficiency, maximum flexibility, no visible cables as far as possible and intelligent sensor technology characterises modern lighting in living space and property. Wall and ceiling luminaires from OLIGO can be intuitively switched and dimmed in a wide variety of ways.





SEQUENTIAL STEP DIMMER

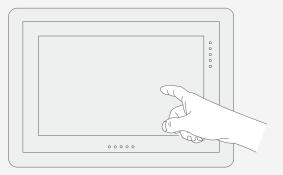
The GRACE, TUDOR and MAVEN LED wall luminaires are equipped with a pre-set step dimmer for convenient, manual setting of the lighting effect from multiple luminaires in series. It covers eight application optimised light scenes with double symmetrical or asymmetrical lighting effect.

Thus, appealing light scenes can conveniently be set up on the luminaires. For operation in public spaces, the luminaires can be blocked against alteration.



A subtle button, skilfully integrated into the lighting design, serves as a functional control element. Mounted in a readily accessible position and easy to operate, dimmer buttons allow for continuous dimming and switching of the luminaires.

A short press of the button turns the luminaires on and off. If you hold the dimmer button pressed for a longer time, the luminaires dim continuously up and down. The integrated memory function recalls the last selected dimming level when the luminaires are turned on.





DIGITAL LIGHTING CONTROL

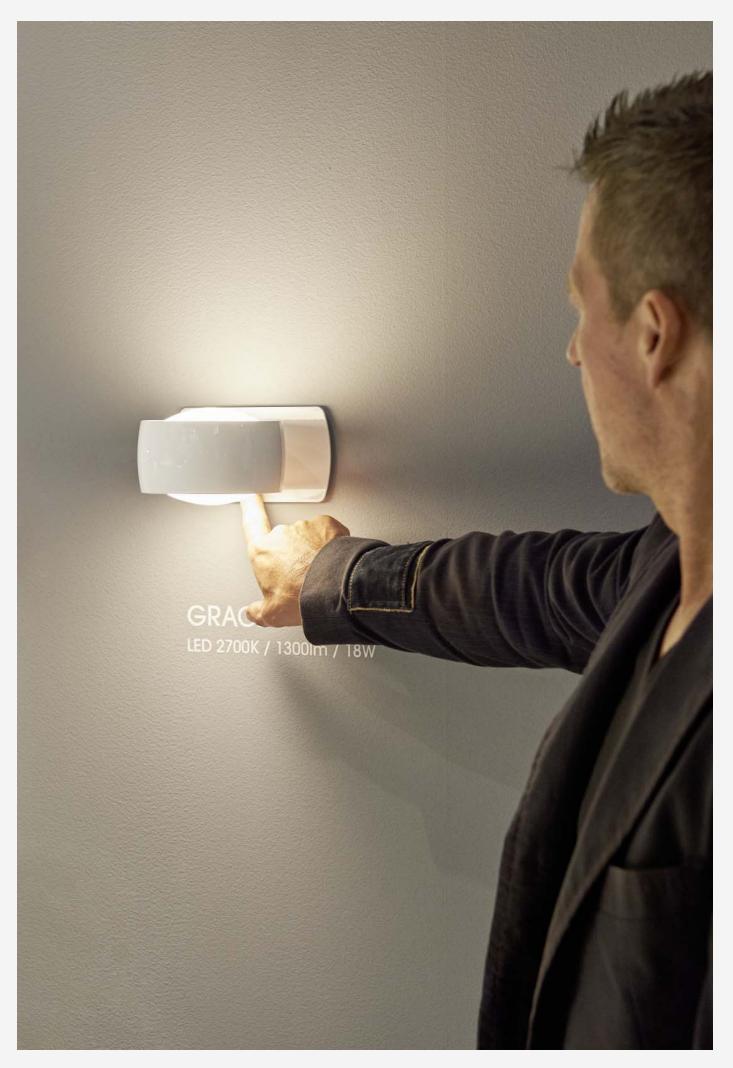
The DALI-compatible MAVEN, TUDOR and GRACE LED luminaires can be integrated into automated lighting control systems. Uplights and downlights can each be controlled via their own channel. This allows for the configuration of complex lighting moods for larger commercial applications, or stand-alone systems for smaller installations.

The dimming actuators in DALI-compatible luminaires support the DALI 2 standard and benefit from this expanded functional scope.

EXTERNAL WALL DIMMER

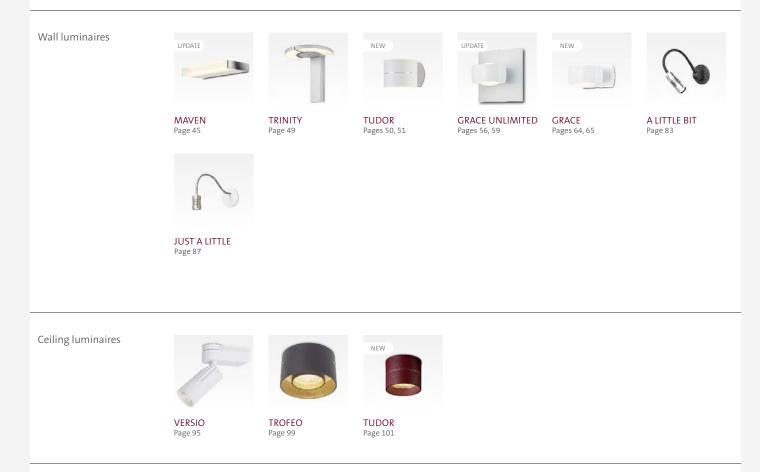
Depending on the type of lamps, wall and ceiling luminaires with conventional lighting technology can be dimmed using a wide variety of dimmer types. According to the lamp type used, the dimmer must be set to phase cut-on or phase cut-off.

Most of the LED retrofit lamps on the market use a compact switching power supply to be operated directly on a 230 V grid. A majority of these lamps are designed for dimming by phase cut-on or phase cut-off and can therefore be used with most conventional dimmers. These lamps are marked with the inscription "dimmable".



WALL AND CEILING LUMINAIRES OVERVIEW

LED LUMINAIRES

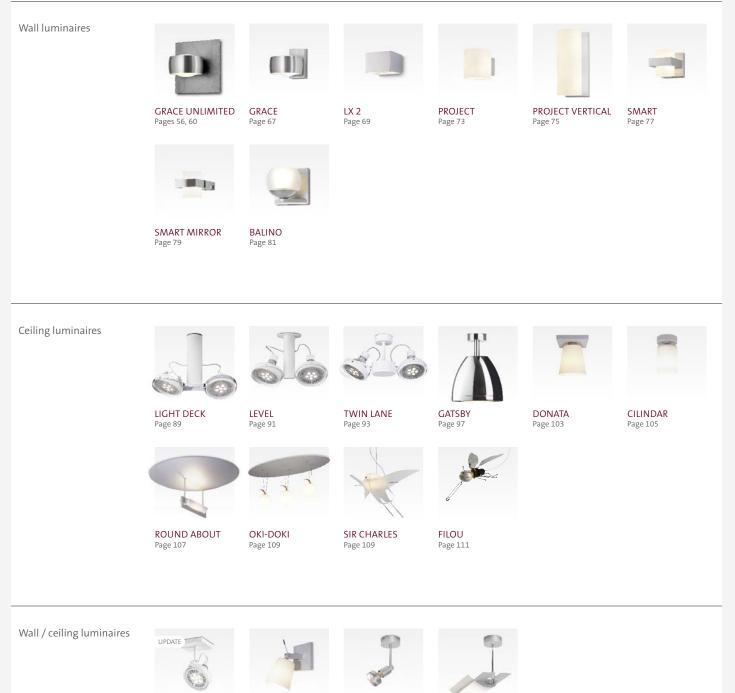


Wall / ceiling luminaires



KELVEEN Page 113

LUMINAIRES WITH CONVENTIONAL FITTINGS



ICE Page 117

GATE B FOUR Page 119

GATE B SEVEN Page 121

HIGH FLIGHT Page 121



MAVEN S

PRODUCT

MAVEN S / button

Туре	lm	К	W	Framing colour	Body colour	Item number
LED	840	2700	9.6	Matt chrome	Matt chrome	40-874-42-06
				Graphite	Graphite	40-874-43-11
				Chrome	Matt white	40-874-41-21
				Matt white	Matt white	40-874-40-21
				Chrome	Matt black	40-874-41-23
LED	840	3000	9.6	Matt chrome	Matt chrome	40-874-12-06
				Graphite	Graphite	40-874-13-11
				Chrome	Matt white	40-874-11-21
				Matt white	Matt white	40-874-10-21
				Chrome	Matt black	40-874-11-23

PRODUCT

MAVEN M / button

Туре	Im	К	W	Framing colour	Body colour	Item number
LED	1700	2700	19.2	Matt chrome	Matt chrome	40-874-52-06
				Graphite	Graphite	40-874-53-11
				Chrome	Matt white	40-874-51-21
				Matt white	Matt white	40-874-50-21
				Chrome	Matt black	40-874-51-23
LED	1700	3000	19.2	Matt chrome	Matt chrome	40-874-22-06
				Graphite	Graphite	40-874-23-11
				Chrome	Matt white	40-874-21-21
				Matt white	Matt white	40-874-20-21
				Chrome	Matt black	40-874-21-23

COLOURS







Matt white / Matt white

PRODUCT MAVEN M / DALI

Туре	lm	к	W	Please always prefix the item number with a "D"
LED	1700	2700	19.2	E.g.: Matt chrome / Matt chrome D40-874-52-06 *
LED	1700	3000	19.2	E.g.: Matt chrome / Matt chrome D40-874-22-06 *

MAVEN

The MAVEN LED wall luminaires range offers elegant, puristic styling with extensive functionality. Two 24 Volt LED modules generate an exceptionally homogeneous light distribution on both sides and can be switched between eight different operating modes using an integrated button. These include both a four-step dimmer and a differentiated brightness control between uplight and downlight function.

MAVEN is also available as a 2-channel DALI variant for the design of complex lighting moods. MAVEN is available in three different sizes. The light output is oriented towards sophisticated object lighting and modern home lighting.

Design: OLIGO



PRODUCT

MAVEN L / button

Туре	lm	К	W	Framing colour	Body colour	Item number
LED	2500	2700	28.8	Matt chrome	Matt chrome	40-874-62-06
				Graphite	Graphite	40-874-63-11
				Chrome	Matt white	40-874-61-21
				Matt white	Matt white	40-874-60-21
				Chrome	Matt black	40-874-61-23
LED	2500	3000	28.8	Matt chrome	Matt chrome	40-874-32-06
				Graphite	Graphite	40-874-33-11
				Chrome	Matt white	40-874-31-21
				Matt white	Matt white	40-874-30-21
				Chrome	Matt black	40-874-31-23

PRODUCT

MAVEN L / DALI

Туре	Im	К	W	Please always prefix the item number with a "D"
LED	2500	2700	28.8	E.g.: Matt chrome / Matt chrome D40-874-52-06 *
LED	2500	3000	28.8	E.g.: Matt chrome / Matt chrome D40-874-22-06 *

FEATURES

Wall luminaire

Uplight / downlight Length: 165, 290 or 415 mm Protection class 1

Lighting control and dimming

Variable light distribution (8 modes) or 2-channel DALI

Output data

100-240 V / 50-60 Hz / 24 V DC / LED / 2700 or 3000 K / CRI >80 MAVEN S: 840 lm / 9.6 W MAVEN M: 1700 lm / 19.2 W MAVEN L: 2500 lm / 28.8 W Energy efficiency class: A+

Material Metal

Weight 1 / 2 / 3 kg

TECHNICAL INFORMATION

MAVEN S

• 165 •

MAVEN M

• 290 • 35 x 130

MAVEN L

415 • 35 x 130

Light distribution See page 258

MAVEN Manual brightness control with pre-configured dimming levels

CONVENIENT SWITCHING

A subtle button on the upper side if the luminaire allows you to conveniently adjust the dimming levels. These can be called up in sequence.

When the supply voltage is switched on, the luminaire automatically switches to the last selected operating mode.

The selected mode can be blocked against unwanted alteration through a locking mechanism on the luminaire.





Light distribution top 100% bottom 100%



Light distribution top 80 % bottom 80 %



Light distribution top 40 % bottom 40 %



Light distribution top 20 % bottom 20 %



binning.



Uplight function 100% light output upwards



Light distribution top 80 % bottom 40 %



Light distribution top 40 % bottom 80 %



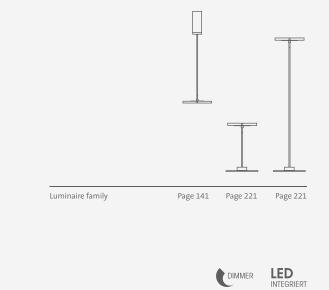
Downlight function 100% light output downwards



TRINITY

The head of the TRINITY LED wall luminaire comprises two segments which can be rotated separately from one another. Each segment can be separately and continuously adjusted from uplight to downlight. The wall luminaire can be switched and dimmed using a button on the underside of the head. The TRINITY LED luminaire family has been awarded multiple design prizes and also includes floor luminaires, table luminaires and pendant luminaires.

Design: EsserKnop Industriedesigner



TECHNICAL INFORMATION

250

•65•

Light distribution

See page 258

255

220



FEATURES

Wall luminaire Light segments can be rotated through 320° independently from one another Protection class 1

Lighting control and dimming Integrated dimmer switch Memory function

Output data

100-240 V / 50-60 Hz / 24 V DC / LED / 2700 K / 1300 lm / 18 W / CRI >80 Energy efficiency class: A+

Material Metal, acrylic glass

Weight 2.0 kg

COLOURS





Matt chrome

Graphite

PRODUCT

Туре	Im	К	W	Body colour	Item number
LED	1300	2700	18	Matt chrome	40-896-10-06
				Graphite	40-896-10-11

TUDOR

The TUDOR family includes ceiling, wall and pendant luminaires and thus offers an energy efficient and consistently designed solution for all lighting requirements in the modern home and business environment.

With a luminous flux or 1500 lumen and a warm white light tone of 2700 K, TUDOR luminaires offer cosy brightness with a power consumption of 18 watts. For appropriate staging of wall surfaces and hallways, TUDOR wall luminaires have a switchable uplight and downlight function. Two LED modules generate a homogeneous cone of light on both sides on the wall. The integrated step dimmer offers a wide variety of options for sophisticated accent lighting with eight different dimming levels.

The wall and ceiling luminaires are also available with an interface for control via DALI for planing in the building.

DALL

Design: OLIGO



TECHNICAL INFORMATION

95

Surface mounted

Light distribution

See page 258

DIMMER

Ø 120

170

LED

Ø 100

FEATURES

Wall luminaire Uplight / downlight Protection class 1

Lighting control and dimming Variable light distribution (8 modes) or 2-channel DALI

Output data 100-240 V / 50-60 Hz / 24 V DC / 2700 K / 1500 Im / 18 W / CRI >80 Energy efficiency class: A+

Material Metal

Weight 1.2 kg

COLOURS



TUDOR surface mounted / DALI

ĸ

2700

Matt grey

Im

1500

PRODUCT

Type

LED

/ Matt black Gold leaf

w

18

ack/

Matt red

Please always prefix the item number with a "D"

Example: Matt white

Chamana

Champagne

PRODUCT

TUDOR surface mounted / button

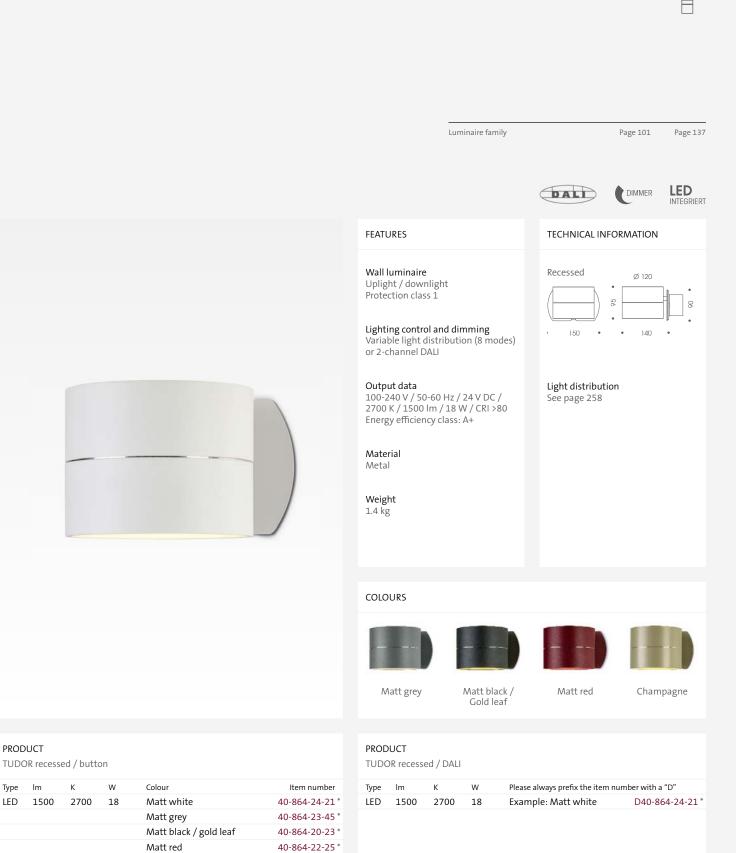
Type Im K W Colour	Item number
LED 1500 2700 18 Matt white	40-864-14-21*
Matt grey	40-864-13-45 *
Matt black / gold lea	f 40-864-10-23 *
Matt red	40-864-12-25 *
Champagne	40-864-15-42 *

* New in the range

* New in the range

D40-864-14-21*

Ę.



Туре

LED

40-864-25-42*

Champagne

TUDOR Versatile light characteristics



TUDOR

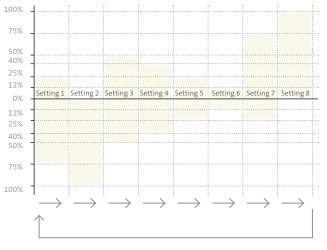
LIGHT MODULATION OPTIONS

TUDOR wall luminaires are equipped with two separately controllable LED modules for appropriate staging of walls and hallways. They generate a homogeneous cone of light with a light scene that tapers off softly on both sides.

The wall luminaires are equipped with a pre-set step dimmer for quick, manual setting of the lighting effect from multiple luminaires in series. It covers eight application optimised light scenes with double symmetrical or asymmetrical lighting effect. As an alternative to a luminaire design with a button, the luminaires can be controlled via DALI. Uplights and downlights can each be controlled via their own channel. This allows for the configuration of complex lighting moods for large commercial applications.

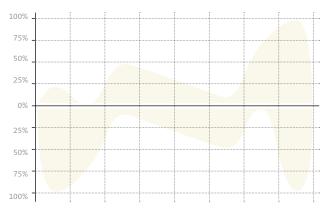


LIGHTING CONTROL WITH STEP DIMMER



Eight application optimised lighting moods are stored and can be called up one after another via a button.

DIGITAL LIGHTING CONTROL



Example of different light characteristics. Both channels can be adjusted continuously and independently from one another.

GRACE UNLIMITED





GRACE UNLIMITED

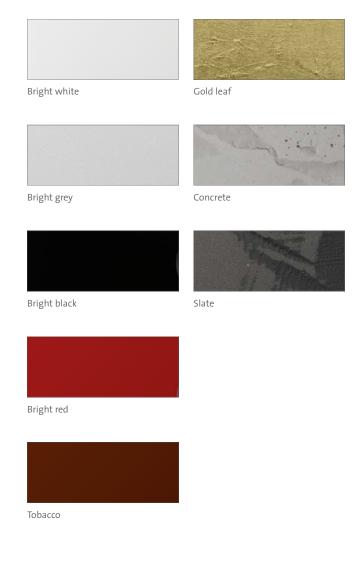
Three base elements with different lighting technology are available for the GRACE UNLIMITED modular wall luminaires. The luminaire is available with conventional lighting technology as a low voltage or high voltage halogen luminaire and is also available as an LED version. With its wide variety of variants, it is suitable for use at home as well as for challenging lighting concepts in property. Very much in line with a modular principle, there are more than seventy combinations to choose from for the colour and surface design. Glass panels and luminaire heads in classic surface designs as well as matt shimmering soft touch surfaces for the LED version can be combined in any way you wish. A variety of glass shades and optional light formers are available for designing the desired light effect, depending on the output data used.



REAL GLASS PANELS

Real glass panels with Facett polish are available in five colours for the configuration of GRACE UNLIMITED. In addition, hand-finished décor panels complement the range.

The astonishingly genuine concrete and slate looks are the result of multiple production steps. To make them, a light, mineral composite material is applied in multiple layers by hand and is then artfully polished. The variant with gold leaf look in beaten metal is likewise finished by hand in multiple production steps.



The sum of the individual combination options gives each luminaire a unique character and predestines them for every application in private and commercial spaces with challenging designs.

Design: Ralf Keferstein





LUMINAIRE HEADS

The two lenticular, satin finished shades are surrounded by a luminaire head made from solid aluminium. You can choose from a variety of timeless decorations in matt or gloss look.

Luminaire heads with the newly developed soft touch surface are also available for the LED model. The matt shimmering surface finish is applied to the luminaire body in a 4-stage laser procedure. The surface changes in gently merging shades depending on the way the light falls.



Bright white

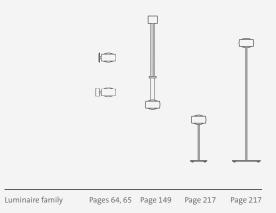


GRACE UNLIMITED

The LED variant of GRACE UNLIMITED can be combined in eight different glass panels and nine different heads.

The model with a button allows for eight different light characteristics: four dimming levels and four additional settings, each with a different uplight and downlight light effect, are pre-configured in the factory and can be called up simply by switching the luminaire in succession.

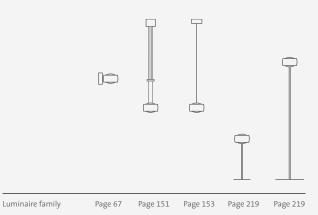
The DALI model has a two-channel design: the upper and lower light outputs can thus be controlled either together or separately from one another.



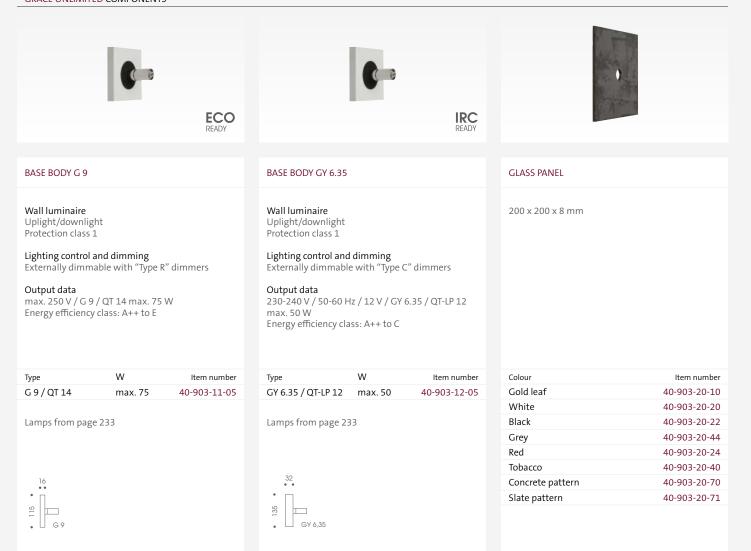
GRACE UNLIM	ITED COMPONENTS					DAL	DIMMER LED INTEGRIERT
	6						
LED BASE BOD	Y	GLASS PANEL		LED HEAD		GLASS SHADE	
	nlight is 3 D I and dimming distribution (8 modes) JALI	200 x 200 x 8 mm		Ø 130 mm Output data 230-240 V / 50 Hz / 2700 K / 1300 lm / / Energy efficiency cla	18 W / CRI >80	Always order 1x for output and 1x for output	or the upper light the lower light
	ltem number	Colour	ltem number	Colour	Item number	Туре	ltem number
Type LED	40-903-14-05 *	Gold leaf	40-903-20-10	Chrome	40-903-32-05	Satin finish	94-931-10-03
	+0 505 1+ 05	White	40-903-20-20	Matt chrome	40-903-32-06		5.552 20 05
		Black	40-903-20-22	Matt gold	40-903-32-09		
DALI		Grey	40-903-20-44	Brushed aluminium	40-903-32-12		
Туре	Item number	Red	40-903-20-24	Bright white	40-903-32-20		
LED	D40-903-14-05*	Tobacco	40-903-20-40	Satin copper	40-903-32-15 *		
		Concrete pattern	40-903-20-70	Brazilian brown	40-903-32-41 *		
		Slate pattern	40-903-20-71	Espresso	40-903-32-48 *		
32 ••• 92 • LED				Purple grey DALI Please always prefix the Example: Chrome	40-903-32-49 * ; item no. with a "D" D40-903-32-05 *	* 140 * 80 * 80 * 80 * 9130	Weight 2.4 kg
	* New in the range				* New in the range		
oligo							59

GRACE UNLIMITED Halogen

The halogen variant of GRACE UNLIMITED is made up of five freely combinable elements: Base, glass panel and head as well as upper and lower glass shade. A variety of light formers can optionally be used between the head and the glass shade.



GRACE UNLIMITED COMPONENTS



Upper light output: Glass shade, satin finish



Lower light output: Glass shade, satin finish

Upper light output: Glass shade, partial satin finish



Lower light output: Glass shade, partial satin finish

Upper light output: Glass shade, transparent / light former, single



Lower light output: Glass shade, transparent / light former, double

GRACE UNLIMITED COMPONENTS





Colour

Chrome

Matt chrome

Bright white

Brushed aluminium

Matt gold

Ø130 mm

Not compatible with the LED version

LIGHT FORMER

Optional accessory Combination with transparent glass shade recommended

Not compatible with the LED version

Order 1x for the upper light output and / or 1x for the lower light output

Single light output

Colour	Item number
Chrome	40-903-40-05

Double light output

Item number 40-903-31-05

40-903-31-06

40-903-31-09

40-903-31-12

40-903-31-20

	•	•	
Colour			Item number
Chrome			40-903-41-05

-	
Туре	Item number
Transparent	94-931-10-01
Partial satin finish	94-931-10-02

Order 1x for the upper light output and 1x for the

ish	94-931-10-02
	94-931-10-03



Satin finish

GLASS SHADE

lower light output

Weight G 9: 1.9 kg GY 6.35: 2.4 kg

GRACE





GRACE LED

Since its appearance, the GRACE luminaire family has become a classic. The luminaire family now presents itself complete with LED lighting technology. The wall luminaire model is superbly suited for setting the scene in hallways or alcoves. The two lenticular, partial satin finished shades are surrounded by a luminaire head and ensure effective, glare-free illumination.

GRACE LED wall luminaires are optionally available with a manual step dimmer or with a DALI option. Alongside pendant luminaires, the luminaire family also includes table luminaires and floor luminaires.

Design: Ralf Keferstein Wall mounting redesign: OLIGO



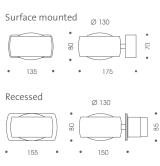
Wall luminaire Uplight / downlight Protection class 1

Lighting control and dimming Variable light distribution (8 modes) or 2-channel DALI

Output data 100-240 V / 50-60 Hz / 24 V DC / 2700 K / 1300 lm / 18 W / CRI >80 Energy efficiency class: A+

Material Metal

Weight 1.1 kg



Recessed model installation Junction box (Ø 68 x 61 mm) required on site

Light distribution See page 258





Surface mounted / Surface mounted / Surface mounted / Brushed aluminium Chrome

Bright white

COLOURS

Recessed /

Chrome

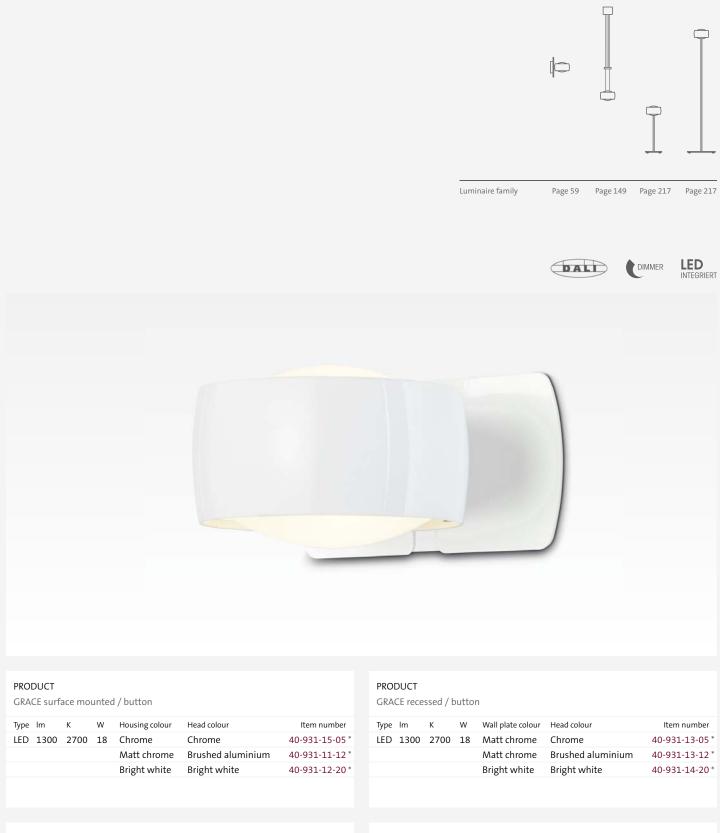
GRACE surface mounted / DALI





Recessed / Brushed aluminium

Recessed / . Bright white



PRODUCT

GRACE surface mounted / DALI

 Type
 Im
 K
 W
 Please always prefix the item number with a "D"

 LED
 1300
 2700
 18
 Example: Head colour chrome
 D40-931-15-05 *

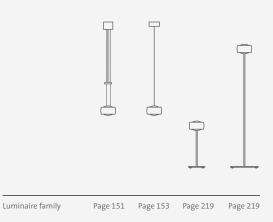
PRODUCT GRACE recessed / DALI								
Type Im	К	W	Please always prefix the item number wit	th a "D"				
LED 1300	2700	18	Example: Head colour chrome	D40-931-13-05 *				



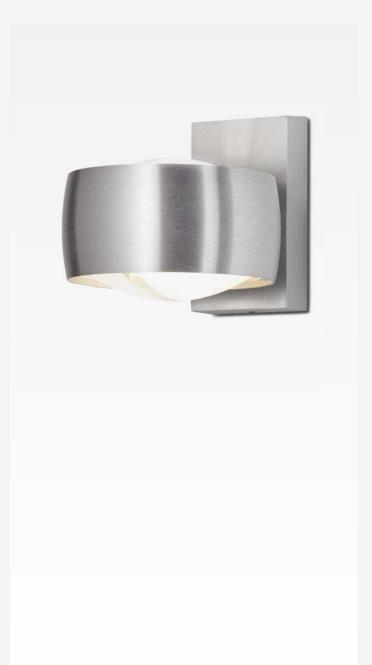
GRACE Halogen

Timeless GRACE numbers among the classics of decorative luminaires worldwide. The wall luminaire model is superbly suited for setting the scene in hallways or alcoves. The two lenticular, partial satin finished shades are surrounded by a luminaire head made from brushed aluminium and ensure effective, glare-free illumination. Alongside pendant luminaires, the luminaire family also includes table luminaires and floor luminaires.

Design: Ralf Keferstein



ECO READY



FEATURES

Wall luminaire Uplight/downlight Toolless lamp change Protection class 1

Lighting control and dimming Externally dimmable with "Type R" dimmers

Output data 230 V / G 9 / QT 14 max. 75 W Energy efficiency class: A++ to E

Material Metal, glass

Weight 0.8 kg

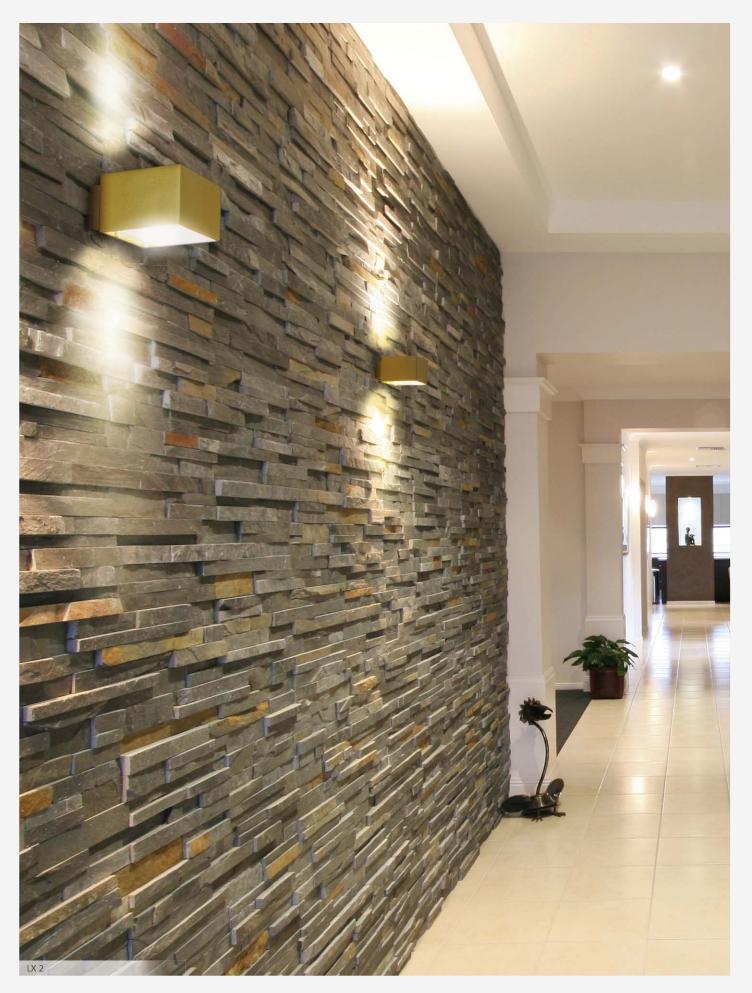
TECHNICAL INFORMATION



Light distribution See page 258

PRODUCT

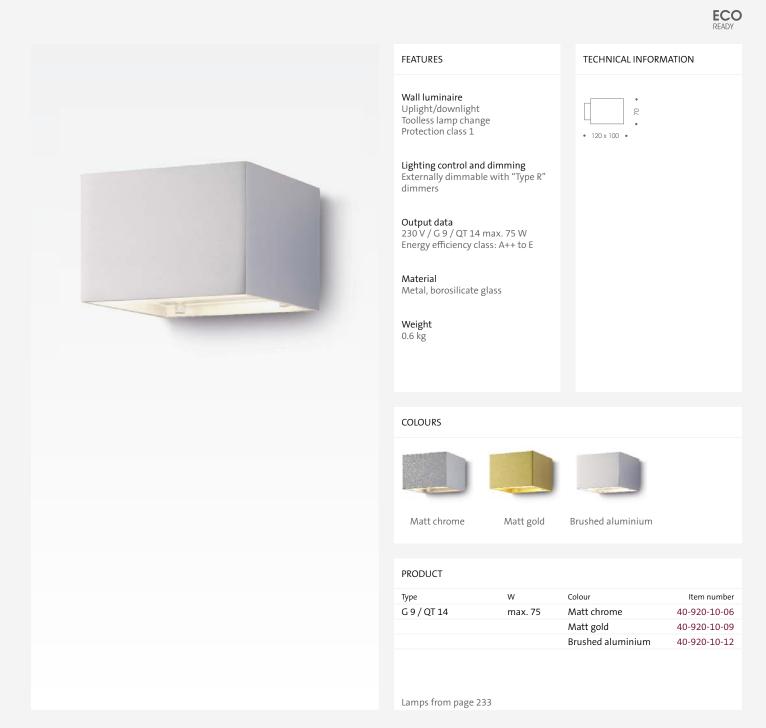
Туре	W	Shade colour	Item number
G 9 / QT 14	max. 75	Brushed aluminium	40-931-10-12



LX 2

LX 2 is a cuboid luminaire with an elegant and minimalist design. The luminaire head is covered on both sides with a satin finished glass pane which emits soft light directed upwards and downwards in equal parts. With the help of this classic wall luminaire, you can optically structure walls and showcase wall coverings.

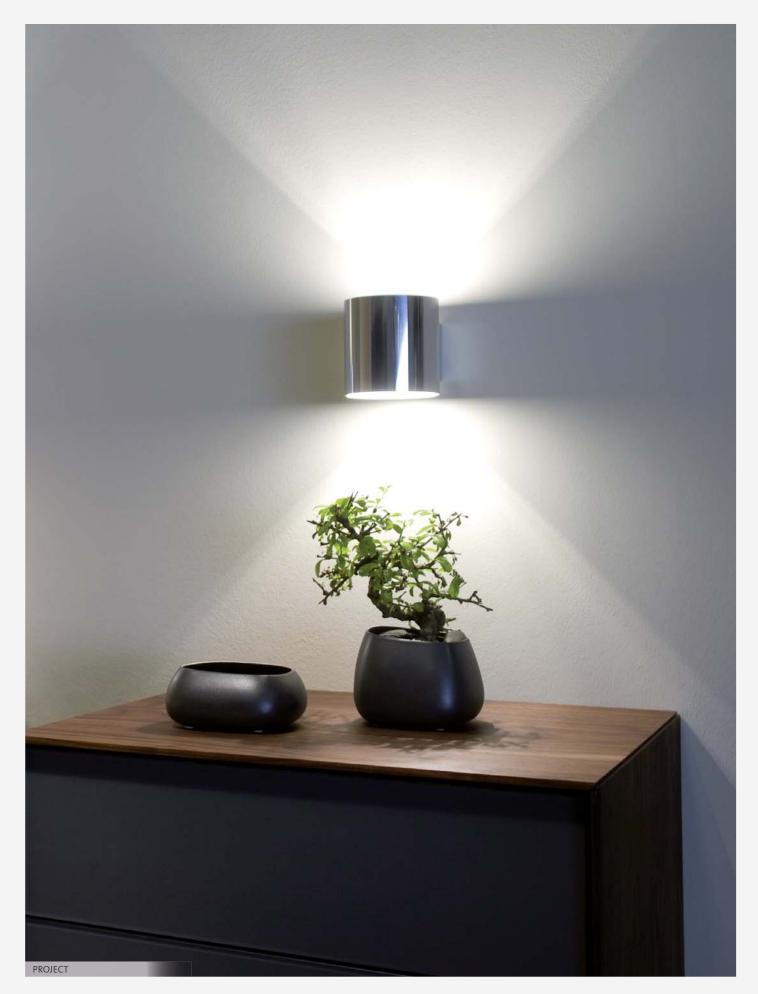
Design: Ralf Keferstein



PROJECT





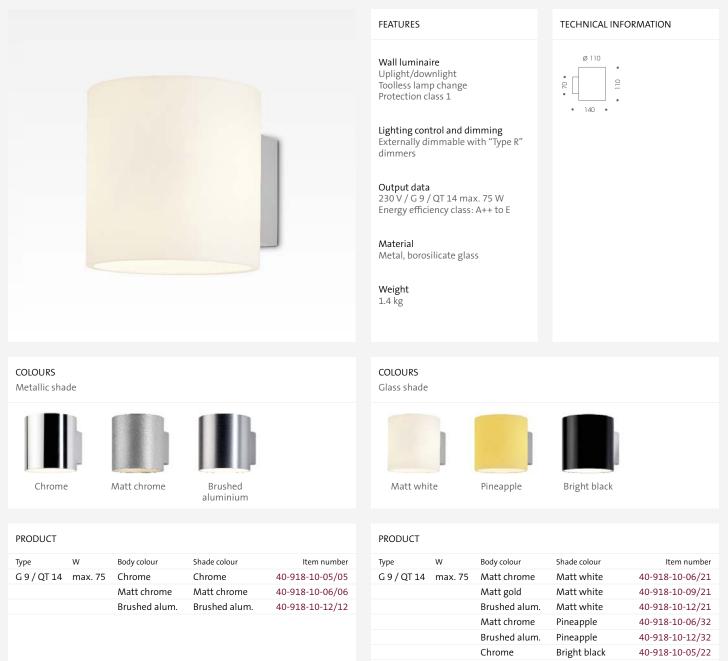


ECO

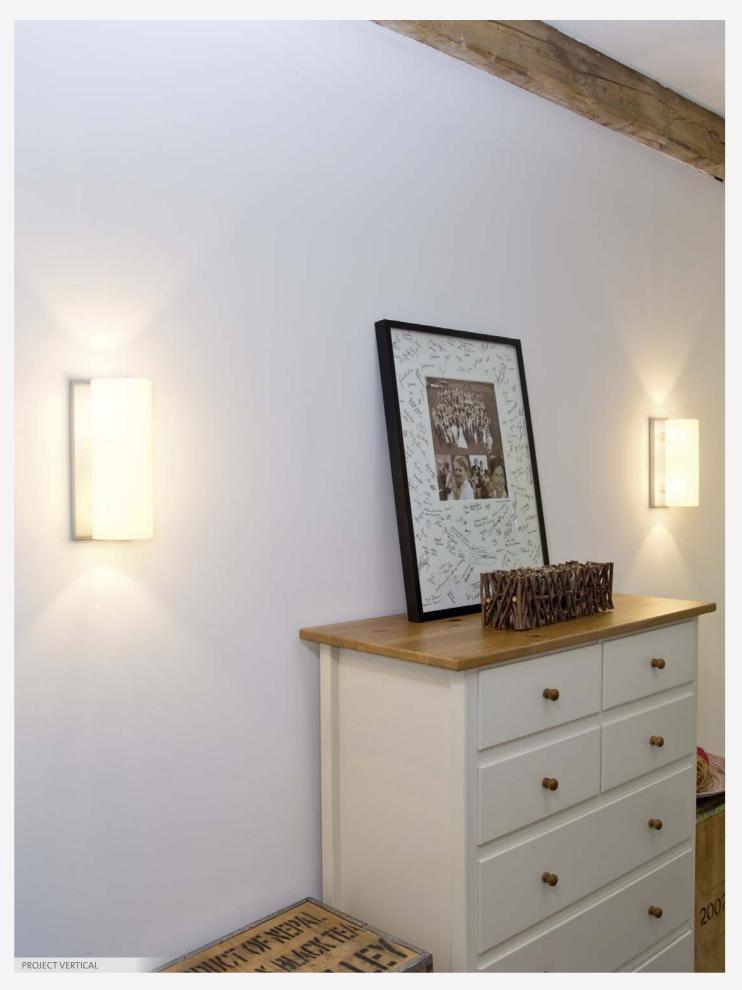
PROJECT

The even light output in the form of a conical beam of light on both sides characterises the PROJECT wall luminaire. The designs with a metallic or bright black lampshade create a reflection on the wall and thus – without dazzling – provide a modern and refined ambiance. The satin finished glass shades in white or pineapple colour options generate a diffuse, softer light scene.

Design: Ralf Keferstein



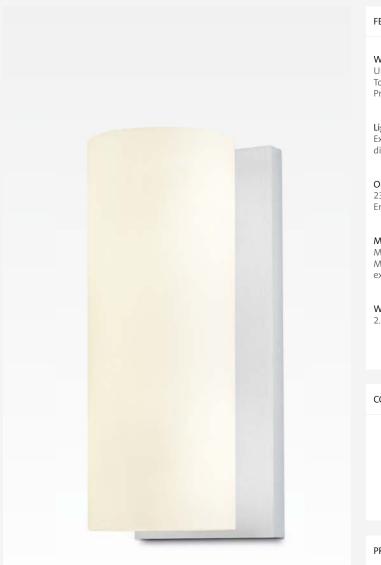
Lamps from page 233



PROJECT VERTICAL

The PROJECT VERTICAL wall luminaire is particularly suitable for installation in hallways, stairwells and other generously dimensioned living areas. Two lamps located in a glass cylinder ensure the necessary light intensity. They illuminate the glass shade evenly and provide a decorative light scene on the wall, ceiling and floor.

Design: Ralf Keferstein



FEATURES

Wall luminaire Uplight/downlight Toolless lamp change Protection class 1

Lighting control and dimming Externally dimmable with "Type R" dimmers

Output data 230 V / G 9 / 2x QT 14 max. 75 W Energy efficiency class: A++ to E

Material Metal, borosilicate glass Matt white interior, satin finished exterior

Weight 2.0 kg

COLOURS



Matt white

Pineapple

PRODUCT

Туре	W	Body colour	Shade colour	Item number
G 9 /	max. 75	Brushed alum.	Matt white	40-918-30-12/21
2x QT 14		Brushed alum.	Pineapple	40-918-30-12/32

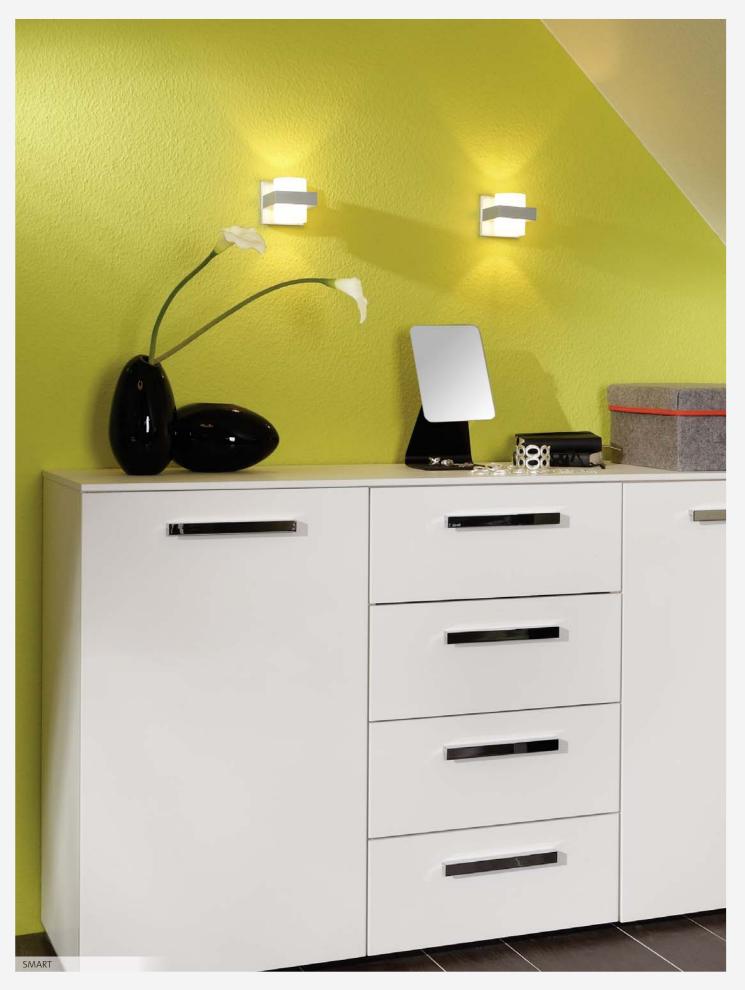
Lamps from page 233

ECO READY

TECHNICAL INFORMATION

000

300 x 120



ECO READY

SMART

A slender body made from solid, brushed aluminium surrounds the satin finished glass tube of the SMART wall luminaire and gives it a high quality, timeless appearance. The glass cylinder in white and champagne colour options emits the light upwards and downwards in equal parts and forms a symmetrical light scene on the wall. The graceful wall luminaire can be fitted with energy efficient high voltage lamps.

Design: Ralf Keferstein



FEATURES

Wall luminaire Uplight/downlight Protection class 1

Lighting control and dimming Externally dimmable with "Type R" dimmers

Output data 230 V / G 9 / QT 14 max. 60 W Energy efficiency class: A++ to E

Material Metal, glass

Weight 0.6 kg

TECHNICAL INFORMATION

• 95 •

COLOURS



Brushed aluminium /Brushed aluminium / Matt white Champagne

PRODUCT

Туре	W	Body colour	Shade colour	Item number
G 9 / QT 14	max. 60	Brushed alum.	Matt white	40-908-10-12/21
		Brushed alum.	Champagne	40-908-10-12/42



SMART MIRROR

The SMART MIRROR mirror luminaire can be attached to an existing mirror or mounted on the wall as the upper mirror mount. A square, gleaming chrome body surrounds the circular, satin finished glass tube. It is available in the matt white and champagne colour options. The light is emitted downwards onto the surface of the mirror and at the same time shines subtly upward.

Design: Ralf Keferstein

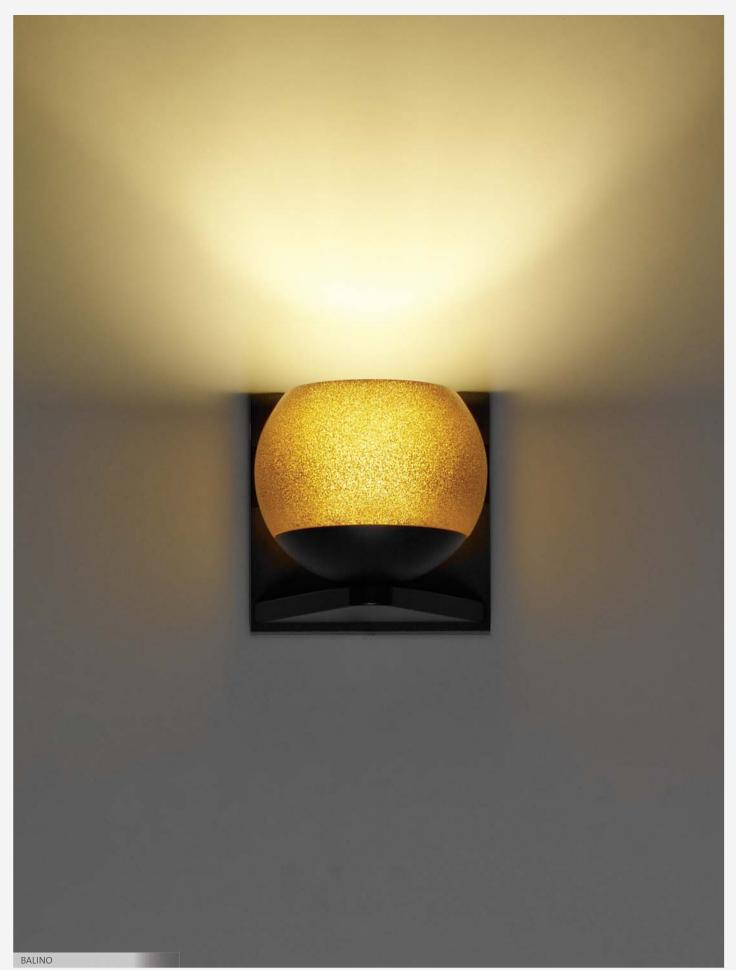


Lamps from page 233

79

FEATURES		TECHNICAL INFORMATION			
Mirror luminaire Uplight/downlight Protection class 1 Optional mirror mount Lighting control and dimming Externally dimmable with "Type R" dimmers Output data 230 V / G 9 / QT 14 max. 60 W Energy efficiency class: A++ to E Material Metal, glass		Luminaire $\emptyset \stackrel{60}{\leftarrow}$ \vdots \vdots \vdots Weight 0.5 kg Lower mirror mount \vdots \vdots \vdots \vdots \vdots \vdots \vdots \vdots			
MOUNTING OPTION	IS				
Suitable for mirrors	with a thickness of 4-	6 mm.			
×6.5	Option 1: Luminaire mounted on mirror.				
	Option 2: Luminaire use as up To be combined wit	oper mirror mount. h lower mirror mount a	ccessory.		
COLOURS AND ACCESSORIES					
Matt white	Champagne	Mirror mount			
PRODUCT					
Туре		Colour	Item number		
Lower mirror mount	: (1 pair)	Chrome	62-141-10-05		

ECO READY



BALINO

Hand-blown crystal glass forms the luminaire body of the spherical BALINO wall luminaire. In the bright white, satin finished and orange models, the glass body is solidly coloured. For the tobacco and gold colours, the exclusive finishing with a crystal ice pattern on the interior of the lampshade creates a unique texture. Brilliant illumination highlights the charming lighting effect of this high quality wall luminaire, which is available with a variety of wall plates. BALINO is also available as single and multiple pendant luminaire.

Design: OLIGO



Туре	W	Body colour	Shade colour	Item number
G 9 / QT 14	max. 40	Matt chrome	Satin finish	40-880-10-06/03
		Matt chrome	Bright gold	40-880-10-06/08
		Matt chrome	Bright orange	40-880-10-06/29
		Matt chrome	Bright tobacco	40-880-10-06/40

Lamps from page 233

Luminaire family

Pages 161, 163



TECHNICAL INFORMATION



Installation The luminaire must be installed in an upright position.

COLOURS

FEATURES

dimmers

Output data

Material

Weight 1.5 kg

Wall luminaire Uplight

Protection class 1

Lighting control and dimming Externally dimmable with "Type R"

230 V / G 9 / QT 14 max. 40 W

Energy efficiency class: A++ to E

Metal, hand-blown crystal glass





Orange





Matt black

Gold



N

Matt black Tobacco

PRODUCT

Satin finish

Туре	W	Body colour	Shade colour	Item number
G 9 / QT 14	max. 40	Matt white	Satin finish	40-880-10-21/03
		Matt white	Bright orange	40-880-10-21/29
		Matt black	Bright gold	40-880-10-23/08
		Matt black	Bright orange	40-880-10-23/29
		Matt black	Bright tobacco	40-880-10-23/40



A LITTLE BIT

The A LITTLE BIT LED wall luminaire is a very flexible lighting solution in a small format. The elegant luminaire head made from aluminium integrates a glass lens which can be focused between 20° and 60°. For a particularly harmonious light distribution, the high quality lens body has been finished separately with a texture on the inside. A touch dimmer on the rear of the head allows for continuous adjustment of the brightness. It is saved using a memory function and is also retained after disconnection from the power supply. The flexible arm allows the luminaire head to be angled however you like. A LITTLE BIT is also available as a table luminaire and floor luminaire.

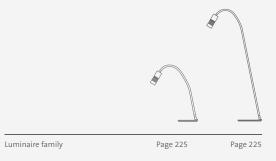
Design: OLIGO



PRODUCT

Surface mounted version with cable

Туре	lm	К	W	Head colour	Item number
LED	360	3000	9	Chrome	40-898-12-23
				Matt chrome	40-898-22-23



TECHNICAL INFORMATION

max 520

max 520

Installation

required on site

🖣 s

Surface mounted version with cable

Recessed version with wall disc

Junction box (Ø 68 x 61 mm)

Ø 110

LED INTEGRIERT

FEATURES

Wall luminaire Surface mounted version with 2.5 m cable Recessed version with wall disc

Flexible arm, glass lens Focusable light output 20°-60° Protection class 2

Lighting control and dimming Integrated dimmer switch Memory function

Output data

220-240 V / 50-60 Hz / 12 V DC / LED / 3000 K / 360 lm / 9 W / CRI 85 Energy efficiency class: A

Material Metal, textile cover

Weight 0.7 kg

COLOURS



Chrome

Matt chrome

PRODUCT

Recessed version with wall disc

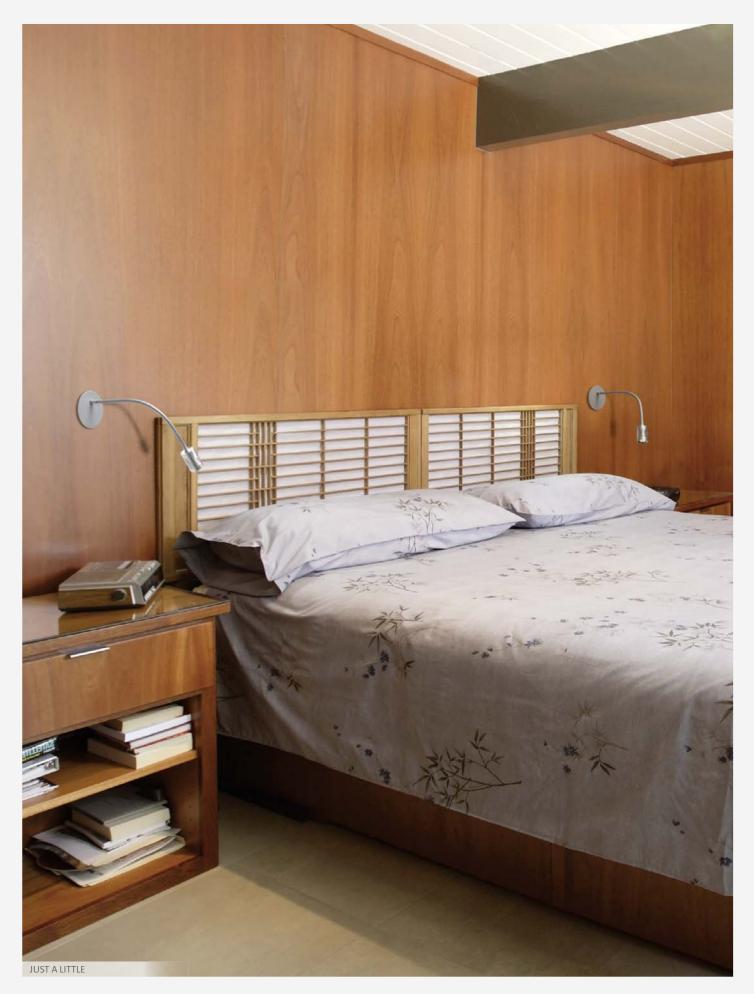
Туре	lm	К	W	Head colour	Item number
LED	360	3000	9	Chrome	40-898-42-23
				Matt chrome	40-898-52-23

oligo

JUST A LITTLE







JUST A LITTLE

The delicate and efficient JUST A LITTLE LED wall luminaire is suitable for living spaces as well as for challenging projects. The flexible metal tube and the even light scene make JUST A LITTLE a multi-functional and modern light source. The luminaire is also available as a decorative table luminaire.

Design: OLIGO







FEATURES

Wall luminaire Spotlight Glass lens Non-dimmable

Output data

Recessed version with wall disc: 100-240 V AC / 50-60 Hz / LED / 3000 K / 200 lm / 4 W / CRI >85 Protection class 1

Housing version with toggle switch: 100-240 V AC / 50-60 Hz / LED / 3000 K / 200 Im / 4 W / CRI >85 Protection class 1

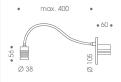
Housing version with toggle switch and 1.5 m cable: 230 V AC / 50 Hz / LED / 3000 K / 200 lm / 4 W / CRI >85 Protection class 2

Energy efficiency class: A

Material Metal, glass

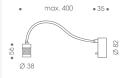
Weight 0.7 kg TECHNICAL INFORMATION

Recessed version with wall disc

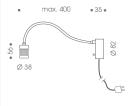


Installation Junction box (Ø 68 x 61 mm) required on site

Housing version with toggle switch



Housing version with toggle switch and 1.5 m cable



PRODUCT

Recessed with wall disc

Туре	lm	к	W	Wall disc colour	Item number
LED	200	3000	4	Matt chrome	40-893-13-12
				Matt white	40-893-12-12

PRODUCT

Housing with toggle switch

Туре	Im	к	W	Housing colour	Item number
LED	200	3000	4	Matt chrome	40-893-21-12

Housing with toggle switch and 1.5 m cable

Туре	Im	К	W	Housing colour	Item number
LED	200	3000	4	Matt chrome	40-893-31-12



LED

LIGHT DECK

LIGHT DECK is an elegant ceiling luminaire with dynamic styling. The gimbal-mounted luminaire heads can be rotated and swivelled in all directions and their positioning is therefore highly versatile. The combination of bright chrome and matt white powdered surfaces gives the luminaire a modern, timeless design. Other models are available in matt chrome and matt white. LIGHT DECK can be oper-

ated with both high voltage and low voltage reflector lamps as well as with LED retrofit lamps.

Design: OLIGO



FEATURES

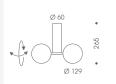
Ceiling luminaire Spotlight Rotatable / swivelling Protection class 2

Output data

230 V / 50-60 Hz / 12 V DC / G 53 / 2x LED Retrofit max. 20 W Energy efficiency class: A++ to A Non-dimmable

230 V / GZ 10 / QPAR 111 / max. 2x 75 W Energy efficiency class: A++ to E Dimmable according to the lamp manufacturer's information

TECHNICAL INFORMATION



Material Aluminium

Weight 1.1 kg

COLOURS



Matt chrome /

Matt chrome





Matt white /

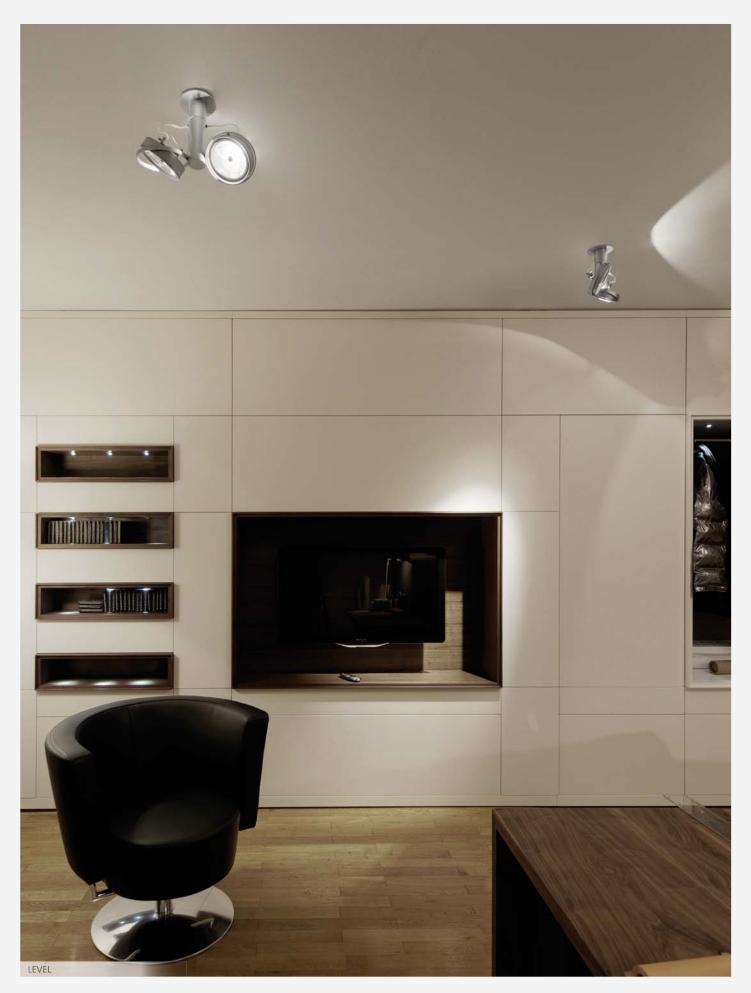
Chrome



Matt white / Matt white

PRODUCT

Туре	W	Body colour	Shade colour	Item number
G 53 / LED Retrofit	max. 2x 20	Matt chrome	Matt chrome	41-865-11-06
		Matt white	Chrome	41-865-10-21
		Matt white	Matt white	41-865-12-21
GZ 10 / QPAR 111	max. 2x 75	Matt chrome	Matt chrome	41-865-21-06
GZ 10 / QPAR 111	max. 2x 75	Matt chrome Matt white	Matt chrome Chrome	41-865-21-06 41-865-20-21
GZ 10 / QPAR 111	max. 2x 75			



LEVEL

Balanced proportions and gimbal-mounted luminaire heads characterise the design of the LEVEL spotlights. They can move freely and can be positioned individually. The spotlight is suitable for the use of LED retrofits and fulfils the current requirements for an energy-saving lighting solution.

Design: Ralf Keferstein



FEATURES

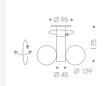
Ceiling luminaire Spotlight Rotatable / swivelling Protection class 1

Lighting control and dimming Dimmable according to the lamp manufacturer's information

Output data 230 V / GZ 10 / QPAR 111 / max. 2x 75 W Energy efficiency class: A++ to E

Material Aluminium

TECHNICAL INFORMATION



Weight 0.5 kg

COLOURS





Matt chrome



Matt white

PRODUCT

Туре	W	Colour	Item number
GZ 10 / QPAR 111	max. 2x 75	Chrome	41-905-21-05
		Matt chrome	41-905-21-06
		Matt white	41-905-21-21



LED READY

TWIN LANE

Circular shapes and a symmetrical base structure define the design of the TWIN LANE spotlight. The spotlight heads are gimbal-mounted so that almost any point in the room can be lit. Alongside the modest shapes, the luminaire offers high operational reliability since the thermal separation between the luminaire head and the upstream transformer has been taken into account in a separate housing. TWIN LANE is suitable for the use of LED retrofits and fulfils the current requirements for an energy-saving lighting solution.

Design: OLIGO



FEATURES

Ceiling luminaire Rotatable / gimballed luminaire heads

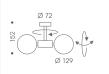
Lighting control and dimming Dimmable according to the lamp manufacturer's information

Output data 230 V / 50-60 Hz / 12 V / G 53 / QR-LP 111 / max. 2x 35 W Energy efficiency class: A to C

230 V / GZ 10 / QPAR 111 / max. 2x 75 W Energy efficiency class: A++ to E

Material Aluminium

TECHNICAL INFORMATION



Weight 0.8 kg

COLOURS





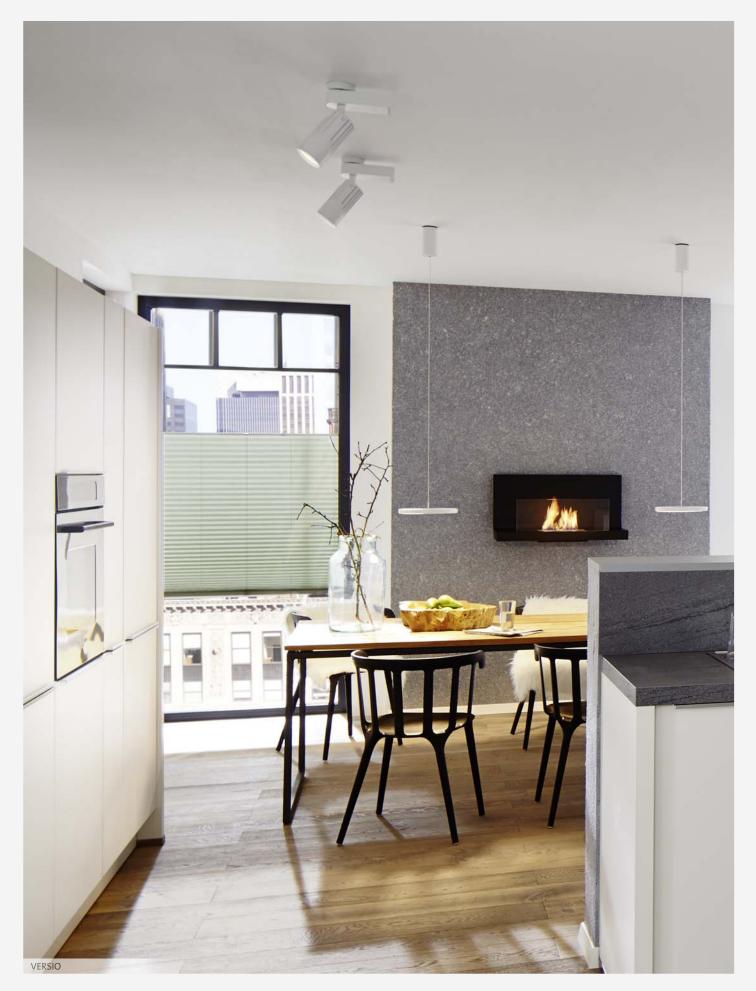
Chrome

Matt chrome

Matt white

PRODUCT

Туре	W	Colour	Item number
G 53 / QR-LP 111	max. 2x 35	Chrome	41-866-20-05
		Matt chrome	41-866-20-06
		Matt white	41-866-20-21
GZ 10 / QPAR 111	max. 2x 75	Chrome	41-866-10-05
		Matt chrome	41-866-10-06
		Matt white	41-866-10-21



VERSIO

VERSIO is a high quality LED spotlight for sophisticated lighting solu- characteristics (flood and spot). tions. Its possible applications include retail, industrial spaces, art and culture as well as private living space. Developed in-house, the reflectors allow for optimal lighting of exhibits and display products as well as precise accentuation of selected building architecture. The spotlight stands out with a well balanced light scene which disperses softly to the edges and ensures high colour fidelity in the lighting effect right across the colour spectrum.

VERSIO is available with a variety of outputs and light distribution

Design: OLIGO



TECHNICAL INFORMATION

80

193 .

Light distribution

See page 258



FEATURES

Ceiling luminaire Spotlight Rotatable / swivelling Non-dimmable Protection class 1

Output data

230 V / 50-60 Hz / LED / 3000 K / 2000 lm / 26 W / 24 or 40° / CRI >80 Energy efficiency class: A

230 V / 50-60 Hz / LED / 3000 K / 3000 lm / 28 W / 24 or 40° / CRI >80 Energy efficiency class: A+

Material Aluminium

Weight 1.5 kg

COLOURS





Matt black

PRODUCT

Reflector

Angle Colour Item nu	nber
24° Matt chrome 62-121-10)-06
Matt white 62-121-10)-21
Matt black 62-121-10)-23
40° Matt chrome 62-121-1	06
Matt white 62-121-1	21
Matt black 62-121-1	-23

PRODUCT

Luminaire

Туре	lm	К	W	Colour	Item number
LED	2000	3000	26	Matt chrome	41-888-11-06
				Matt white	41-888-11-21
				Matt black	41-888-11-23
LED	3000	3000	28	Matt chrome	41-888-12-06
				Matt white	41-888-12-21
				Matt black	41-888-12-23

Order reflectors separately



 \square

GATSBY

The elegant aluminium head of the GATSBY ceiling luminaire is finished in an elaborate manufacturing process and shines with a high quality chrome surface. The lamp sits behind a satin finished glass shade which, in combination with an 80° high performance reflector, guarantees homogeneous light distribution. GATSBY is also available in various designs as a pendant luminaire.

Design: Ralf Keferstein





FEATURES

Ceiling luminaire Ambient light Protection class 1

Lighting control and dimming Externally dimmable with "Type R" dimmers

Output data

230 V / B15d / QT 18 max. 100 W 80° high performance reflector Energy efficiency class: A+ to D

Material Aluminium, satin finished glass shade

Weight 2.6 kg

Luminaire family

Page 167 Page 169

TECHNICAL INFORMATION





PRODUCT

Туре	W	Item number
B15d / QT 18	max. 100	41-971-10-05



TROFEO

The TROFEO LED ceiling luminaire stands out with sleek elegance and an excellent light scene. Designed in-house for the luminaire, the LED modules generate a warm white, evenly distributed light, refined through a carefully coordinated prismatic pattern. The unique light effect shows to particularly good advantage in the design finished with a leaf gold look. TROFEO is equally suitable for use in living rooms and for the sophisticated property. This LED luminaire family also includes floor luminaires and pendant luminaires.

Design: OLIGO



FEATURES

Ceiling luminaire Non-dimmable Protection class 2

Output data 100-240 V / 50-60 Hz / 24 V DC / 2700 K / 1150 Im / 16 W / CRI >80 Energy efficiency class: A

Material Metal, acrylic glass

Weight 2.2 kg

COLOURS





Matt grey







Matt white

Matt black Gold leaf

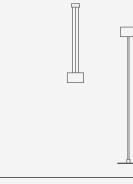
Matt red



Champagne

PRODUCT

Туре	lm	К	W	Colour	Item number
LED	1150	2700	16	Matt white	41-886-14-21
				Matt grey	41-886-13-45
				Matt black / gold leaf	41-886-10-23
				Matt red	41-886-12-25
				Champagne	41-886-15-42



Luminaire family Page 133

TECHNICAL INFORMATION

120

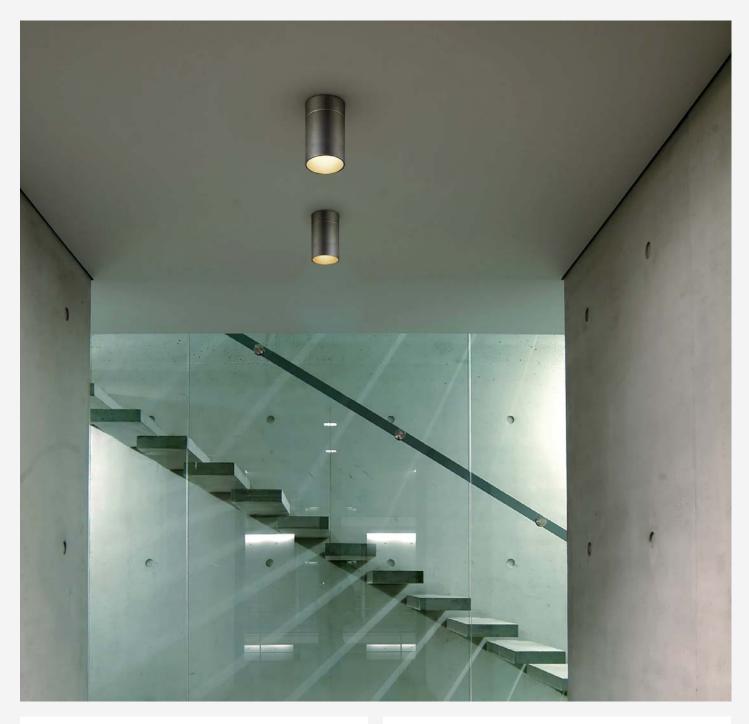
Ø 200

Light distribution

See page 258

Page 227

LED INTEGRIERT



VARIANTS



COLOURS









Champagne

PRODUCT

TUDOR	S

Туре	lm	К	W	Colour	Item number
LED	750	2700	12	Matt white	41-864-14-21*
				Matt grey	41-864-13-45 *
				Matt black / gold leaf	41-864-10-23*
				Matt red	41-864-12-25 *
				Champagne	41-864-15-42 *

PRODUCT

TUDOR S / DALI

Туре	lm	К	W	Please always prefix the item numb	er with a "D"
LED	750	2700	12	E.g.: Matt white	D41-864-14-21*

oligo

D 🖂

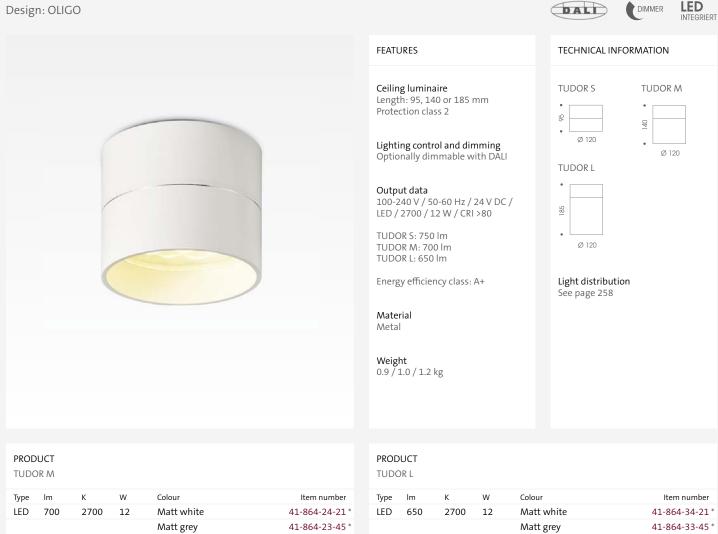
Pages 50, 51 Page 137

Luminaire family

TUDOR

The TUDOR family includes ceiling, wall and pendant luminaires and thus offers an energy efficient and consistently designed solution for all lighting requirements in the modern home and business environment. The brilliant light in combination with a very even light scene is characteristic of this latest generation of LED luminaires. The light shines with soft diffusion and gentle tapering off at the edges. With a luminous flux of 750 lumen and a warm white light tone of 2700 K, TUDOR luminaires offer cosy brightness. TUDOR ceiling luminaires are also available as a DALI variant for the design of complex lighting moods.

Design: OLIGO



Туре	lm	К	W	Colour	Item number
LED	700	2700	12	Matt white	41-864-24-21 *
				Matt grey	41-864-23-45 *
				Matt black / gold leaf	41-864-20-23 *
				Matt red	41-864-22-25 *
				Champagne	41-864-25-42 *

PRODUCT

TUDOR M / DALI

Туре	lm	к	W	Please always prefix the iter	m number with a "D"
LED	700	2700	12	E.g.: Matt white	D41-864-24-21*

PRODUCT

Туре lm

LED

TUDOR L / DALI

650

D41-864-34-21*

41-864-30-23*

41-864-32-25*

41-864-35-42*

Matt black / gold leaf

Please always prefix the item number with a "D"

Matt red

W

12

2700

Champagne

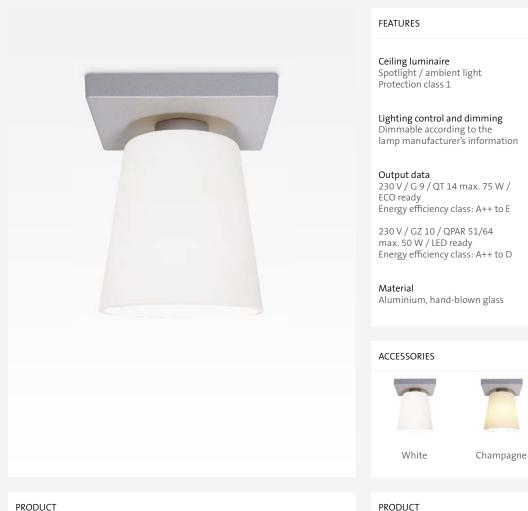
E.g.: Matt white



DONATA

A conically shaped shade made from transparent or satin finished glass defines the timeless design of the DONATA ceiling luminaire. The luminaire generates soft room light and shines downwards at the same time. The variant with the GZ 10 setting is also suitable for the use of LED retrofits and fulfils the current requirements for an energy-efficient lighting solution. In addition to the ceiling luminaire, the design is also available in the form of wall and pendant luminaires.

Design: Ralf Keferstein



Luminaire family Page 119 Page 159

LED ECO READ'

TECHNICAL INFORMATION

	• 115	x 115 •
۰ ۵	7	7
13	/	
•	ø	100

Weight Luminaire: 1.2 kg Glass shade: 0.5 kg





Transparent

PRODUCT

Item number

41-909-20-06

41-909-10-06

Accessories: Satin finished glass shade, compatible with G 9 setting

Colour	ltem number
Matt white	94-904-10-21
Champagne	94-904-10-42

Accessories: Transparent glass shade, compatible with GZ 10 setting

Colour	Item number
Transparent	94-904-10-01

Luminaire

G 9 / QT 14

GZ 10 / QPAR 51/64

Туре

Lamps from page 233

w

max. 75

max. 50



CILINDAR

The outward appearance of the CILINDAR ceiling luminaire is as sleek as it is fascinating. It is available with an aluminium shade for focused light or with a shade made from opaline glass. Alongside the focused light, this also emits a diffused amount into the room.

Design: Ralf Keferstein



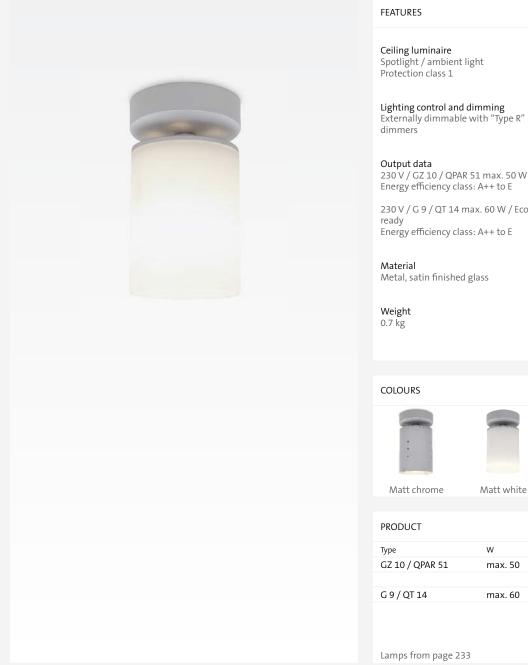
TECHNICAL INFORMATION

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Ø 70

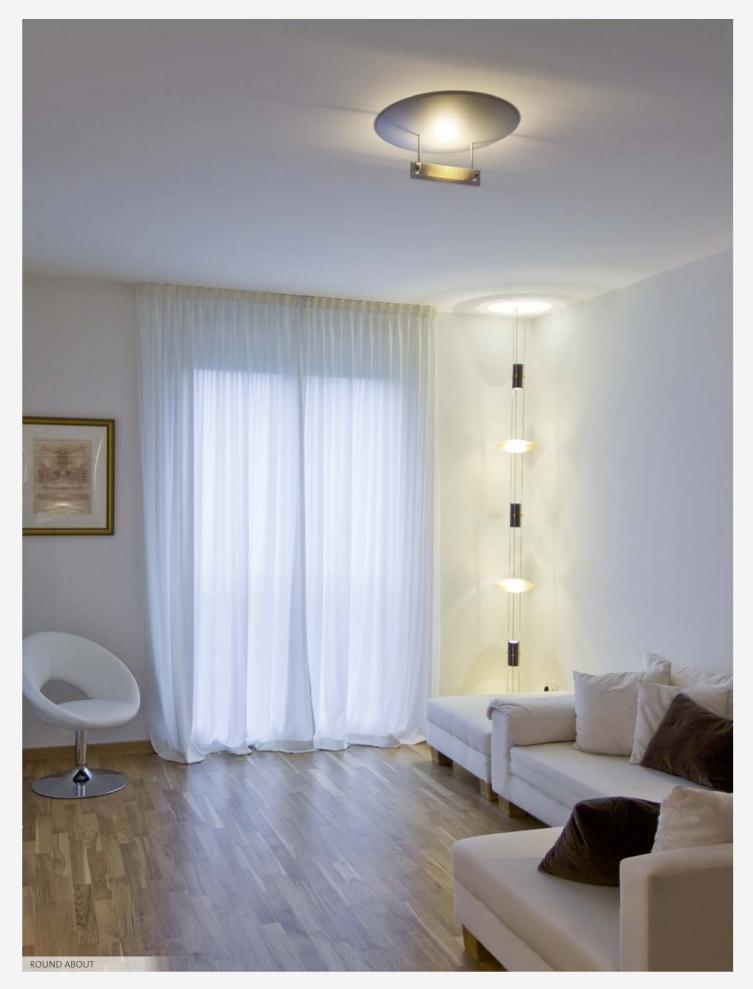


230 V / GZ 10 / QPAR 51 max. 50 W

230 V / G 9 / QT 14 max. 60 W / Eco



Туре	W	Shade colour	Item number
GZ 10 / QPAR 51	max. 50	Matt chrome	41-985-10-06/06
		Matt white	41-985-10-06/21
G 9 / QT 14	max. 60	Matt white	41-985-20-06/21



ROUND ABOUT

ROUND ABOUT wins people over with a clear design in combination with high performance lighting technology. The two designs differ in terms of dimensions and the respective light output. The reflector made from bone china porcelain gives the luminaire an elegant appearance and generates warm light in the room, while the matt chrome version distributes all of the light indirectly via the ceiling.

Design: Ralf Keferstein



FEATURES

Ceiling luminaire Ambient light Protection class 1

Lighting control and dimming Externally dimmable with "Type R" dimmers

Output data

230 V / R7s 78 mm / QT-DE 11/12 max. 150 W Energy efficiency class: A++ to D

230 V / R7s 118mm / QT-DE 11/12 max. 300 W Energy efficiency class: A++ to D

Material

Metal, porcelain

Weight 1.7 / 2.6 kg

COLOURS





Matt chrome

e Matt white

PRODUCT

Туре	W	Size (mm)	Shade colour	Item number
R7s 78 mm /	max. 150	Ø 320	Matt chrome	41-951-10-06/06
QT-DE 11/12			Matt white	41-951-10-06/21
R7s 118 mm /	max. 300	Ø 470	Matt chrome	41-951-20-06/06
QT-DE 11/12			Matt white	41-951-20-06/21

Lamps from page 233

ECO READY

TECHNICAL INFORMATION

Ø 320 •

Ø 470

• 255

.

200



SIR CHARLES

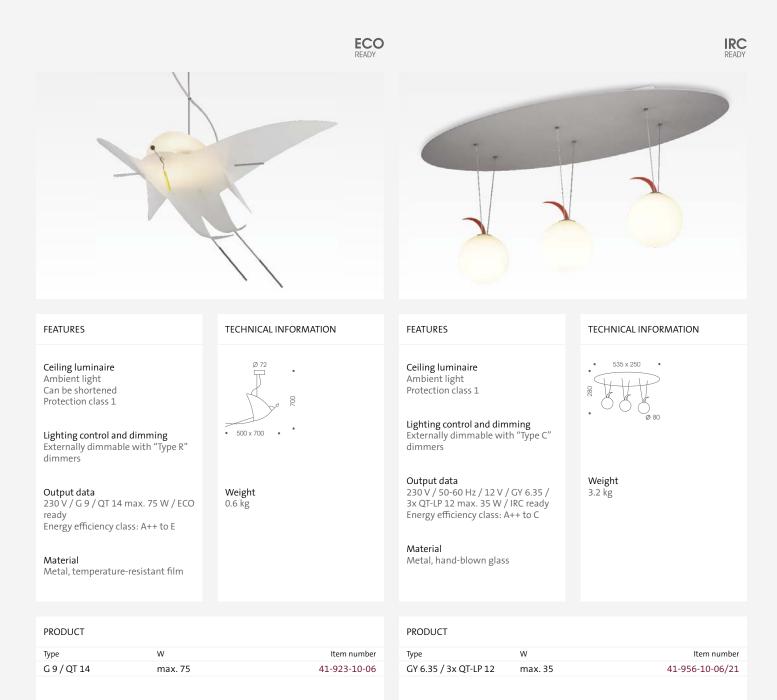
OKI-DOKI

The elegant and artistic handling of temperature-resistant dissipative film makes the SIR CHARLES a decorative element which generates harmonious and soft room light. Both on its own and in a flock, the SIR CHARLES cuts a striking and very attractive figure and lights any room softly and pleasantly.

Design: Ralf Keferstein

OKI-DOKI is a classic among decorative luminaires. The white satin finished, hand-blown glass ball ensures soft and homogeneous light in the room and almost appears to float thanks to the delicate cord suspension.

Design: Ralf Keferstein



Lamps from page 233

oligo



MADEMOISELLE FILOU **FAMILLE FILOU**

LED READY

Alongside FAMILLE FILOU, MADEMOISELLE FILOU is a particular eye catcher in the OLIGO luminaires range. The extravagant design is defined by a standard tea strainer which, in combination with freely movable wings, reminds you of the eyes and proboscis of a fly. FILOU is available as a single example or as a full swarm: in the FILOU family, three or five examples are connected to one another using a shared electricity supply, but they can be positioned individually along the length of the cable.

Design: Sigi Bußinger



FFATURES

Wall / ceiling luminaire Can be shortened 1 m cable with cable switch Protection class 2

Lighting control and dimming Externally dimmable with "Type R" dimmers

Output data 230 V / E 14 / D45-CS max. 25 W Energy efficiency class: A++ to E

Material Metal, plastic, temperature-resistant fabric

\٨/

max. 25

Weight 0.2 kg

TECHNICAL INFORMATION



PRODUCT

Туре E 14 / D45-CS



FEATURES

Wall / ceiling luminaire Can be shortened Protection class 2

Lighting control and dimming Externally dimmable with "Type R" dimmers

Output data 230 V / E 14 / 3x D45-CS max. 25 W Energy efficiency class: A++ to E

Material Metal, plastic, temperature-resistant fabric

Weight 0.7 kg

TECHNICAL INFORMATION



PRODUCT

Item number

40-980-10-23

Туре	W	Item number
E 14 / 3x D45-CS	max. 25	41-980-10-23

Lamps from page 233



FEATURES

Ceiling luminaire Can be shortened Protection class 2

Lighting control and dimming Externally dimmable with "Type R" dimmers

Output data 230 V / E 14 / 5x D45-CS max. 25 W Energy efficiency class: A++ to E

Material Metal, plastic, temperature-resistant fabric

Weight 0.9 kg

TECHNICAL INFORMATION



PRODUCT

Туре	W	Item number
E 14 / 5x D45-CS	max. 25	41-980-20-23

Lamps from page 233



KELVEEN





ACCESSORIES

Dichroic filter

Size (mm)	Colour	Item number
Ø 50	Red	62-222-10-24
	Yellow	62-222-10-33
	Green	62-222-10-35
	Blue	62-222-10-37
	Magenta	62-222-10-46

KELVEEN

A striking feature of KELVEEN is the high quality glass lens which is available with two beam angles as a spot (40°) or floodlight (90°). The spotlight is suitable for wall and ceiling installation. Thanks to the freely movable luminaire head, it can be individually adjusted to suit the actual lighting requirements. The lighting effect can additionally be adjusted using a dichroic filter which can be inserted. KELVEEN is also available as a 24 volt LED system spotlight for track and plug contact installation and as table luminaires and floor luminaires.

Design: OLIGO



Luminaire family Page 213 Page 213

LED INTEGRIERT

FEATURES

Wall / ceiling luminaire Spotlights Rotatable / swivelling Non-dimmable Protection class 1

Output data

220-240 V / 50-60 Hz / 24 V / LED / 3000 K / 850 lm / 9,5 W / 40° or 90° / CRI >80 Energy efficiency class: A+

Material Aluminium, thermoplastic, glass lens

Weight 0.6 kg



TECHNICAL INFORMATION

Light distribution See page 258

COLOURS









Matt chrome

Matt grey Matt black

Champagne

PRODUCT

Туре	lm	W	Angle	Body colour	Item number
LED	850	9,5	90°	Matt chrome	41-869-11-06
				Matt white	41-869-11-21
				Matt grey	41-869-11-45
				Matt black	41-869-11-23
				Champagne	41-869-11-42

PRODUCT

Туре	lm	W	Angle	Body colour	Item number
LED	850	9,5	40°	Matt chrome	41-869-10-06
				Matt white	41-869-10-21
				Matt grey	41-869-10-45
				Matt black	41-869-10-23
				Champagne	41-869-10-42

ICE







oligo

ICE

The rotatable and swivelling luminaire head of the ICE spotlight allows for precise lighting of a wide variety of objects and surfaces, even from large distances. ICE is suitable for the use of halogen and LED retrofit lamps and fulfils the current requirements for an energy-saving lighting solution.

Design: Ralf Keferstein



FEATURES

Wall / ceiling luminaire Spotlights Rotatable / swivelling Externally dimmable Protection class 1

Output data 230 V / GZ 10 / QPAR 111 / 1x/2x max. 75 W Energy efficiency class: A++ to E

Material Aluminium

Weight 0.9 / 1.4 kg

TECHNICAL INFORMATION

LED READY





VARIANTS



Single light



Double light

PRODUCT

Туре	W	Colour	Item number
GZ 10 / QPAR 111	max. 1x 75	Matt chrome	41-916-10-06
		Matt white	41-916-10-21*
	max. 2x 75	Matt chrome	41-916-20-06
		Matt white	41-916-20-21*

Lamps from page 233



GATE B FOUR

Whether with or without glass accessories – the GATE B FOUR wall and ceiling spotlight cuts a fine figure in any model. Three different, hand-blown glasses are available in addition to a decorative ring, shaping the light scene and design. The luminaire is also suitable for the use of LED retrofits and fulfils the current requirements for an energy-saving lighting solution. A matching luminaire design is available as a ceiling and pendant luminaire with the single luminaires from the DONATA range.

Design: Ralf Keferstein



PRODUCT

Luminaire

Туре	W	Item number
G 9 / QT 14	max. 75	40-904-20-06
GZ 10 / QPAR 51/64	max. 50/75	40-904-10-06



Wall / ceiling luminaire Spotlights Rotatable / swivelling Externally dimmable Protection class 1

Output data 230 V / G 9 / QT 14 max. 75 W / ECO ready Energy efficiency class: A++ to E

230 V / GZ 10 / QPAR 51/64 max. 50/75 W / LED ready Energy efficiency class: A++ to E

Material Aluminium, hand-blown glass

Weight Luminaire: 1.0 kg Glass shade: 0.5 kg

ACCESSORIES



Glass shade C Matt white C

Glass shade Champagne

Glass shade Transparent

R 3 decorative ring

PRODUCT

Accessories: Satin finished glass shade, compatible with G 9 setting

Colour	Item number
Matt white	94-904-10-21
Champagne	94-904-10-42

Accessories: Transparent glass shade, compatible with GZ 10 setting

Colour	Item number
Transparent	94-904-10-01

Lamps from page 233, accessories from page 243



LED

TECHNICAL INFORMATION

15 × 115

15 × 1

without glass shade

130 •

Ø 51/64

with glass shade

Ø100

ECO READY



GATE B SEVEN

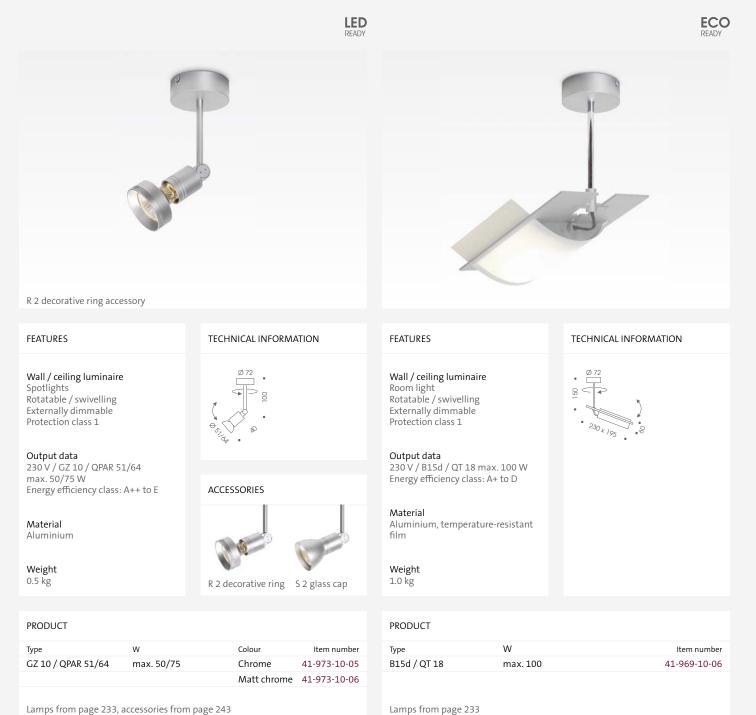
HIGH FLIGHT

Compact dimensions in a technical and elegant design have made GATE B SEVEN a timeless classic in private and commercial halogen lighting in many countries. The spotlight is suitable also for the use of LED retrofits and fulfils the current requirements for an energy-efficient lighting solution. The appearance and light scene can be varied using decorative rings and other accessories.

Design: Ralf Keferstein

The HIGH FLIGHT luminaire is both a decorating lighting element and a room light with a fascinating light scene. The temperature-resistant dissipative film ensures soft and homogeneous general lighting. HIGH FLIGHT is one of the best tested room lights for private and commercial lighting solutions.

Design: Ralf Keferstein



Lamps from page 233, accessories from page 243



PENDANT LUMINAIRES SETTING THE SCENE AT TABLES AND COUNTERS.

The right lighting at dining tables or counters has a significant influence on appetite, enjoyment and comfort. Pendant luminaires are an ideal lighting solution here. Hung individually or in series, they light the tabletop brightly and evenly while the people recede into the muted diffused light. With a diffuser in front of the lamp, your light is completely glare-free.

Height adjustable and dimmable variants which can be adjusted individually to suite the actual lighting requirements are particularly convenient. An integrated memory function ensures that the luminaire also automatically switches back to the last brightness value the next time it is switched on.

With regard to design and light distribution, pendant luminaires

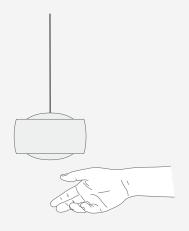
should be adapted to suit the shape of the table. Luminaires with circular shades are suitable for lighting round tables or, arranged in a row, provide a beautiful picture both optically and with regard to lighting technology. Luminaires with an elongated light field are designed for rectangular tabletops and are also perfect for lighting oversized dining tables.

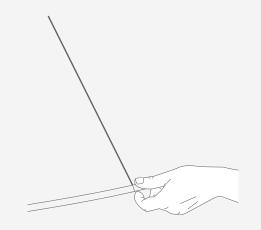
Outside the dining area, complementary wall luminaires can create atmospheric accents in the living room and dining room.

CONTENTS	PAGE
Pendant luminaires	128
Lamps	233

PENDANT LUMINAIRES CONTROL THE LIGHT CONVENIENTLY.

Energy efficiency, maximum flexibility, no visible cables as far as possible and intelligent sensor technology characterises modern lighting in living space and property. Pendant luminaires from OLIGO can be intuitively switched and dimmed in a wide variety of ways.





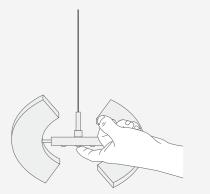
TOUCHLESS GESTURE CONTROL

A subtle hand movement is enough to control the light and makes switching and dimming an almost magical experience. Within a detection area of 10 centimetres, a sensor detects the direction of movement and position of the hand. The luminaire can be switched on or off using a hand movement near the sensor. If the hand lingers over the sensor for a longer time, the dimmer function is activated. This innovative form of luminaire control was honoured with the Plus X award for innovation and ease of use.

TOUCH DIMMER WITH INTEGRATED MEMORY FUNCTION

With this intuitive form of light control, the brightness of the luminaire is controlled simply by touching the sensor surface.

Switching on and off is done with a brief touch, continuous dimming is done by leaving your hand on the sensor surface for longer. The slightest difference in potential between the luminaire and the person touching it leads to a switching action. The integrated memory function recalls the last selected dimming level when the luminaires are turned on.





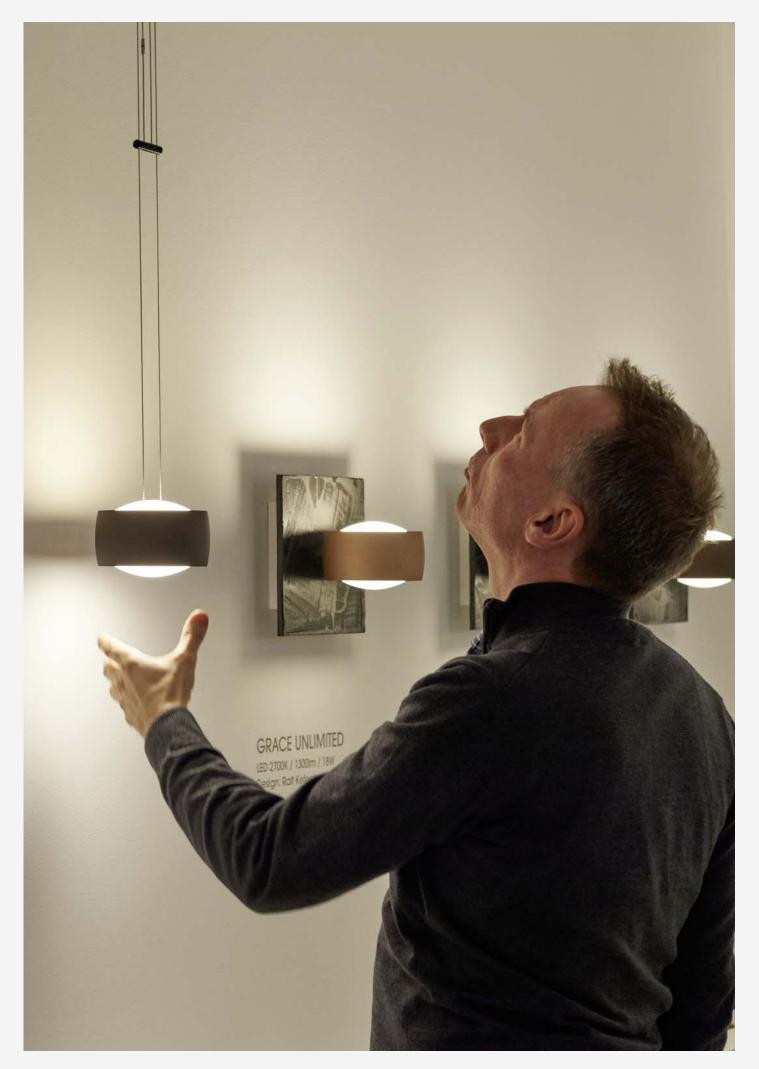
A subtle button, skilfully integrated into the luminaire design serves as a functional control element and allows for continuous dimming and switching of the luminaire. A short press of the button turns the luminaires on and off. If you hold the dimmer button pressed for a longer time, the luminaires dim continuously up and down. The integrated memory function recalls the last selected dimming level when the luminaires are turned on.



EXTERNAL WALL DIMMER

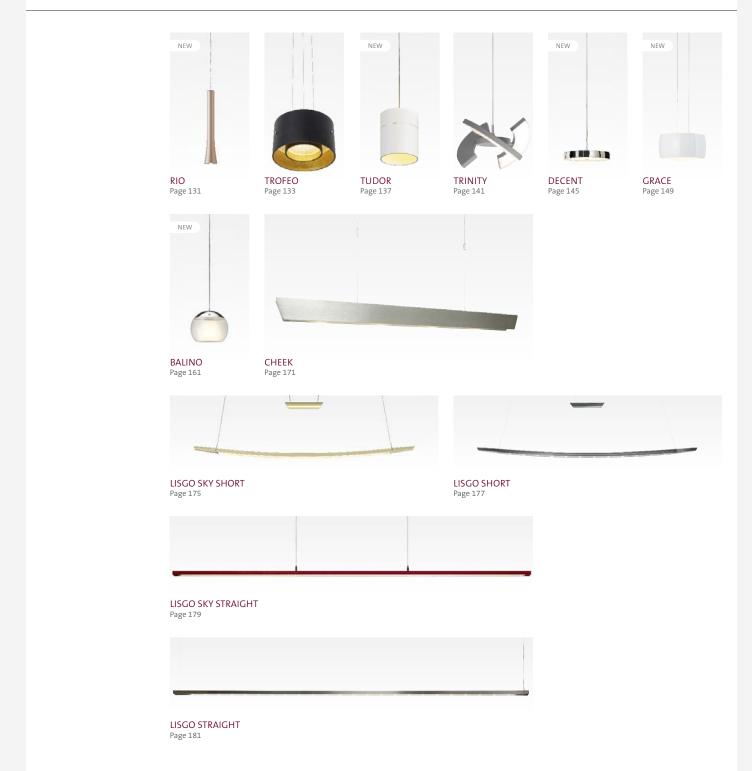
Depending on the type of lamps, pendant luminaires with conventional lighting technology can be dimmed using a wide variety of dimmer types. According to the lamp type used, the dimmer must be set to phase cut-on or phase cut-off.

Most of the LED retrofit lamps on the market use a compact switching power supply to be operated directly on a 230 V grid. A majority of these lamps are designed for dimming by phase cut-on or phase cut-off and can therefore be used with most conventional dimmers. These lamps are marked with the inscription "dimmable".



PENDANT LUMINAIRES OVERVIEW

LED LUMINAIRES



LUMINAIRES WITH CONVENTIONAL FITTINGS













BALINO Page 163



ECOLINO GRANDE Page 165

GRACE Page 151

GATSBY Page 167



SIR GATSBY Page 169



EBBYGO Page 185

RIO





SOFT TOUCH — THE PURE PLEASURE OF COLOUR

The RIO range of luminaires is a minimalist LED pendant luminaire with a manually refined perfect surface. A slim cone made from solid aluminium forms the luminaire body. With the newly developed Soft Touch surface, RIO pendant luminaires provide fine shine in living space and property.

The matt shimmering finish is applied to the luminaire body using a special procedure. The surface changes in gently merging shades depending on the way the light falls.



PATAGONIA SPRING



RIO

CANOPY Versions



The canopy is always made from brushed aluminium.

CANOPIES

with multiple suspension points



The double and triple canopies offer a particular advantage. For each luminaire pendant, there are three installation points to choose from for horizontal alignment. At the same time, the pendant lengths can be adjusted by up to 150 mm.

PRODUCT

Single pendant luminaire

Туре	lm	К	W	Colour	Item number
LED	1x 1050	2700	11.2	Pearl silver	42-861-10-06 *
				Satin copper	42-861-10-15 *
				Atlantic blue	42-861-10-38 *
				Patagonia spring	42-861-10-36 *
				Red velvet	42-861-10-25 *
				Brazilian brown	42-861-10-41*
				Espresso	42-861-10-48 *

 $^{\ast}\,$ New in the range

RIO

Shape, colour, materiality and light quality – the RIO LED luminaire range combines all of the features of high quality luminaire design. A high performance reflector carefully attuned to the photometric properties of the LED light source in the in-house development department defines the softly sketched light scene with gently fading edges. In the multiple model, a canopy with adjustment options allows for convenient installation.

Design: OLIGO



PRODUCT

Double pendant luminaire

Туре	lm	К	W	Colour	Item number
LED	2x 1050	2700	22.4	Pearl silver	42-861-20-06 *
				Satin copper	42-861-20-15 *
				Atlantic blue	42-861-20-38*
				Patagonia spring	42-861-20-36*
				Red velvet	42-861-20-25 *
				Brazilian brown	42-861-20-41*
				Espresso	42-861-20-48 *

FEATURES

Pendant luminaire Can be shortened Protection class 2

Lighting control and dimming Externally dimmable with an LED dimmer, Page 249

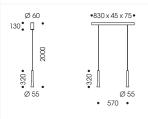
Output data 220-240 V / 50-60 Hz / 24 V DC / 2700 K / 1x / 2x / 3x 1050 lm / 11.2 / 22.4 / 33.6 W / CRI >80 Energy efficiency class: A+

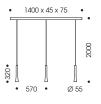
Material Metal

Weight 1.0 / 4.1 / 6.4 kg

TECHNICAL INFORMATION

LED INTEGRIERT





Special length Suspension cable up to 5 m available upon request

Light distribution See page 258

COLOURS Pearl Satin Atlantic Patagonia Red Brazilian Espresso silver

PRODUCT

Triple pendant luminaire

Туре	lm	К	W	Colour	Item number
LED	3x 1050	2700	33.6	Pearl silver	42-861-30-06 *
				Satin copper	42-861-30-15 *
				Atlantic blue	42-861-30-38*
				Patagonia spring	42-861-30-36*
				Red velvet	42-861-30-25 *
				Brazilian brown	42-861-30-41*
				Espresso	42-861-30-48*



CANOPY



Matt black



Chrome

In the matt black / gold leaf luminaire shade colour combination, the tube of the canopy is designed in matt black. For the other shade colours, the surface is plated with bright chrome.

The cover plate is always designed in bright black.

TROFEO

The TROFEO LED luminaire family stands out with sleek elegance and an excellent light scene. The LED modules, specifically designed for the luminaire, generate a warm white, evenly distributed light, refined through an elaborately coordinated prismatic lens. The unique light effect shows to particularly good advantage in the design finished with a leaf gold look. TROFEO is equally suitable for use in living spaces and for challenging property and is also available as an LED ceiling luminaire or floor luminaire.

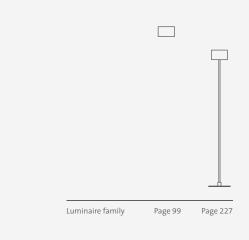
Design: OLIGO



PRODUCT

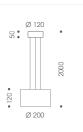
Matt black canopy

Type Item n	lm umber	К	W		Shade colour
LED	1150	2700	16	Matt black / gold leaf	G42-886-10-23





TECHNICAL INFORMATION



Special length Suspension cable up to 5 m available upon request

Light distribution See page 258

COLOURS

FEATURES

Pendant luminaire

Uplight / downlight Can be shortened Protection class 1

Touchless control

Output data

Material

Weight 2.2 kg

Lighting control and dimming

100-240 V / 50-60 Hz / 24 V DC /

2700 K / 1150 lm / 16 W / CRI >80

Memory function Not externally dimmable

Energy efficiency class: A

Metal, acrylic glass













Matt grey

Matt red

Champagne

PRODUCT

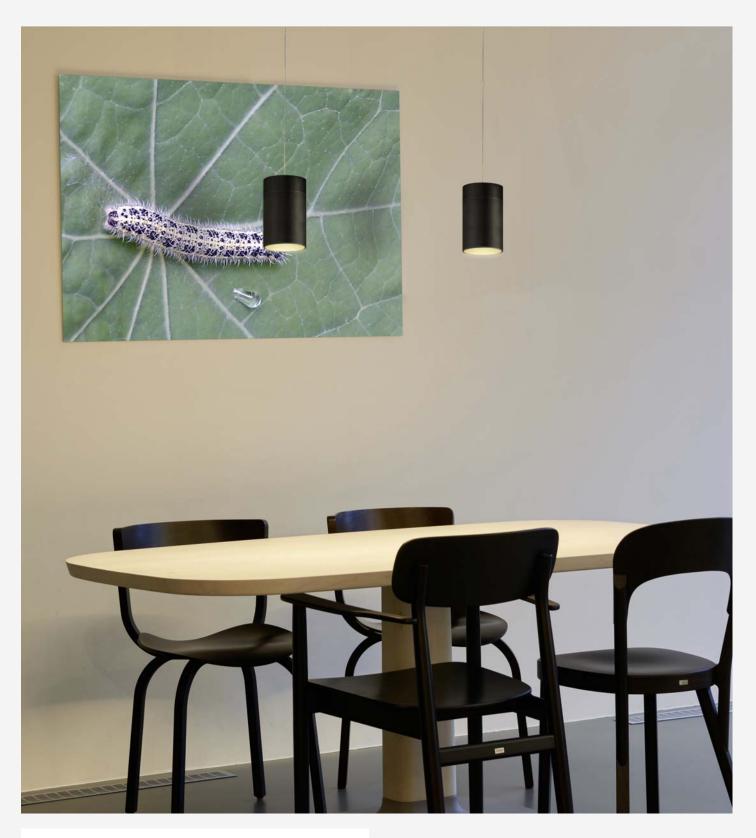
Chrome canopy

Туре	Im	К	W	Shade colour	Item number
LED	1150	2700	16	Matt white	G42-886-14-21
				Matt grey	G42-886-13-45
				Matt red	G42-886-12-25
				Champagne	G42-886-15-42

TUDOR







CANOPY



The canopy is designed in chrome, the cover plate in bright black.

Chrome / bright black

) E

Pages 50, 51 Page 101

Luminaire family

TUDOR

The TUDOR family includes ceiling, wall and pendant luminaires and thus offers an energy efficient and consistently designed solution for all lighting requirements in the modern home and business environment. The brilliant light in combination with a very even light scene is characteristic of this latest generation of LED luminaires. TU-DOR pendant luminaires are equipped with two LED segments. They generate focused light on the table top and, at the same time, indirect light in the room. A touch dimmer integrated into the cable suspension allows for convenient switching and dimming within reach.

Design: OLIGO

FEATURES	TECHNICAL INFORMATION	MODELS / COLOURS	
Pendant luminaire Uplight / downlight Can be shortened Protection class 2 Lighting control and dimming Touch dimmer Memory function Not externally dimmable		TUDOR S Matt white TUDOR M TUDOR M	
Output data 100-240 V / 50-60 Hz / 24 V DC / 2700 K / 18 W / CRI >80	Special length Suspension cable up to 5 m available upon request	COLOURS	
TUDOR S: 1500 lm TUDOR M: 1450 lm TUDOR L: 1400 lm	Light distribution See page 258		
Energy efficiency class: A+			
Material Metal, acrylic glass		Matt red Matt grey Matt b Gold	
Weight 1.2 / 1.4 / 1.6 kg		PRODUCT TUDOR S	
		Type Im K W Colour	Item number
		LED 1500 2700 18 Matt white	T42-864-14-21 *
		Matt grey	T42-864-13-45
		Matt black / Matt red	gold leaf T42-864-10-23 ° T42-864-12-25 °
		Champagne	T42-864-12-25
		Champagne	142 004 13-42
PRODUCT TUDOR M		PRODUCT TUDOR L	
Type Im K W	Colour Item number	Type Im K W Colour	Item number
LED 1450 2700 18	Matt white T42-864-24-21*	LED 1400 2700 18 Matt white	T42-864-34-21
	Matt grey T42-864-23-45 *	Matt grey	T42-864-33-45
	Matt black / gold leaf T42-864-20-23 *	Matt black /	gold leaf T42-864-30-23

T42-864-22-25 *

T42-864-25-42*

Matt red

Champagne

T42-864-32-25*

T42-864-35-42*

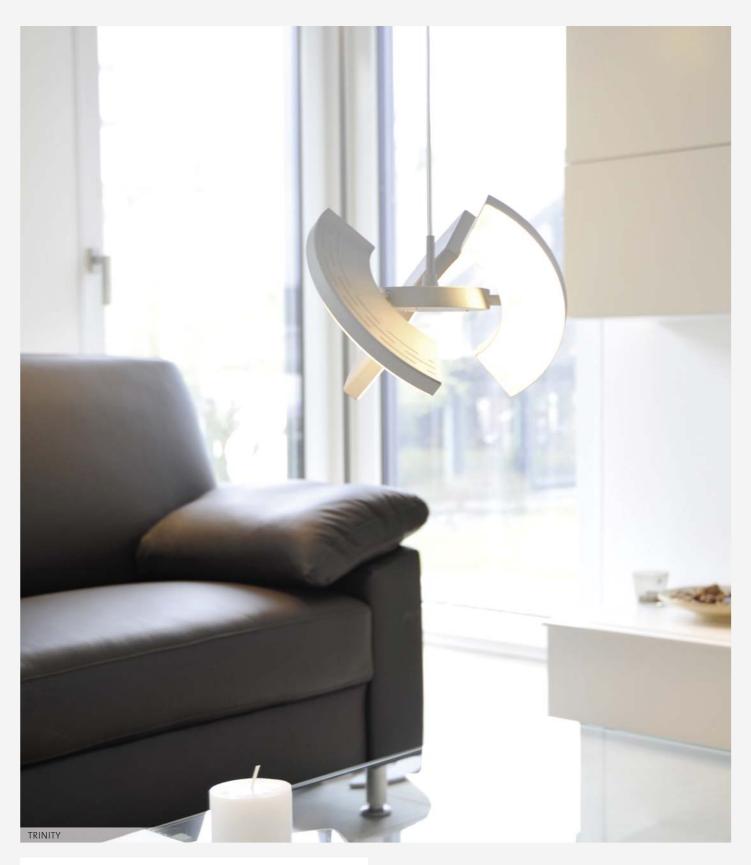
Matt red

Champagne

TRINITY







CANOPY

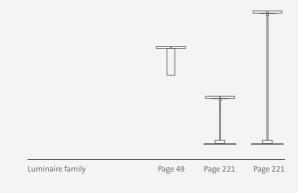


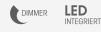
The colour of the canopy and luminaire head always match.

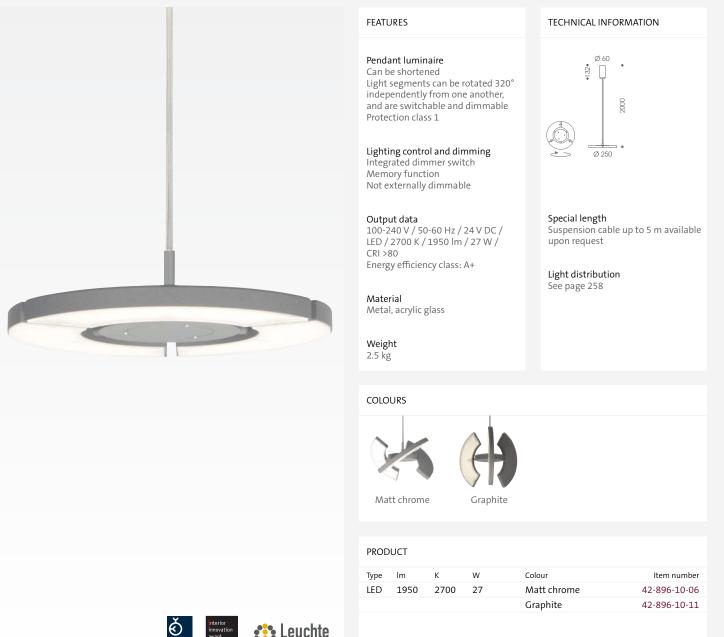
TRINITY

The head of the TRINITY LED luminaire family comprises three segments which can be rotated separately from one another. The individual segments of the luminaire can be switched and dimmed using a button on the underside of the head. The TRINITY LED luminaire family has been awarded multiple design prizes and also includes floor luminaires, table luminaires and wall luminaires.

Design: EsserKnop Industriedesigner



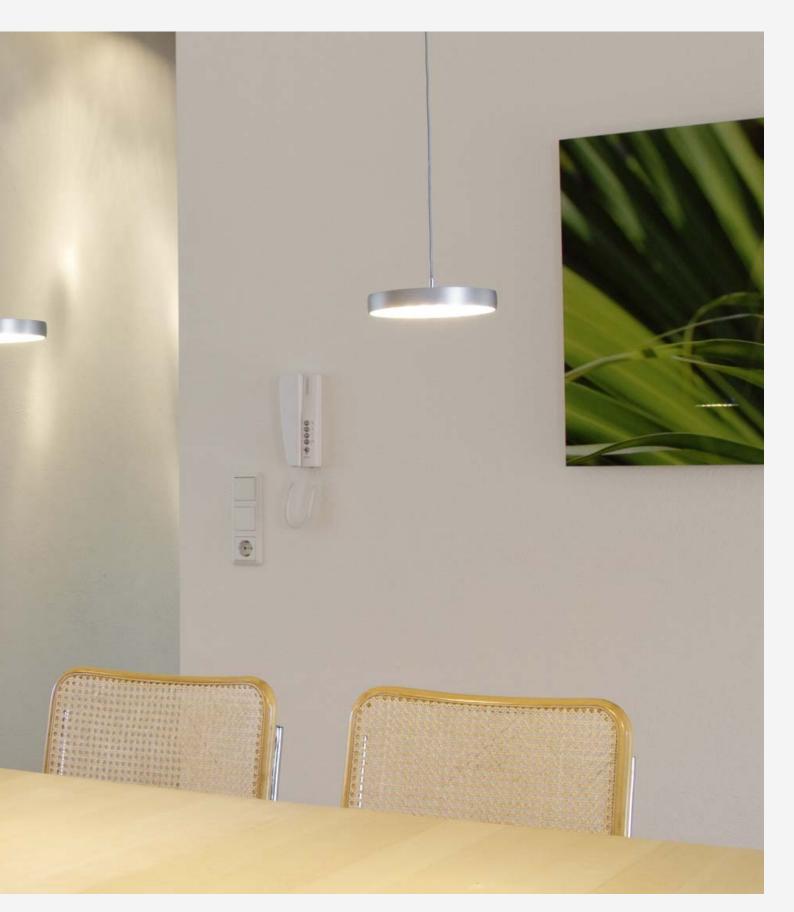




des Jahres 2011 2.Platz 2nd place

DECENT







CANOPY Versions



The colour of the canopy and luminaire head always match.

CANOPIES

with multiple suspension points

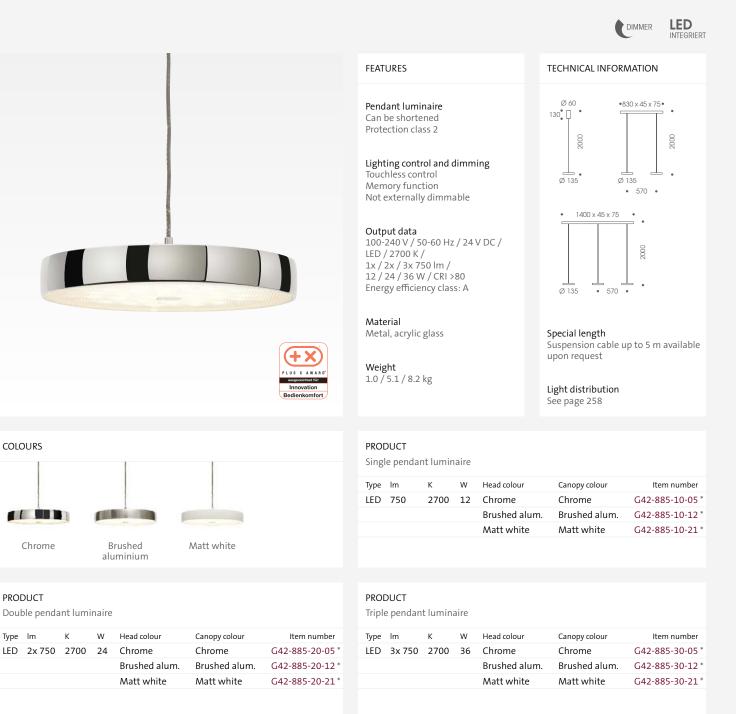
The double and triple canopies offer a particular advantage. For each luminaire pendant, there are three installation points to choose from for horizontal alignment. At the same time, the pendant lengths can be adjusted by up to 150 mm.



DECENT

DECENT is a flat, subtle LED pendant luminaire in the form of a disc. The evenly flat light radiating downwards is perfectly suited to lighting dining tables or counters. The brightness can be controlled touchlessly with simple hand gestures. A memory function stores the last brightness value selected. In the multiple model, a canopy with adjustment options allows for convenient installation. As well as the single luminaire model, DECENT is also available as a 24 V LED system luminaire for track and point outlet systems.

Design: OLIGO

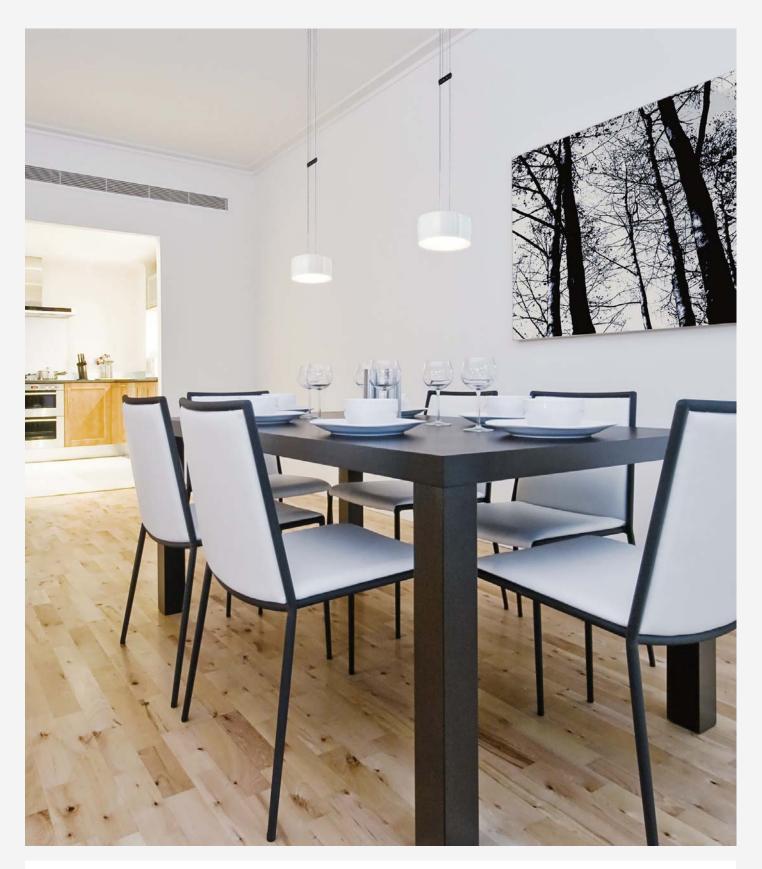


145

GRACE







CANOPIES









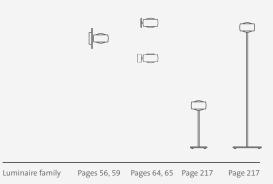
Double / triple Matt white



GRACE Height adjustable / LED

Timeless GRACE numbers among the classics of decorative pendant luminaires worldwide. The newly developed LED version now offers energy efficiency and a brilliant light effect combined with elegant gesture control. The adjustable stay subtly integrated into the suspension allows for continuous height adjustment of the luminaire.

Design: Ralf Keferstein Canopy reworking: OLIGO



LED DIMMER INTEGRIERT

FEATURES

Pendant luminaire Height adjustable Can be shortened Protection class 1 (single) Protection class 2 (double or triple)

Lighting control and dimming Touchless control Memory function Not externally dimmable

Output data

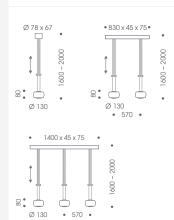
100-240 V / 50-60 Hz / 24 V DC / 2700 K / 1x/2x/3x 1300 lm / 18/36/54 W / CRI >80 Energy efficiency class: A

Material

Aluminium, satin finished glass shades

Weight 1.8 / 7.4 / 11.4 kg





Special length Suspension cable up to 5 m available upon request

Light distribution See page 258

PRODUCT Single pendant luminaire, gesture control

Туре	lm	К	W	Head colour	Canopy colour	Item number
LED	1300	2700	18	Chrome	Chrome	G42-931-12-05 *
				Brushed alum.	Brushed alum.	G42-931-12-12*
				Bright white	Brushed alum.	G42-931-12-20*
				Satin copper	Brushed alum.	G42-931-13-15 *
				Brazilian brown	Brushed alum.	G42-931-13-41*
				Espresso	Brushed alum.	G42-931-13-48*
				Purple grey	Brushed alum.	G42-931-13-49*

PRODUCT

Double pendant luminaire, gesture control

Туре	lm	К	W	Head colour	Canopy colour	Item number
LED	2x 1300	2700	36	Chrome	Chrome	G42-931-23-05 *
				Brushed alum.	Brushed alum.	G42-931-24-12*
				Bright white	Matt white	G42-931-25-20*
				Satin copper	Brushed alum.	G42-931-24-15 *
				Brazilian brown	Brushed alum.	G42-931-24-41*
				Espresso	Brushed alum.	G42-931-24-48*
				Purple grey	Brushed alum.	G42-931-24-49*

PRODUCT

Triple pendant luminaire, gesture control

Туре	lm	К	W	Head colour	Canopy colour	Item number
LED	3x 1300	2700	54	Chrome	Chrome	G42-931-33-05 *
				Brushed alum.	Brushed alum.	G42-931-34-12*
				Bright white	Matt white	G42-931-35-20*
				Satin copper	Brushed alum.	G42-931-34-15 *
				Brazilian brown	Brushed alum.	G42-931-34-41*
				Espresso	Brushed alum.	G42-931-34-48*
				Purple grey	Brushed alum.	G42-931-34-49*
						* New in the range

COLOURS













Espresso



Chrome

Brushed aluminium

Bright white

Satin copper

Brazilian brown

Purple grey



CANOPIES









Double / triple Chrome exterior, black interior

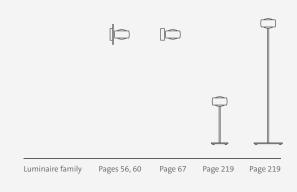


The canopies for the double and triple model with side faces in chrome have slightly larger dimensions than the matt chrome variants.

GRACE Height adjustable / halogen

Timeless GRACE numbers among the classics of decorative pendant luminaires worldwide. The two lenticular, satin finished shades are surrounded by a luminaire head made from aluminium and ensure even, glare-free illumination. The adjustable stay subtly integrated into the suspension allows for continuous height adjustment of the luminaire. In the model with touch dimmer, touching the cables triggers switching or dimming. Elegant surfaces in bright chrome or brushed aluminium beautifully complement the GRACE profile.

Design: Ralf Keferstein



TECHNICAL INFORMATION

2000

- 0091

1100 - 1500

Ø 130

Ø 78 x 67

Ø 130

1330 x 60 x 40 • 1360 x 60 x 40 •

• 580 • 580 •

Weight 1.0 / 3.0 / 5.0 kg



750x60x40

•780x70x45•

580

•

1500

1100 -



PRODUCT

Electronic transformer

Туре	W	Head colour	Canopy colour	Item number
GY 6.35 /	1x max. 50	Chrome	Chrome	42-931-10-05
QT-LP 12		Brushed alum.	Brushed aluminium	42-931-10-12
	2x max. 50	Chrome	Chrome / white	42-931-21-05
		Chrome	Chrome / black	42-931-22-05
		Brushed alum.	Matt chrome	42-931-20-12
	3x max. 50	Chrome	Chrome / white	42-931-31-05
		Chrome	Chrome / black	42-931-32-05
		Brushed alum.	Matt chrome	42-931-30-12

Lamps from page 233

FEATURES

Pendant luminaire Height adjustable Can be shortened Toolless lamp change Protection class 1 (double or triple) Protection class 2 (single)

Lighting control and dimming With optional touch dimmer or externally dimmable with "Type

or externally dimmable with "Type C" dimmers

Output data

230 V / 50-60 Hz / 12 V / 1x/2x/3x GY 6.35 / QT-LP 12 max. 50 W Energy efficiency class: A++ to C

Material Aluminium, satin finished glass

shades

COLOURS



Brushed aluminium

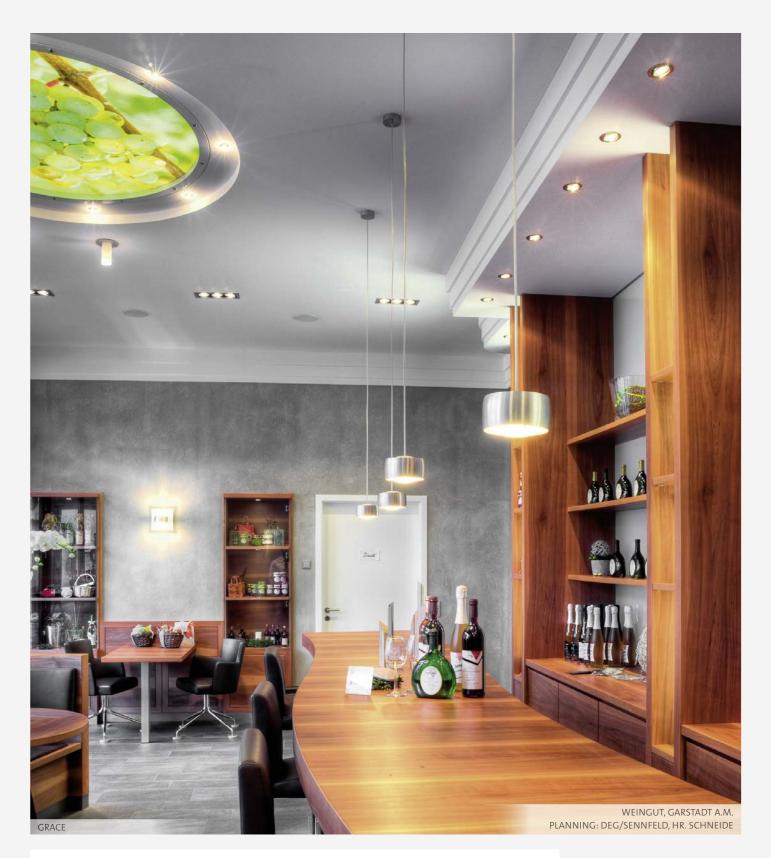
PRODUCT

Touch dimmer

Chrome

Туре	W	Head colour	Canopy colour	Item number
GY 6.35 /	1x max. 50	Chrome	Chrome	T42-931-10-05
QT-LP 12		Brushed alum.	Brushed aluminium	T42-931-10-12
	2x max. 50	Chrome	Chrome / white	T42-931-21-05
		Chrome	Chrome / black	T42-931-22-05
		Brushed alum.	Matt chrome	T42-931-20-12
	3x max. 50	Chrome	Chrome / white	T42-931-31-05
		Chrome	Chrome / black	T42-931-32-05
		Brushed alum.	Matt chrome	T42-931-30-12

Lamps from page 233



CANOPY COLOURS





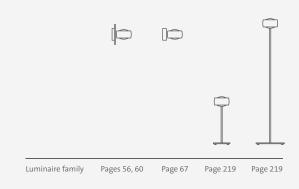
In the chrome model, the head and canopy match.

For luminaires with a brushed aluminium head, the canopy is designed in matt chrome.

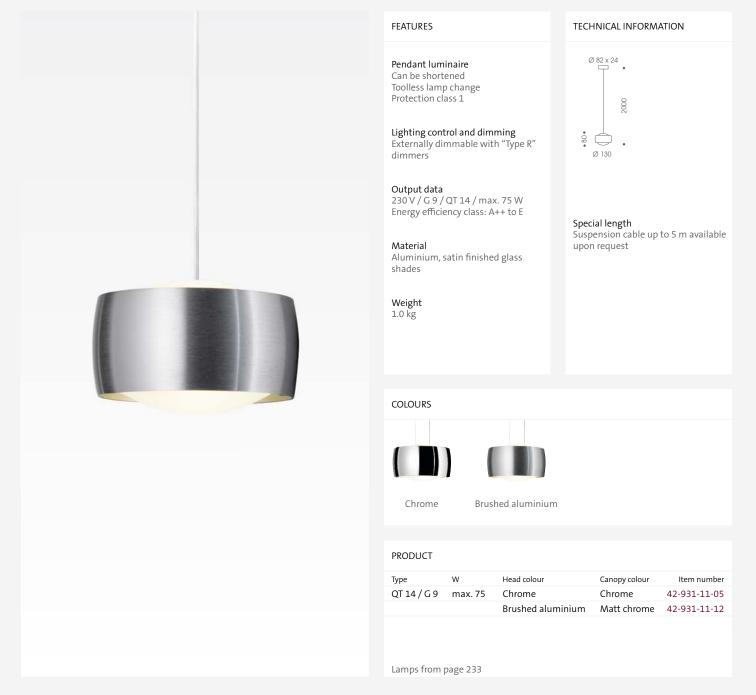
GRACE Halogen

Timeless GRACE numbers among the classics of decorative pendant luminaires worldwide. It is ideal for setting the scene at tables or counters. The two lenticular, satin finished shades are surrounded by a solid ring made from aluminium and ensure even, glare-free illumination. The elegant surfaces in bright chrome or brushed aluminium beautifully complement the GRACE profile. The classic design is also available as individually configurable wall luminaires and as table and floor luminaires.

Design: Ralf Keferstein



ECO READY





CANOPY





Bright black

Transparent

Matt white

Matt pineapple

Matt melon

154

PULL-IT Height adjustable

The attractive glass shade in combination with the distinctive metal cylinder gives the PULL-IT pendant luminaire an unmistakeable appearance. The hand-blown glass diffuser directs the light onto the table and at the same time provides pleasant general lighting in the room. The variants with bright black or transparent glass shades direct all of the light onto the table top. A free-moving counterweight allows for continuous height adjustment of the luminaire. The brightness can be controlled using an integrated touch dimmer. PULL-IT was awarded the iF product design award and the reddot design award.

Design: Ralf Keferstein



FEATURES

Pendant luminaire Height adjustable Can be shortened Protection class 1 (double or triple) Protection class 2 (single)

Lighting control and dimming With optional touch dimmer or externally dimmable with "Type C" dimmers

Output data

230 V / 50-60 Hz / 12 V / 1x/2x/3x GY 6.35 / QT-LP 12 max. 50 W Energy efficiency class: A++ to C

Material Metal, hand-blown glass

Weight 2.0 / 4.5 / 7.3 kg

Ø 145

PRODUCT

Electronic transformer

Туре	W	Shade colour	Body colour	Item number
GY 6.35 /	1x max. 50	Transparent	Matt chrome	42-952-10-06/01
QT-LP 12		Matt white	Matt chrome	42-952-10-06/21
		Matt pineapple	Matt chrome	42-952-10-06/32
		Matt melon	Matt chrome	42-952-10-06/28
	2x max. 50	Transparent	Matt chrome	42-952-20-06/01
		Matt white	Matt chrome	42-952-20-06/21
		Matt pineapple	Matt chrome	42-952-20-06/32
		Matt melon	Matt chrome	42-952-20-06/28
	3x max. 50	Transparent	Matt chrome	42-952-30-06/01
		Matt white	Matt chrome	42-952-30-06/21
		Matt pineapple	Matt chrome	42-952-30-06/32
		Matt melon	Matt chrome	42-952-30-06/28

Lamps from page 233

PRODUCT Touch dimmer

Туре	W	Shade colour	Body colour	Item number
GY 6.35 /	1x max. 50	Bright black	Chrome	T42-952-10-05/22
QT-LP 12		Transparent	Matt chrome	T42-952-10-06/01
		Matt white	Matt chrome	T42-952-10-06/21
		Matt pineapple	Matt chrome	T42-952-10-06/32
		Matt melon	Matt chrome	T42-952-10-06/28
	2x max. 50	Transparent	Matt chrome	T42-952-20-06/01
		Matt white	Matt chrome	T42-952-20-06/21
		Matt pineapple	Matt chrome	T42-952-20-06/32
		Matt melon	Matt chrome	T42-952-20-06/28
	3x max. 50	Transparent	Matt chrome	T42-952-30-06/01
		Matt white	Matt chrome	T42-952-30-06/21
		Matt pineapple	Matt chrome	T42-952-30-06/32
		Matt melon	Matt chrome	T42-952-30-06/28

Lamps from page 233



CANOPY COLOURS





Matt chrome

Bright black

Transparent

Matt white

曲

Matt pineapple

E

Matt melon

156

PULL-IT

The attractive glass shade in combination with the distinctive metal cylinder characterises the PULL-IT pendant luminaire and ensures an unmistakeable appearance. The hand-blown glass diffuser directs the light onto the table and at the same time provides pleasant general lighting in the room. The variants with bright black or transparent glass shades direct all of the light onto the table top.

Design: Ralf Keferstein



FEATURES

Pendant luminaire Can be shortened Protection class 1

Lighting control and dimming Externally dimmable with "Type R" dimmers

Output data 230 V / QT 14 / G 9 max. 60 W Energy efficiency class: A++ to C

Material Metal, hand-blown glass

Weight 0.9 kg

TECHNICAL INFORMATION

ECO READY



Special length Suspension cable up to 5 m available upon request

PRODUCT

Туре	W	Shade colour	Body colour	Item number
G 9 / QT :	14 max. 60	Bright black	Chrome	42-952-40-05/22
		Transparent	Matt chrome	42-952-40-06/01
		Matt white	Matt chrome	42-952-40-06/21
		Matt pineapple	Matt chrome	42-952-40-06/32
		Matt melon	Matt chrome	42-952-40-06/28

Lamps from page 233



CANOPY



The canopy is always made from matt chrome.

DONATA

A conically shaped shade made from satin finished glass defines the restrained design of the DONATA pendant luminaire. It reflects the light and ensures even lighting in the room. The variant with the GZ 10 setting is suitable for the use of LED retrofits and fulfils the current requirements for an energy-efficient lighting solution.

Design: Ralf Keferstein



Luminaire family

TECHNICAL INFORMATION

2000

Suspension cable up to 5 m available

Ø 82 x 24

Ø 110

Special length

upon request

140

Page 103 Page 119





FEATURES

Pendant luminaire Can be shortened Protection class 1

Lighting control and dimming Externally dimmable with "Type R" dimmers

Output data Satin finished shade: 230 V / G 9 / QT-14 max. 75 W Energy efficiency class: A++ to D

Transparent shade: 230 V / GZ 10 / QPAR 51/64 max. 50 W Energy efficiency class: A++ to E

Material Aluminium, glass

Weight 0.7 kg

COLOURS







Champagne Ti

Transparent

PRODUCT

Туре	W	Shade colour	Item number
G 9 / QT-14	max. 75	Matt white	42-909-20-06/21
		Champagne	42-909-20-06/42
GZ 10 / QPAR 51/64	max. 50	Transparent	42-909-10-06/01

Lamps from page 233



BALINO

CANOPY Versions



For luminaires with a chrome or matt black body, the canopy is designed in chrome.

In the matt chrome model, the canopy is brushed aluminium.

CANOPIES

with multiple suspension points

The double and triple canopies offer a particular advantage. For each luminaire pendant, there are three installation points to choose from for horizontal alignment. At the same time, the pendant lengths can be adjusted by up to 150 mm.

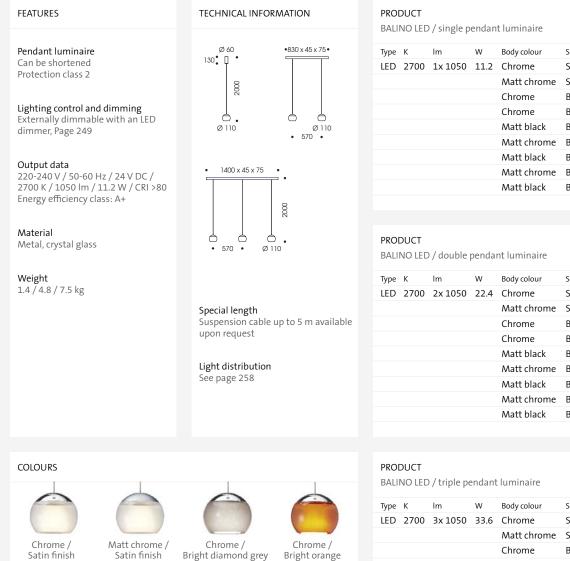


LED INTEGRIERT

BALINO LED

Elegant, hand-blown crystal glass in richly coloured designs characterises the small BALINO pendant luminaire. An exclusive finish with crystal ice decoration in diamond grey, gold and tobacco hues creates a finely textured light effect. BALINO is suitable for living space as well as property. In the multiple model, a canopy with adjustment options allows for convenient installation options.

Design: OLIGO



Matt black / Bright tobacco



Bright gold

Matt black / Bright gold

Туре	К	lm	W	Body colour	Shade colour	Item number
LED	2700	1x 1050	11.2	Chrome	Satin finish	42-880-13-05/03 *
				Matt chrome	Satin finish	42-880-14-06/03*
				Chrome	Bright grey	42-880-13-05/44*
				Chrome	Bright orange	42-880-13-05/29*
				Matt black	Bright orange	42-880-15-05/29*
				Matt chrome	Bright tobacco	42-880-14-06/40*
				Matt black	Bright tobacco	42-880-15-05/40*
				Matt chrome	Bright gold	42-880-14-06/08*
				Matt black	Bright gold	42-880-15-05/08*

Туре	К	lm	W	Body colour	Shade colour	Item number
LED	2700	2x 1050	22.4	Chrome	Satin finish	42-880-23-05/03 *
				Matt chrome	Satin finish	42-880-24-06/03 *
				Chrome	Bright grey	42-880-23-05/44*
				Chrome	Bright orange	42-880-23-05/29*
				Matt black	Bright orange	42-880-25-05/29*
				Matt chrome	Bright tobacco	42-880-24-06/40*
				Matt black	Bright tobacco	42-880-25-05/40*
				Matt chrome	Bright gold	42-880-24-06/08*
				Matt black	Bright gold	42-880-25-05/08*

Туре	К	Im	W	Body colour	Shade colour	Item number
LED	2700	3x 1050	33.6	Chrome	Satin finish	42-880-33-05/03*
				Matt chrome	Satin finish	42-880-34-06/03 *
				Chrome	Bright grey	42-880-33-05/44 *
				Chrome	Bright orange	42-880-33-05/29*
				Matt black	Bright orange	42-880-35-05/29*
				Matt chrome	Bright tobacco	42-880-34-06/40 *
				Matt black	Bright tobacco	42-880-35-05/40*
				Matt chrome	Bright gold	42-880-34-06/08*
				Matt black	Bright gold	42-880-35-05/08*

oligo

Matt black /

Bright orange



CANOPY COLOURS





For luminaires with a matt black or chrome body, the canopy is designed in chrome.

In the matt chrome model, the body and canopy match.

BALINO Halogen

Hand-blown crystal glass forms the luminaire body of the small, spherical BALINO pendant luminaire. In the bright white, satin finished and orange models, the glass body is solidly coloured. For the tobacco and gold colours, the exclusive finishing with a crystal ice pattern on the interior of the lampshade creates a unique texture. Brilliant illumination highlights the charming lighting effect of this high quality pendant luminaire, which is available with a variety of shades. It is also available as a wall luminaire in the same design.

Design: OLIGO

Luminaire family

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FEATURES

Pendant luminaire Can be shortened Protection class 1

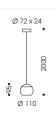
Lighting control and dimming Externally dimmable with "Type R" dimmers

Output data max. 250 V / QT 14 / G 9 / max. 40 W Energy efficiency class: A++ to E

Material Metal, crystal glass

Weight 1.4 kg

TECHNICAL INFORMATION



Special length Suspension cable up to 5 m available upon request

COLOURS



Chrome / Satin finish

Bright tobacco







Matt black / Bright tobacco



Matt chrome /

Bright gold



Matt black / Bright gold

Matt black /

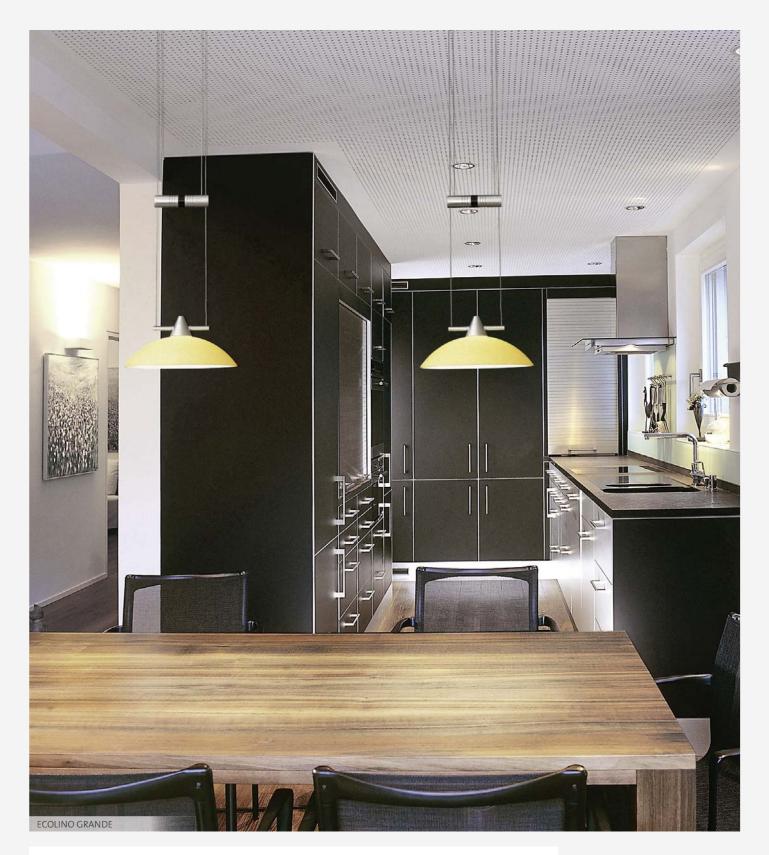
Bright orange

PRODUCT

BALINO G 9 / single pendant luminaire

Туре	W	Body colour	Shade colour	Item number
G 9 / QT :	L4 max. 40	Chrome	Satin finish	42-880-10-05/03*
		Matt chrome	Satin finish	42-880-11-06/03*
		Chrome	Bright orange	42-880-10-05/29*
		Matt black	Bright orange	42-880-12-05/29*
		Matt chrome	Bright tobacco	42-880-11-06/40*
		Matt black	Bright tobacco	42-880-12-05/40*
		Matt chrome	Bright gold	42-880-11-06/08*
		Matt black	Bright gold	42-880-12-05/08*

Lamps from page 233



CANOPY



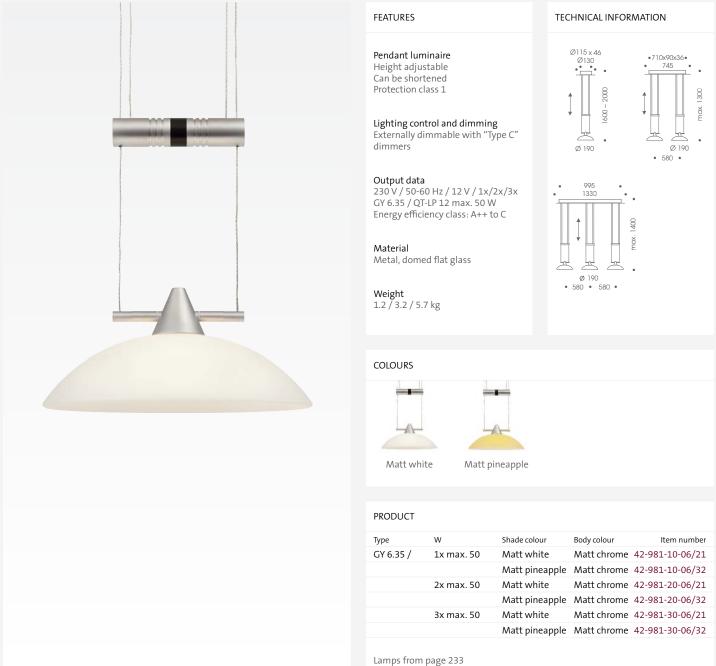
Double / triple

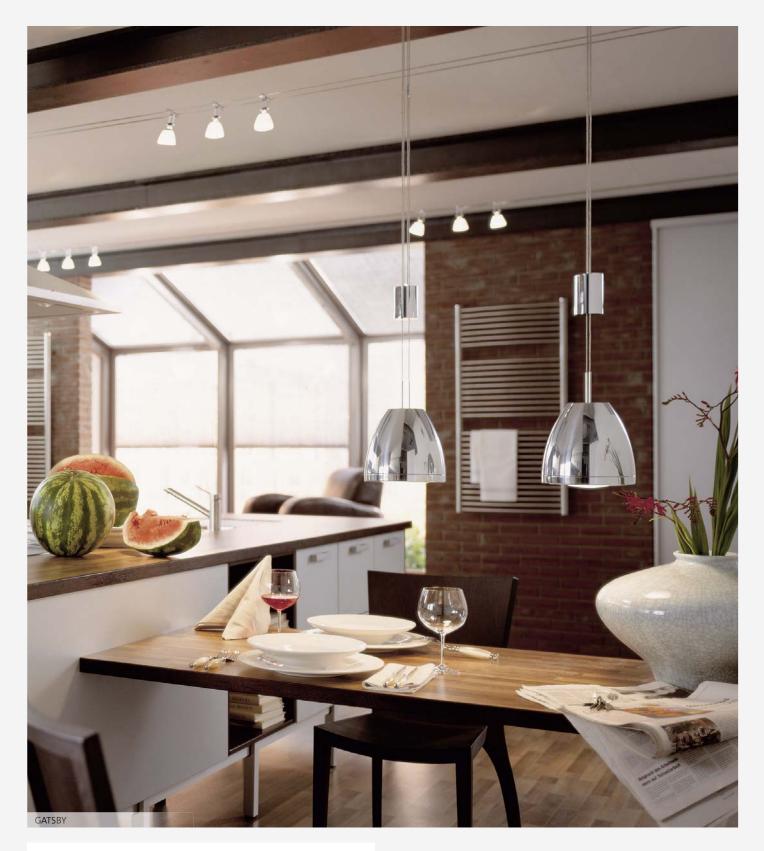
The canopy is always made from matt chrome.

ECOLINO GRANDE Height adjustable

The domed glass shade of ECOLINO GRANDE is bent from flat glass using a special process. It characterises the luminaire and ensures generous lighting. The light satin finish on the glass gently refracts the light and immerses the room in a soft light. The ECOLINO GRANDE pendant luminaire can be set to any height using the integrated counterweight.

Design: Ralf Keferstein





CANOPY



The colour of the canopy and luminaire head always match.

PENDANT LUMINAIRES

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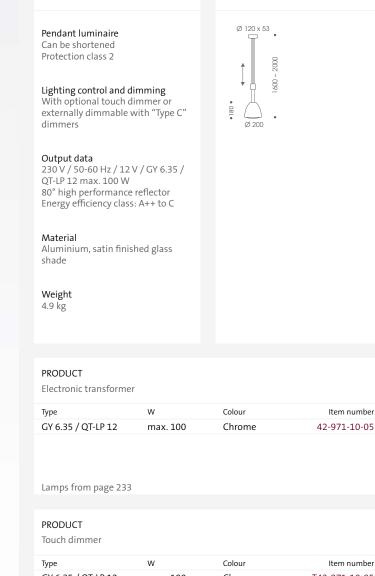
Luminaire family

TECHNICAL INFORMATION

GATSBY Height adjustable

The elegant aluminium head of the GATSBY pendant luminaire is finished in a laborious manufacturing process and shines with a high quality chrome surface. The lamp sits behind a satin finished glass shade which, in combination with an 80° high performance reflector, guarantees homogeneous light distribution. In the model with touch dimmer, touching the cables triggers switching or dimming. GATSBY has been awarded multiple design prizes.

Design: Ralf Keferstein



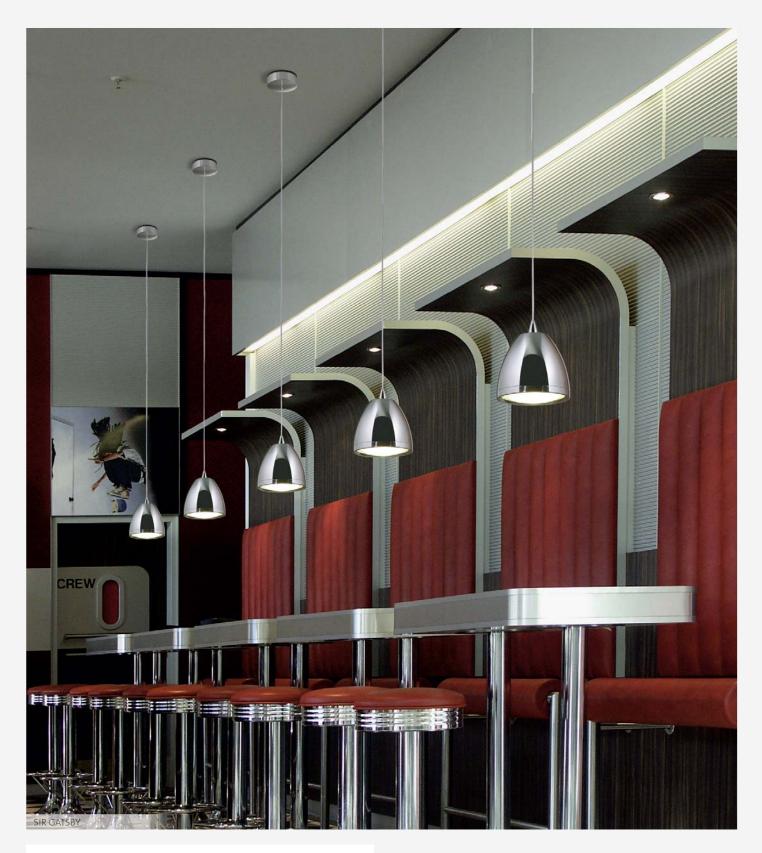
Туре	W	Colour	Item number
GY 6.35 / QT-LP 12	max. 100	Chrome	T42-971-10-05

Lamps from page 233

FEATURES



Honorary prize for product design from the state of North Rhine-Westphalia



CANOPY



The colour of the canopy and luminaire head always match.

SIR GATSBY

The elegant aluminium head of the SIR GATSBY pendant luminaire is finished in a laborious manufacturing process and shines with a high quality chrome surface. The lamp sits behind a satin finished glass shade which, in combination with an 80° high performance reflector, guarantees homogeneous light distribution. SIR GATSBY is also available as the GATSBY ceiling luminaire.

Design: Ralf Keferstein



FEATURES

Pendant luminaire Can be shortened Protection class 1

Lighting control and dimming Externally dimmable with "Type R" dimmers

Output data

230 V / QT 18 / B15d max. 100 W 80° high performance reflector Energy efficiency class: A+ to D

Material Aluminium, satin finished glass shade

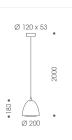
Weight 2.8 kg

Luminaire family

ECO READ'

Page 97

TECHNICAL INFORMATION



Special length

Suspension cable up to 5 m available upon request

PRODUCT

Туре	W	Colour	Item number
QT 18 / B15d	max. 100	Chrome	42-971-20-05



CANOPY



The colour of the canopy and luminaire head always match.

CHEEK

Among other things, the classically-shaped CHEEK LED pendant luminaire stands out with a subtle height adjustment option which manages without any counterweight. The 1,600 or 2,400 lumen light output provides outstanding lighting for the table. CHEEK is equipped with the innovative and award-winning touchless gesture control. You can switch and dim the luminaire using simple hand movements underneath it.

Design: Klaus Werlich

DIMMER LED



FEATURES

Pendant luminaire Height adjustable Can be shortened Protection class 1

Lighting control and dimming Touchless control Memory function Not externally dimmable

Output data

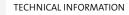
100-240 V / 50-60 Hz / 24 V DC / LED / CRI> 85 880 mm: 2700 K / 1500 lm or 3000 K / 1600 lm / 30 W 1280 mm: 2700 K / 2250 lm or 3000 K / 2400 lm / 45 W Energy efficiency class: A

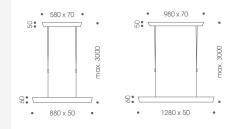
Material

Metal, acrylic glass

Weight 5.0 / 7.7 kg

Colour / surface Brushed aluminium faces, chrome interior





Special length Suspension cable up

to 5 m available upon request

Light distribution See page 258

PRODUCT

Туре	lm	К	W	Length (mm)	Item number
LED	1500	2700	30	880	G42-894-10-12
LED	1600	3000	30	880	G42-894-12-12
LED	2250	2700	45	1280	G42-894-11-12
LED	2400	3000	45	1280	G42-894-13-12

THE LISGO AND LISGO SKY LUMINAIRE FAMILIES

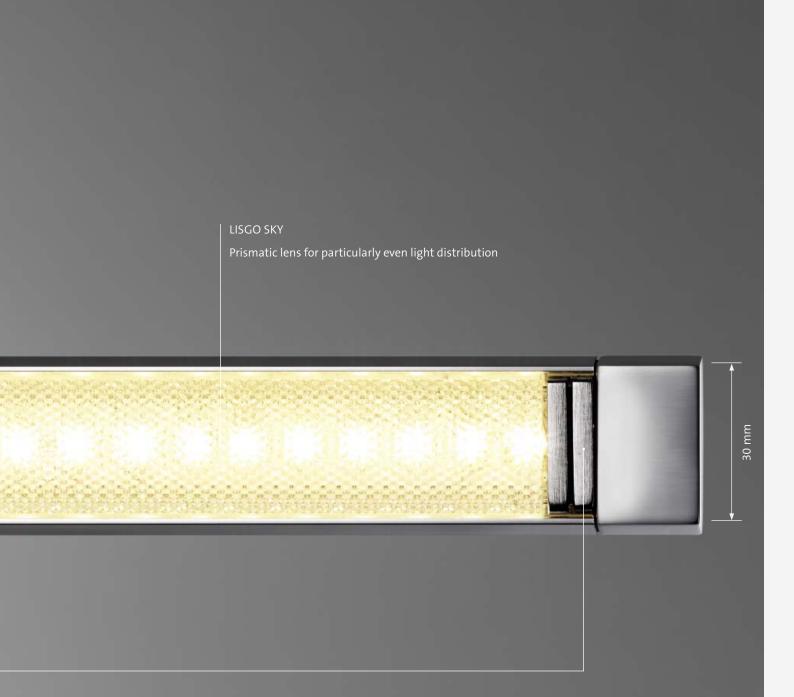
SIMPLE BEAUTY

The LISGO and LISGO SKY luminaire families differ in their lighting construction. While a few high performance spot LEDS provide brightness in the LISGO family, the light in the LISGO SKY variant is distributed evenly across the tabletop using a prismatic lens. Both variants are conveniently height adjustable and dimmable.

> LISGO High performance spot LEDs

SENSOR SURFACE WITH MEMORY FUNCTION

The light intensity can be controlled as desired by touching the sensor surface. The light brightness value last used is saved.







LISGO SKY SHORT

LISGO SKY SHORT is a subtle lighting solution for smaller tabletops. It is suitable for use in a residential environment as well as for decorative public interiors. The elegantly curved luminaire body lights the tabletop homogeneously. The subtle counterweight allows for continuous height adjustment. The luminaire is equipped with an integrated touch dimmer including memory function and is available in a choice of five modern shades as well as in chrome. The colour of the ceiling canopy and the counterweight always matches the colour of the body.

Design: OLIGO



FEATURES

Pendant luminaire Height adjustable Can be shortened Protection class 1

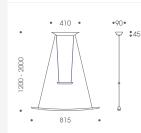
Lighting control and dimming Integrated touch dimmer Memory function Not externally dimmable

Output data 100-240 V / 50-60 Hz / 24V DC / LED / 2700 or 3000 K / 1500 lm / 16,3 W / CRI >80

W / CRI >80 Energy efficiency class: A+

Material Metal, acrylic glass

TECHNICAL INFORMATION



Weight 2.3 kg

Special length Suspension cable up to 5 m available upon request

Light distribution See page 258

PRODUCT 2700 K

Туре	lm	К	W	Colour	Item number
LED	1500	2700	16.3	Chrome	T42-887-30-05
				Matt white	T42-887-30-21
				Matt grey	T42-887-30-45
				Matt black	T42-887-30-23
				Matt red	T42-887-30-25
				Champagne	T42-887-30-42

PRODUCT

3000 K

Туре	lm	К	W	Colour	Item number
LED	1500	3000	16.3	Chrome	T42-887-31-05
				Matt white	T42-887-31-21
				Matt grey	T42-887-31-45
				Matt black	T42-887-31-23
				Matt red	T42-887-31-25
				Champagne	T42-887-31-42



LISGO SHORT

The elegant, height adjustable LISGO SHORT LED pendant luminaire manages without a visually disruptive cable. The slim, slightly curved aluminium body is supplied with electricity via the ceiling unit and the integrated wire suspension. LISGO SHORT is perfect for the dining table at up to 160 centimetres long. Its warm white light creates an atmospheric, glare-free island of light. The luminaire is equipped with an integrated touch dimmer including memory function.

Design: OLIGO



FEATURES

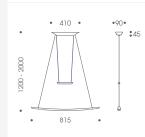
Pendant luminaire Height adjustable Can be shortened Protection class 1

Lighting control and dimming Integrated touch dimmer Memory function Not externally dimmable

Output data 100-240 V / 50-60 Hz / 24V DC / LED / 3000 K / 800 Im / 15 W / CRI >80 Energy efficiency class: A

Material Metal

TECHNICAL INFORMATION



Weight 2.3 kg

Special length Suspension cable up to 5 m available upon request

Light distribution See page 258

PRODUCT

Туре	Im	к	W	Colour	Item number
LED	800	3000	15	Chrome	T42-899-15-05

CANOPY



The colour of the canopy and luminaire head always match.



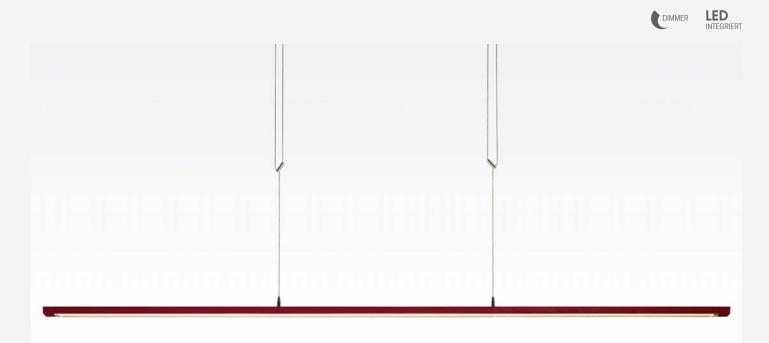
LISGO SKY STRAIGHT

CANOPY		COLOURS				
	The colour of the canopy and luminaire head always match.	-	la la		1	
		Chrome	Matt white	Matt grey	Matt black	Champagne

LISGO SKY STRAIGHT

THE LISGO SKY STRAIGHT LED pendant luminaire is suitable for private living spaces and decorative public interiors. Innovative prism technology provides homogeneous lighting for larger tabletops. The subtle height adjustment manages without a counterweight. The luminaire body is available in five muted shades as well as in chrome, whereby the ceiling canopy always matches the colour of the luminaire. The brightness is gently dimmed with a longer touch. The settings are saved when the luminaire is switched off.

Design: OLIGO



FEATURES

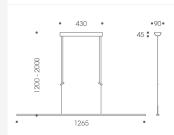
Pendant luminaire Height adjustable Can be shortened Protection class 1

Lighting control and dimming Integrated touch dimmer Memory function Not externally dimmable

Output data 120-277 V / 50-60 Hz / 24 V DC / LED / 2700 or 3000 K / 2950 lm / 32 W / CRI >80 Energy efficiency class: A+

Material Metal, acrylic glass

TECHNICAL INFORMATION



Weight 2.3 kg

Special length Suspension cable up to 5 m available upon request

Light distribution See page 258

PRODUCT

2700 K

Туре	Im	К	W	Colour	Item number
LED	2950	2700	32	Chrome	T42-887-40-05
				Matt white	T42-887-40-21
				Matt grey	T42-887-40-45
				Matt black	T42-887-40-23
				Matt red	T42-887-40-25
				Champagne	T42-887-40-42

PRODUCT

3000 K

Туре	lm	К	W	Colour	Item number
LED	2950	3000	32	Chrome	T42-887-41-05
				Matt white	T42-887-41-21
				Matt grey	T42-887-41-45
				Matt black	T42-887-41-23
				Matt red	T42-887-41-25
				Champagne	T42-887-41-42



LISGO STRAIGHT

The LISGO STRAIGHT LED pendant light appears elegant and majestic. Its functionality convinces with efficient LED technology and it is ideal for providing even light for larger tabletops. An integrated touch dimmer with memory function allows for convenient switching and dimming.

Design: OLIGO

DIMMER

LED



FEATURES

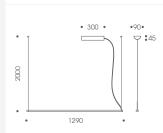
Pendant luminaire Can be shortened Protection class 1

Lighting control and dimming Integrated touch dimmer Memory function Not externally dimmable

Output data 100-240 V / 50-60 Hz / 24 V DC / LED / 3000 K / 1650 Im / 30 W / CRI >80 Energy efficiency class: A

Material Metal

TECHNICAL INFORMATION



Weight 2.3 kg

Special length Suspension cable up to 5 m available upon request

Light distribution See page 258

Type Im K W Colour Item number LED 1650 3000 30 Chrome T42-899-16-05

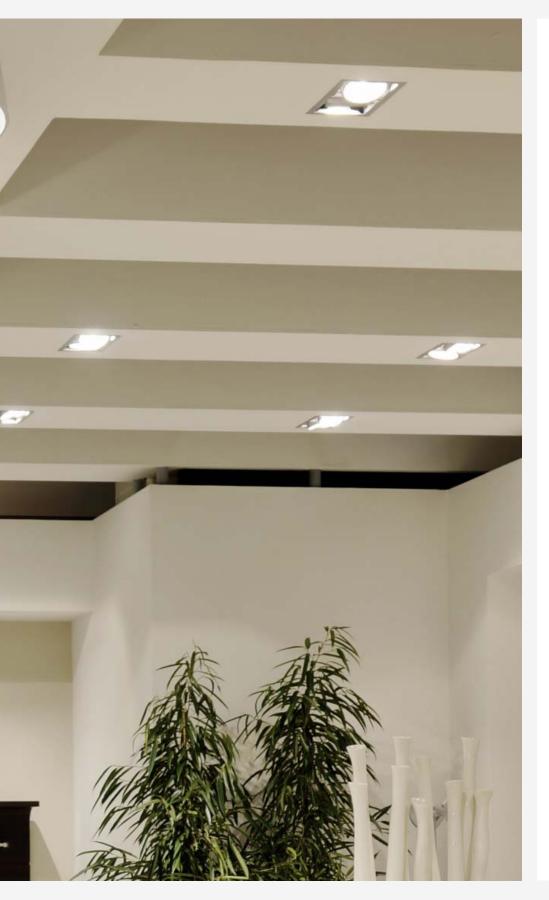
CANOPY



The colour of the canopy and luminaire head always match.

EBBYGO





EBBYGO — DESIGNED WITH ATTENTION TO DE-TAIL

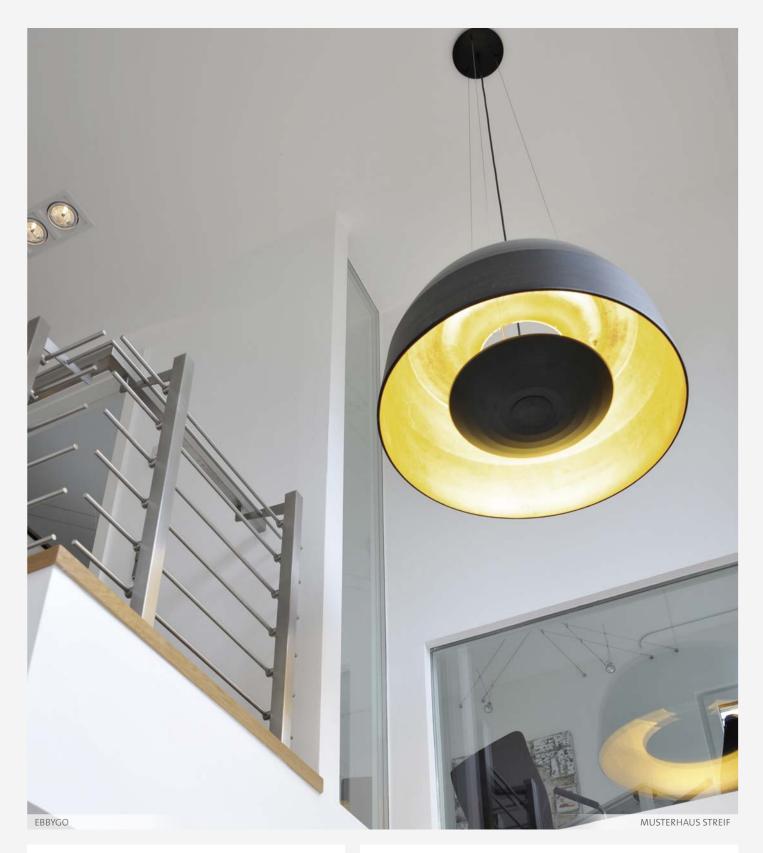
The elegant surfaces of the EBBYGO large-scale luminaire are almost exclusively the result of craftsmanship. Each luminaire is therefore a unique piece with individual notes.



The astonishingly real looking concrete effect is the result of multiple work steps. To make them, a light, mineral composite material is applied to the lamp shade in multiple layers by hand and artfully polished.



EBBYGO is also available as a variant with a gold leaf look. The success of this elegant surface essentially depends on the layer structure underneath. Each work piece must first be polished and primed by hand. Only then can the delicate work of gilding be carried out.



CANOPY COLOURS





SHADE COLOURS



Matt white / Matt white



/ Matt black Gold leaf

Concrete texture / Matt white

EBBYGO

The EBBYGO large-scale luminaire stands out with its enchanting light effect and efficient lighting technology. The combination of the different reflector and surface characteristics offers a high degree of design freedom. While the reflector finished with a gold leaf look generates very warm and cosy light, the white coated variant ensures a high light output.

The proportion of direct and indirect light can be regulated and optimally adjusted to suit individual requirements thanks to the continuous height adjustment of the inverted reflector inside the luminaire. The colour of the canopy always matches the colour of the luminaire shade. The concrete texture variant is provided with a white canopy.

The model of the luminaire with the E 27 setting is suitable for the use of LED retrofits and fulfils the current requirements for an energy-efficient lighting solution.

Design: OLIGO



FEATURES

Pendant luminaire Can be shortened Non-dimmable Protection class 1

Output data 230 V / 50-60 Hz / 2GX13 / T16R 55 and 22 W Energy efficiency class: A+ to B

230 V / 3x E 27 / Retrofit or CFL max. 24 W Energy efficiency class: A++ to E

Material Aluminium

Weight 10.0 kg

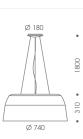


LED

READY

ESL

READ



Special length Available upon request

PRODUCT

1x T16R 55 W and 1x T16R 22 W

Туре	W	Exterior shade	Interior shade	Item number
2GX13/T16R	55 + 22	Matt white	Matt white	42-897-10-21/21
		Matt black	Gold leaf	42-897-10-23/10
		Concrete texture	Matt white	42-897-10-70/21

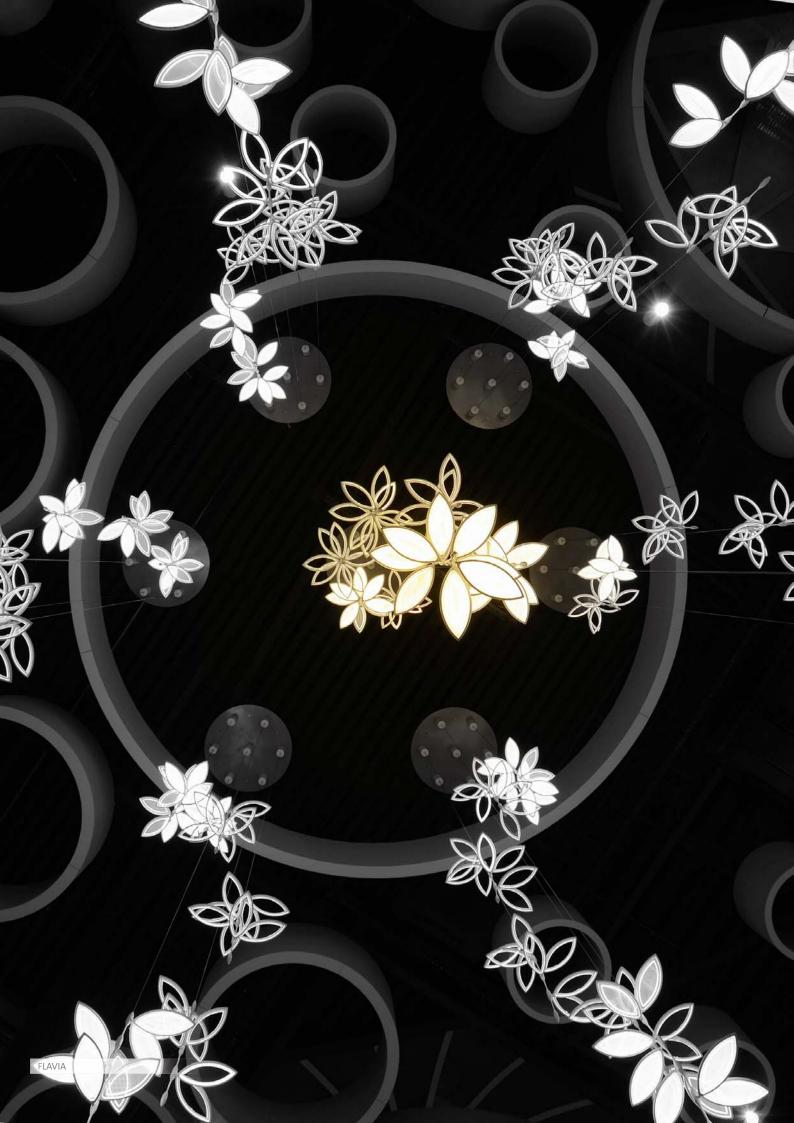
Lamps from page 233

PRODUCT

3x E 27 / LED Retrofit or 3x E 27 / ESL TC-TSE max. 24 W

Туре	W	Exterior shade	Interior shade	Item number
E 27 /	3x max. 24	Matt white	Matt white	42-897-12-21/21
LED or ESL		Matt black	Gold leaf	42-897-12-23/10
		Concrete texture	Matt white	42-897-12-70/21

Lamps from page 233



LIGHT OBJECTS PLAYFULLY CREATE A FASCINATING ATMOSPHERE.

ative character which can be planned individually. They unfold their fascinating effect in entrance areas as well as in stairwells or foyers, for example.

With their poetic design, they are an invitation to engage with fascinating plays of light and the related moods and atmospheres.

The light object desired is often as individual as the construction

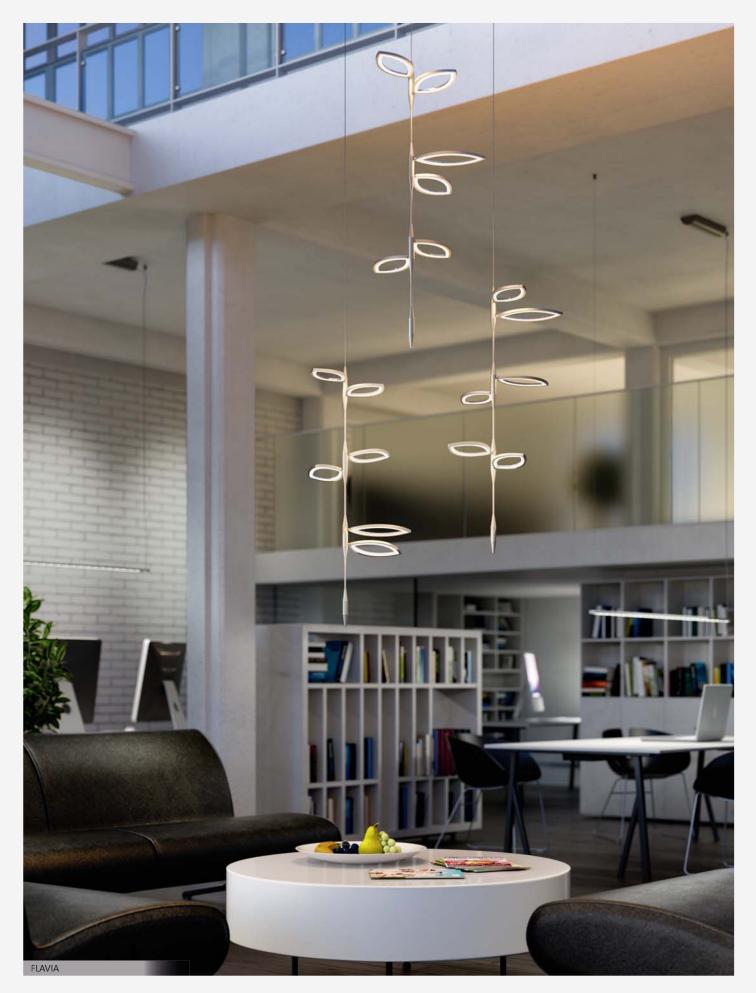
Light objects from OLIGO are delicate luminaires with represent- project. We are happy to undertake lighting planning for your project.

> CONTENTS PAGE FLAVIA light object 191 199 **BEL-AIR light object** 233 Lamps

FLAVIA







FLAVIA

FLAVIA is a delicate LED light object with innovative design and unique light effect. It is available as a set with three or four light elements.

The individual light element consists of two leaves and, with the closed prismatic lens, has a light output of 400 lumen with a power consumption of 9.6 watt. For the smallest light object with six leaves, this results in a light output of 1200 lumen. The option of rotating the individual leaves through 180° opens up a wide variety of alternatives in shape and lighting design.

Due to multiple hanging, there is an almost unlimited range of combinations which creates the impression of a shining forest of leaves.

Alongside the standard model in the colours of matt chrome, matt white, matt grey and matt red, other property-based tones are available upon request.

FLAVIA is suitable for both the modern living space and the challenging project. The versatility allows for installation in stairwells, in bay windows, or over tables and counters. OLIGO is happy to undertake the individual planning for you.

Design: Ottenwälder und Ottenwälder





FLAVIA Open, closed or translucent prismatic lenses

The FLAVIA light object is available with different prismatic lenses. The actual light source remains invisible with the open as well as the closed and the translucent prismatic lenses.

The prismatic lens is made from a special acrylic glass which decouples the light, introduced from the side, evenly across the surface. The direct light content is shielded.

The sets with different prismatic lenses can be combined with one another and produce other appealing variants.





OPEN PRISMATIC LENS

The individual leaf appears in the form of a light contour. The inner contour is equipped with high gloss film which covers the LED light source.



The closed prismatic lens has a groove worked into both sides which runs parallel to the outer edge and subtly traces the shape of the leaf.

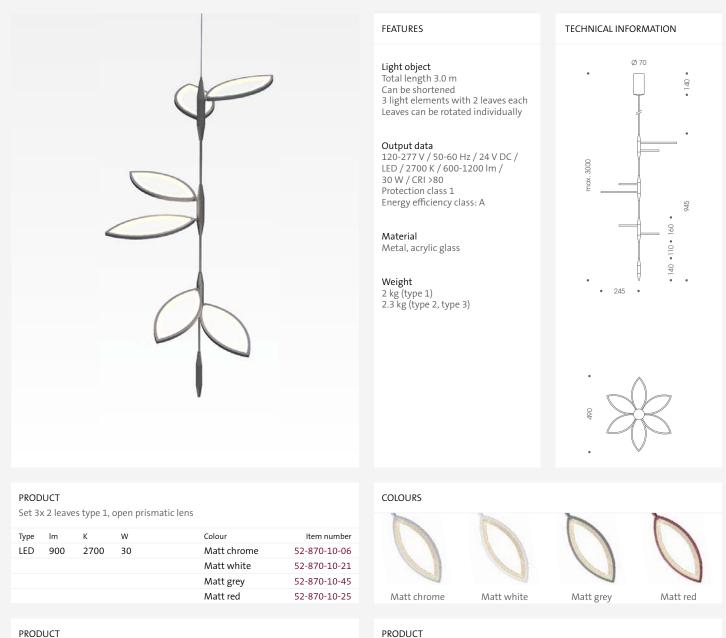


TRANSLUCENT PRISMATIC LENS

The entire leaf surface is made from acrylic glass which appears transparent when the light object is switched off. When switched on, it shines as a homogeneous light surface.

FLAVIA Set with three light elements

The light object is available as a set with three light elements. The individual light element consists of two leaves and, with the closed prismatic lens, has a light output of 400 lumen with a power consumption of 9.6 watt. For a light object with six leaves, this results in a light output of 1200 lumen. The cable length can be shortened individually.



Set 3x 2 leaves type 3, translucent prismatic lens

w

30

Colour

Matt chrome

Matt white

Matt grey

Matt red

Im

600

Туре LED К

2700

PRODUCT

Set 3x 2 leaves type 2, closed prismatic lens

Туре	lm	К	W	Colour	Item number
LED	1200	2700	30	Matt chrome	52-870-11-06
				Matt white	52-870-11-21
				Matt grey	52-870-11-45
				Matt red	52-870-11-25

Item number

52-870-12-06

52-870-12-21

52-870-12-45

52-870-12-25

FLAVIA Set with four light elements

In the larger variant, a set comprises four light elements. The individual light element consists of two leaves and, with the closed prismatic lens, has a light output of 400 lumen with a power consumption of 9.6 watt. For a light object with eight leaves, this results in a light output of 1600 lumen. The cable length can be shortened individually.



FEATURES TECHNICAL INFORMATION Ø 70 Light object . Total length 3.4 m Can be shortened 250 4 light elements with 2 leaves each Leaves can be rotated individually Output data U0-240 V / 50-60 Hz / 24 V DC / LED / 2700 K / 800-1600 lm / 40 W / CRI >80 3400 Protection class 1 max. Energy efficiency class: A Material 1215 Metal, acrylic glass Weight 09[2.6 kg (type 1) •110 • 3.1 kg (type 2, type 3) 140 245 COLOURS

PRODUCT

Set 4x 2 leaves type 1, open prismatic lens

Туре	lm	К	W	Colour	Item number
LED	1200	2700	40	Matt chrome	52-870-20-06
				Matt white	52-870-20-21
				Matt grey	52-870-20-45
				Matt red	52-870-20-25

PRODUCT

Set 4x 2 leaves type 2, closed prismatic lens

Туре	Im	К	W	Colour	Item number
LED	1600	2700	40	Matt chrome	52-870-21-06
				Matt white	52-870-21-21
				Matt grey	52-870-21-45
				Matt red	52-870-21-25







Matt white

Matt grey

Matt red

PRODUCT

Set 4x 2 leaves type 3, translucent prismatic lens

Туре	lm	К	W	Colour	Item number
LED	800	2700	40	Matt chrome	52-870-22-06
				Matt white	52-870-22-21
				Matt grey	52-870-22-45
				Matt red	52-870-22-25

BEL-AIR







BEL-AIR

BEL-AIR is a modularly constructed light art object with a unique look. The suspended structure is an expressive "eye-catcher" and, at the same time, is a sophisticated functional luminaire for modern and even traditional architecture.

The metal discs of the BEL-AIR are hand-made and are given a coating which looks like gold leaf or silver leaf.

The TUBE-L suspended in the structure focuses the light, glare-free, against the domed and vibrant looking surfaces of the discs. The tube of the TUBE-L uplight / downlight is made from aluminium and is given a special rust-coloured varnish. In order to change the two high performance 12 V multi mirror lamps, two segments of the luminaire can be removed.

Moreover, BEL-AIR can also be put together individually with threepart discs lit from the inside. Two glass shades can be combined together with the triple ELECTRIC UNIT to form the glowing DISK-L disc.

Choose a ready assembled set or put your own BEL-AIR light object together.

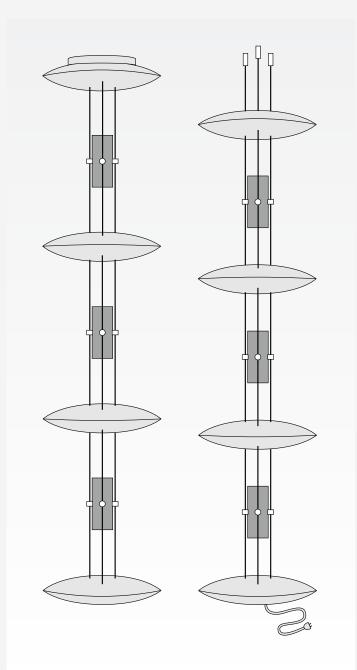
Design: Michael Kleinhenn / Ralf Keferstein





BEL-AIR with metal discs and light tube elements as a dimmable set

One set comprises 3 DISK-M reflection discs (gold leaf or silver leaf) and 3 TUBE-L light tubes (rust coloured). For different forms of installation, an externally dimmable ceiling transformer or a suspension with floor transformer and integrated sliding dimmer are available. The maximum permissible length of the light object is 2.5 m.



Set with ceiling transformer.

Set with floor transformer.

FEATURES

Light object Can be shortened Protection class 1

Ceiling transformer version: Externally dimmable with "Type L, C" dimmers Floor transformer version: Includes 3 m of cable and a sliding dimmer

Output data

230 V / 50-60 Hz / 12 V / 225 VA Cable diameter 6 mm² Energy efficiency class: A+ to C

Material Metal

Weight

Ceiling transformer version: 15 kg Floor transformer version: 16.5 kg

PRODUCT

Set with ceiling transformer

Туре	W	Colour	Item number
GU 5.3 / QR-CBC 51	6x max. 35	Gold leaf / rust	52-915-91-10
		Silver leaf / rust	52-915-91-07

Lamps from page 233

PRODUCT

Set with floor transformer

Туре	W	Colour	Item number
GU 5.3 / QR-CBC 51	6x max. 35	Gold leaf / rust	52-915-90-10
		Silver leaf / rust	52-915-90-07

Lamps from page 233

TECHNICAL INFORMATION

DIMMER

Installation Maximum permissible length of the light object 2.5 m

BEL-AIR with metal discs and light tube elements for individual assembly



There are a variety of components available for individual planning of the light object with DISK-M metal discs and TUBE-L light tube elements.

Depending on the configuration on the system, the power is supplied directly to the ceiling transformer (BASIC 1) or via the cable connection to the floor transformer (BASIC FLOOR).

This results in the following configuration options:

BASIC 1 ceiling transformer: 1x to 7x TUBE-L with 1x to 7x DISK-M

BASIC FLOOR floor transformer with BASIC 2 suspension: 1x to 3x TUBE-L with 1x to 3x DISK-M

Planning examples with BASIC 1 ceiling transformer:



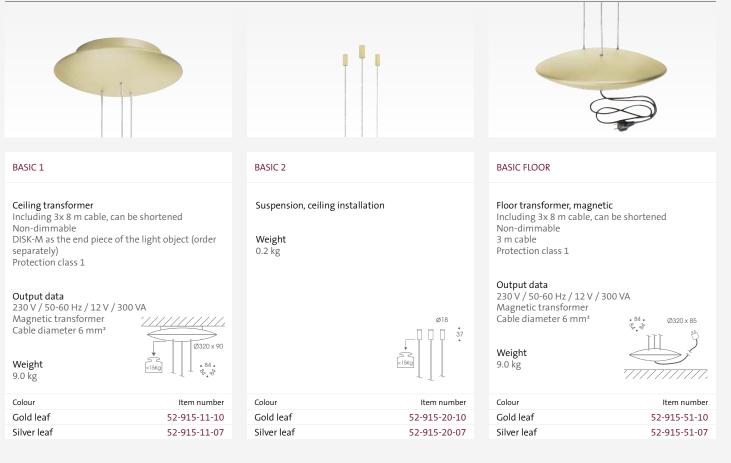
3x TUBE-L 3x DISK-M

Special configurations can be realised upon request.

7x TUBE-L

7x DISK-M

BEL-AIR COMPONENTS



BEL-AIR COMPONENTS



TUBE-L

Light tube Uplight / downlight

Weight

0.5 kg

Output data 12 V / GU 5.3 / 2x QR-CBC 51 max. 35 W Energy efficiency class: A+ to C

Cable guide colour	Light tube colour	Item number
Gold leaf	Rust	52-915-30-13
Silver leaf	Rust	52-915-31-13

Lamps from page 233



DISK-M

Reflection and end disc

Weight 1.5 kg

150





Colour Item number Gold leaf 52-915-40-10 Silver leaf 52-915-40-07

BEL-AIR with glass discs lit from the inside for individual assembly



There are a variety of components available for individual planning of the light object with DISK-L glass discs lit from within.

Depending on the configuration on the system, the power is supplied directly to the ceiling transformer (BASIC 1) or via the cable connection to the floor transformer (BASIC FLOOR).

This results in the following configuration options:

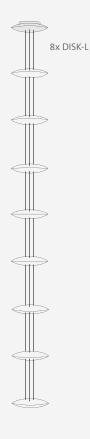
BASIC 1 ceiling transformer: 1x to 10x DISK-L

BASIC FLOOR floor transformer with BASIC 2 suspension: 1x to 6x DISK-L

Planning examples with BASIC 1 ceiling transformer:

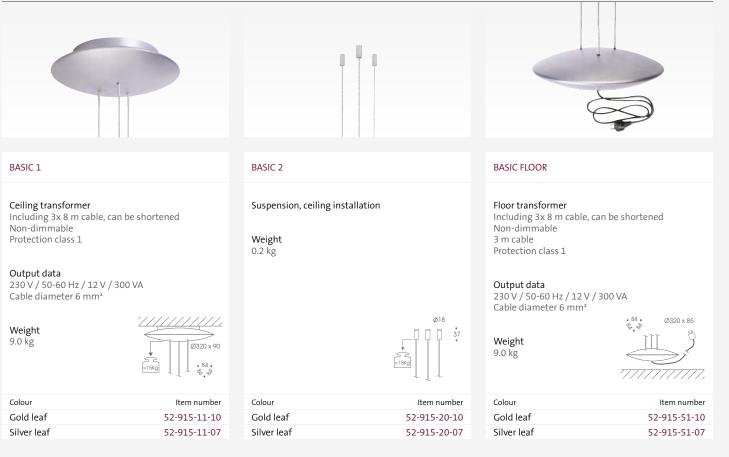
1x DISK-L





Special configurations can be realised upon request.

BEL-AIR COMPONENTS



BEL-AIR COMPONENTS





DISK-L

Light disc Consisting of 1x ELECTRIC UNIT and 2x GLASS

Consisting of 1x ELECTRIC UNIT and 2x GLAS DISH each (order separately)



ELECTRIC UNIT

Output data 12 V / G 4 / 3x QT-LP 9 max. 20 W Energy efficiency class: A++ to E



GLASS DISH

Glass shade Please order 1x each for the top and bottom.

Cable guide colour	Disc colour	Item number
Gold leaf	Rust	52-915-60-13
Silver leaf	Rust	52-915-61-13

Colour	Item number
Matt white	52-915-70-21

Lamps from page 233



FLOOR AND TABLE LUMINAIRES READING AND WORKING IN THE RIGHT LIGHT.

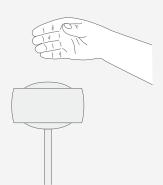
Floor and table luminaires from OLIGO are characterised by their versatile design and their technically virtuoso functionality. As graceful companions, they complete interior design, are always on hand and provide optimal light for reading or working.

Brightness, brilliance and colour reproduction are as important here as the ability to direct the light flexibly. Refined practical details like touch dimmers or gesture control allow for optimal usability within reach.

CONTENTS	PAGE
Floor and table luminaires	213
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FLOOR AND TABLE LUMINAIRES CONTROL THE LIGHT CONVENIENTLY.

Energy efficiency, maximum flexibility, no visible cables as far as possible and intelligent sensor technology characterises modern lighting in living space and property. Table and floor luminaires from OLIGO can be intuitively switched and dimmed in a wide variety of ways.





GESTURE CONTROL

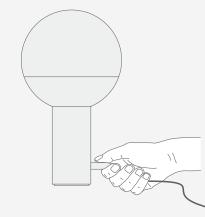
A subtle hand movement is enough to control the light. Touchless gesture control makes switching and dimming luminaires an almost magical experience and underlines the high level of innovation in OLIGO luminaires.

Within a detection area of 10 centimetres, a sensor detects the direction of movement and position of the hand. The luminaire can be switched on or off using a hand movement near the sensor. If the hand lingers over the sensor for a longer time, the dimmer function is activated.



A subtle button, skilfully integrated into the lighting design, serves as a functional control element. Mounted in a readily accessible position and easy to operate, dimmer buttons allow for continuous dimming and switching of the luminaires.

A short press of the button turns the luminaires on and off. If you hold the dimmer button pressed for a longer time, the luminaires dim continuously up and down. The integrated memory function recalls the last selected dimming level when the luminaires are turned on.



TOUCH DIMMER

With this intuitive form of light control, the brightness of the lu- The Light Stick on the KUULA table luminaire is a form of rotary minaire is controlled simply by touching the sensor surface or the luminaire housing.

Switching on and off is done with a brief touch, continuous dimming is done by leaving your hand on the sensor surface for longer. The slightest difference in potential between the luminaire and the person touching it leads to a switching action. The integrated memory function recalls the last selected dimming level when the luminaires are turned on.

LIGHT STICK

dimmer which is intuitive to use. A quick turn to the left or right turns the light on or off. If you hold the Light stick in one direction or the other for a few seconds then the luminaire dims up or down accordingly.

The integrated memory function ensures that the last brightness used is called up again when the lamp is switched back on.





FLOOR AND TABLE LUMINAIRES **OVERVIEW**

LED LUMINAIRES



KELVEEN Page 213

GRACE Page 217

UPDATE





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TROFEO Page 227

NEW





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LUMINAIRES WITH CONVENTIONAL FITTINGS

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oligo



KELVEEN

The KELVEEN table and floor luminaires combine high performance LED technology with lighting comfort and aesthetics. State-ofthe-art optical components and a continuously dimmable 1,000 lumen create the best visual comfort in the workplace. Ball joints in the base and shade of the luminaires ensure easy adjustment. No visible cables disrupt the minimalist look since the power supply runs through the luminaire arm. The table luminaire is easy to control using a dimmer button, while the floor luminaire has a touch dimmer on the stand. The high quality luminaire head made from aluminium ensures balanced thermal management with long-term operating safety for the integrated LED.

Design: OLIGO



PRODUCT

Table luminaire

Туре	lm	К	W	Colour	Item number
LED	1000	2700	15.8	Matt white	45-869-11-21*
				Graphite	45-869-11-11*
				Matt black	45-869-11-23 *
LED	1000	3000	15.8	Matt white	45-869-10-21*
				Graphite	45-869-10-11*
				Matt black	45-869-10-23 *

FEATURES

Table luminaire / floor luminaire Adjustable on multiple axes 90° glass lens 3.0 m cable Protection class 2

Lighting control and dimming Table luminaire: Dimmer button Floor luminaire: Touch dimmer Memory function

Output data

LOO-240 V / 50-60 Hz / 24 V DC / LED / 2700 or 3000 K / 1000 lm / 15.8 W / CRI >80 Energy efficiency class: A

Material Metal, glass

COLOURS







PRODUCT

Floor luminaire

Туре	lm	К	W	Colour	Item number
LED	1000	2700	15.8	Matt white	T44-869-11-21*
				Graphite	T44-869-11-11*
				Matt black	T44-869-11-23 *
LED	1000	3000	15.8	Matt white	T44-869-10-21*
				Graphite	T44-869-10-11*
				Matt black	T44-869-10-23*

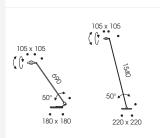


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TECHNICAL INFORMATION

Luminaire family



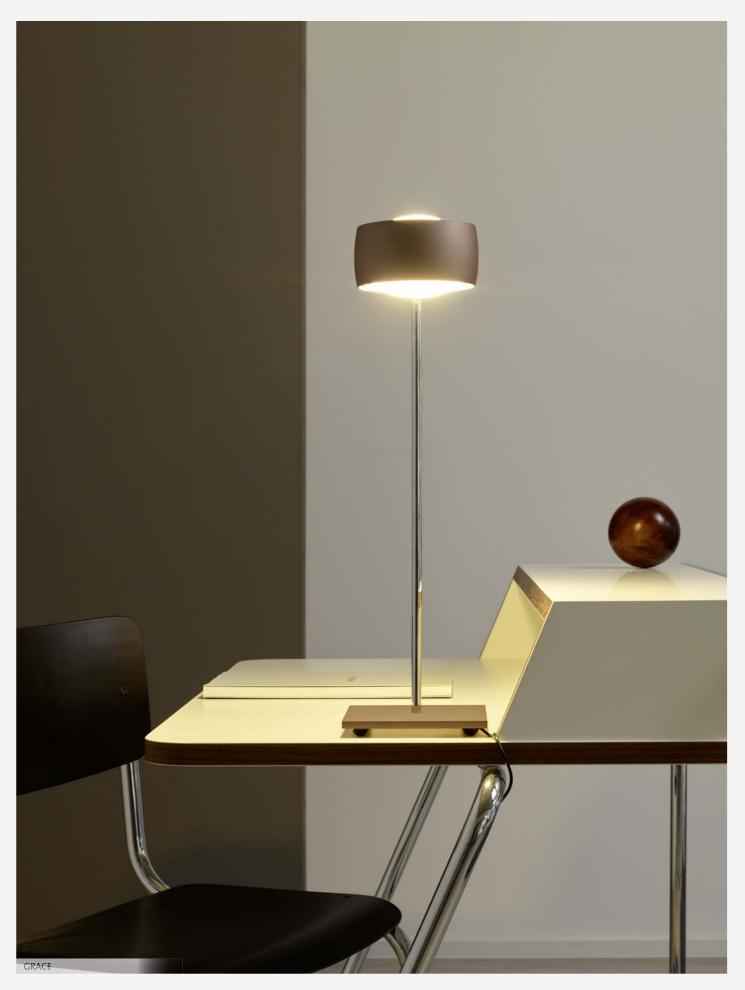
Light distribution See page 258

* New in the range

GRACE







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DIMMER

TECHNICAL INFORMATION

Ø 130

• 200 •

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1500

Page 149

LED

INTEGRIERT

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520

Light distribution

See page 258

GRACE

Timeless GRACE numbers among the classics of decorative luminaires worldwide. The floor or table luminaire model is superbly suited to showcase seating areas, consoles or side tables. The two lenticular, satin finished shades are surrounded by a circular luminaire head and ensure even, glare-free illumination. Floor and table luminaires can be dimmed using the innovative, touchless gesture control. The luminaire family also includes wall and pendant luminaires in the same design.

Design: Ralf Keferstein, Reworking into floor / table luminaire: OLIGO



PRODUCT

LED table luminaire with touchless control

Туре	lm	К	W	Colour	Item number
LED	1300	2700	18	Chrome	G45-931-10-05
				Brushed aluminium	G45-931-10-12
				Matt gold	G45-931-10-09
				Bright white	G45-931-10-20
				Satin copper	G45-931-10-15 *
				Brazilian brown	G45-931-10-41*
				Espresso	G45-931-10-48*
				Purple grey	G45-931-10-49*

FEATURES

Table luminaire / floor luminaire Uplight/downlight 1.5 m cable Protection class 2

Luminaire family

Lighting control and dimming Touchless control Memory function

Output data 230 V AC / 24 V DC / LED / 2700 K / 1300 lm / 18 W / CRI >80 Energy efficiency class: A

Material Metal, glass, acrylic glass

COLOURS



PRODUCT

LED floor luminaire with touchless control

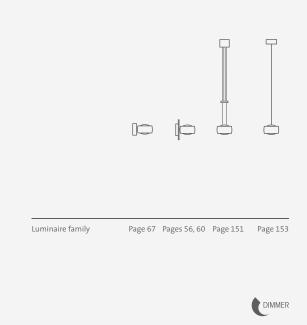
Туре	lm	К	W	Colour	Item number
LED	1300	2700	18	Chrome	G44-931-10-05
				Brushed aluminium	G44-931-10-12
				Matt gold	G44-931-10-09
				Bright white	G44-931-10-20
				Satin copper	G44-931-10-15 *
				Brazilian brown	G44-931-10-41*
				Espresso	G44-931-10-48 *
				Purple grey	G44-931-10-49*



GRACE Halogen

Timeless GRACE numbers among the classics of decorative luminaires worldwide. The floor or table luminaire model is superbly suited to showcase seating areas, consoles or side tables. The two lenticular, satin finished shades are surrounded by a circular luminaire head and ensure even, glare-free illumination. Floor and table luminaires can be controlled using a touch dimmer. The luminaire family also includes wall and pendant luminaires in the same design.

Design: Ralf Keferstein, Reworking into floor / table luminaire: OLIGO



TECHNICAL INFORMATION

Ø 130

• 145 •

520

Ø 130

• 200 •

.

1500



PRODUCT

Table luminaire with touch dimmer

Туре	W	Colour	Item number
GY 6.35 / QT-LP 12	max. 50	Chrome	T45-931-10-05
		Brushed aluminium	T45-931-10-12
		Matt gold	T45-931-10-09
		Bright white	T45-931-10-20
		Bright black	T45-931-10-22

Lamps from page 233

FEATURES

Table luminaire / floor luminaire Uplight/downlight 2.0 m cable Protection class 2

Lighting control and dimming Integrated touch dimmer Memory function

Output data 230 V / 50-60 Hz / 12 V / GY 6.35 / QT-LP 12 / max. 50 W Energy efficiency class: A++ to C

Material Metal, glass, acrylic glass

COLOURS









Bright white

Bright black

PRODUCT

Floor luminaire with touch dimmer

Туре	W	Colour	Item number
GY 6.35 / QT-LP 12	max. 50	Chrome	T44-931-10-05
		Brushed aluminium	T44-931-10-12
		Matt gold	T44-931-10-09
		Bright white	T44-931-10-20
		Bright black	T44-931-10-22

Lamps from page 233



TRINITY

The head of the TRINITY LED luminaire family comprises three segments which can be rotated separately from one another. The luminaire can be switched and dimmed using a button on the upper side of the head. The TRINITY LED luminaire family has been awarded multiple design prizes and also includes pendant and wall luminaires.

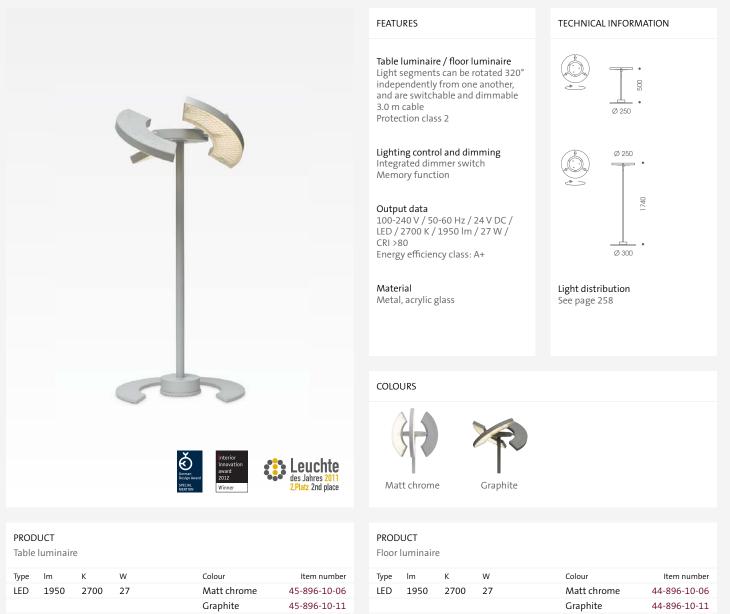
Design: EsserKnop Industriedesigner



Luminaire family Page 49 Page 141







A LITTLE BIT







A LITTLE BIT

The A LITTLE BIT LED floor and table luminaire is a flexible lighting solution in a slim format. The elegant luminaire head made from aluminium integrates a glass lens which can be focused between 20° and 60°. For harmonious light distribution, the high quality lens body has been finished separately with a texture on the inside. A dimmer button on the rear of the head allows for continuous adjustment of the brightness. It is saved using a memory function and is also retained after disconnection from the power supply. The flexible arm allows the luminaire head to be angled however you like. A LITTLE BIT is also available as a luminaire for wall mounting.

Design: OLIGO



PRODUCT

Table luminaire

Туре	Im	К	W	Colour	Item number
LED	360	3000	9	Chrome	45-898-12-23
				Matt chrome	45-898-22-23

FEATURES

Table luminaire / floor luminaire Focusable light output 20°-60° Flexible arm 2.5 m cable Protection class 2

Lighting control and dimming Integrated dimmer switch Memory function

Output data 220-240 V / 50-60 Hz / 12 V DC / LED / 3000 K / 360 Im / 9 W / 20 - 60° / CRI 85 Energy efficiency class: A

Material Metal, textile cover

COLOURS





Matt chrome

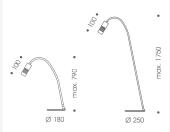
PRODUCT

Floor luminaire

Туре	lm	К	W	Head colour	Item number
LED	360	3000	9	Chrome	44-898-12-23
				Matt chrome	44-898-22-23

TECHNICAL INFORMATION

Luminaire family



DIMMER

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LED



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DIMMER

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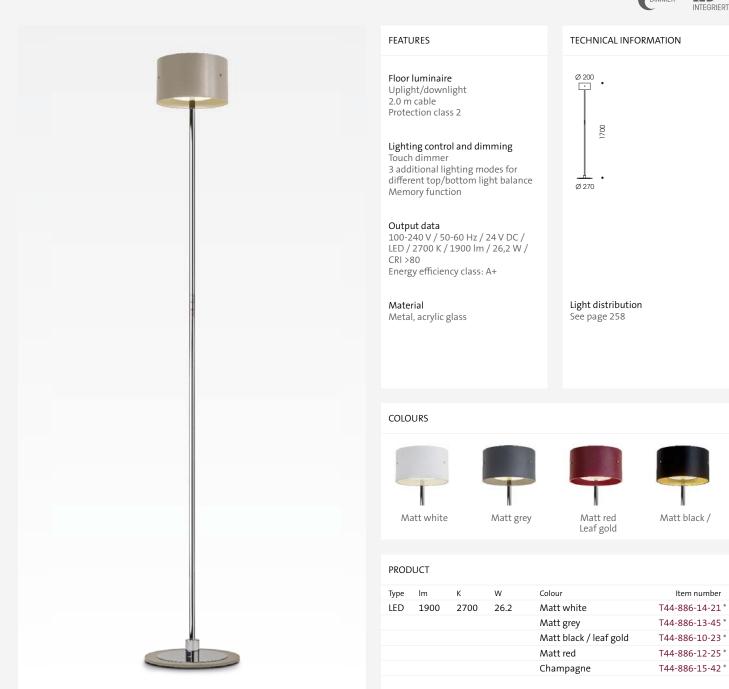
LED

Luminaire family

TROFEO

The TROFEO LED luminaire family stands out with sleek elegance and an excellent light scene. The LED modules, specifically designed for the luminaire, generate a warm white, evenly distributed light, refined through an elaborately coordinated prismatic lens. The unique light effect shows to particularly good advantage in the design finished with a leaf gold look. A touch dimmer on the stand of the luminaire allows for convenient switching and dimming. TROFEO is equally suitable for use in living spaces and for challenging property and is also available as an LED ceiling luminaire or pendant luminaire.

Design: OLIGO





KUULA

Together with the furniture manufacturer Thonet, OLIGO presents a luminaire which is characterised by an elegant and minimalistic design. The ball-shaped, hand-blown glass head on the graceful aluminium base is reminiscent of northern European windowsill luminaires and at the same time emits an aura of timeless Bauhaus design. The KUULA table luminaire is equipped with state-of-the-art lighting technology: with a considerable light output of 1,150 lumen, the energy-efficient LED ensures pleasant room lighting with warm white light. With the light stick on the base, the luminaire can be switched and dimmed playfully.

Design: Uli Budde



FEATURES

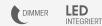
Table luminaire 3.0 m cable Protection class 2

Lighting control and dimming Integrated rotary dimmer Memory function

Output data

100-240 V / 50-60 Hz / 24 V DC / LED / 2700 or 3000 or 4000 K / 1150 lm / 13,4 W / CRI >80 Energy efficiency class: A+

Material Metal, glass



TECHNICAL INFORMATION

Ø 180 9 8 9 8 70
light distribution

See page 258

COLOURS





Matt black

PROD	UCT				
Туре	Im	к	W	Colour	ltem number
LED	1150	2700	13.4	Matt white	45-863-12-21*
				Matt black	45-863-12-23*
LED	1150	3000	13.4	Matt white	45-863-10-21*
				Matt black	45-863-10-23 *
LED	1150	4000	13.4	Matt white	45-863-11-21*
				Matt black	45-863-11-23*



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LED INTEGRIERT

JUST A LITTLE

The delicate and efficient JUST A LITTLE LED table luminaire is suitable for living spaces as well as for challenging projects. The flexible metal tube and the very even light scene make JUST A LITTLE a multi-functional and modern light source. It is also available in a variety of models as a decorative wall luminaire.

Design: OLIGO



FEATURES

Table luminaire Flexible arm Glass lens 1.5 m cable with switch Non-dimmable Protection class 2

Output data

240 V AC / 50 Hz / LED / 3000 K / 200 lm / 4 W / CRI >85 Energy efficiency class: A

Material Metal

TECHNICAL INFORMATION



Luminaire family

PRODUCT

Туре	lm	К	W	Item number
LED	200	3000	4	45-893-11-12



LAMPS AND ACCESSORIES

Information about the lamps listed in this chapter is correct at the time of printing. We reserve the right to use new lamps in the course of general technical developments in order to be able to provide our customers with the most suitable lamp in each case.

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Lamp accessories	243
Transformers and other accessories	246

12 VOLT LED RETROFIT

Low voltage LED lamp

LED READY

٧

v

12

12

Quality lamp from a well-known brand manufacturer.

К

К

2,700

5,700

2,700

5,700

3,000

Retrofit lamps are only compatible with lamp accessories (e.g. decorative rings) to a limited extent.

Beam angle

Beam angle

40°

40°

120°

120°

36°

Reliable dimming of retrofit lamps is dependent on the actual transformer/dimmer combination and should be checked on a case by case basis.

lm

lm

380

410

320

350

210





Length: 48 mm



Equivalent to G 53 / QR-LP 111

Equivalent to GU 5.3 / QR-C 51

Suitable for magnetic transformers.

Equivalent to GU 5.3 / QR-C 51

W

6

W

3.7

V	W	К	lm	Beam angle	Dimmable	CRI	EEC	Service life (h)	Item number
12 AC	10.5	3,000	800	24°	no	>80	A++	30,000	61-124-17-06
			800	40°	no	>80	A+	30.000	61-124-16-06

CRI

80

CRI

>80

>80

>80

>80

Dimmable

Dimmable

no

no

no

no

yes

EEC

A++

EEC

A++

A+

А

А

Service life (h)

Service life (h)

50,000

50,000

50,000

50,000

25,000

Item number

Item number

61-122-12-06

61-122-13-06

61-122-14-06

61-122-15-06

61-121-11-06

Compatible with decorative rings. Suitable for magnetic transformers.

Equiva	lent to G 5	3 / QR-LP 111							
V	W	К	Im	Beam angle	Dimmable	CRI	EEC	Service life (h)	Item number
12 DC	12.5	2,700	735	36°	yes	>80	А	25,000	61-124-14-06
		3,000	795	36°	ves	>80	А	25,000	61-124-15-06

Compatible with decorative rings. Suitable for DC power supply units (12 V DC).



Length: 56 mm









12 VOLT IRC

Energy-efficient low voltage halogen lamp

IRC READY

Quality lamp from a well-known brand manufacturer.

Dimmable with phase cut-off dimmers (dimmer "type C") or phase cut-on dimmers (dimmer "type L") or universal dimmers (dimmer type "R, L, C").

IRC lamps offer the same light output as standard lamps but with lower energy consumption. Conventional lamps can generally be replaced with IRC lamps with a lower wattage.

Im

Κ

Examples:

75 W conventional -> 50 W IRC

50 W conventional -> 35 W IRC 3

35 W conventional -> 25 W IRC

Service life (h)

Item number

EEC

G 4 / QT-LP 9

W

٧

-	Time:				
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		1	÷.		

and the second second			
	1000	0.000	

12	7	3,000	105	yes	В	2,000	61-111-10-00
12	14	3,000	240	yes	В	4,000	61-111-11-00

Dimmable

GY 6.3	5 / QT-LP 1	2					
V	W	К	Im	Dimmable	EEC	Service life (h)	Item number
12	25	3,000	500	yes	В	4,000	61-112-10-00
12	35	3,000	900	yes	В	4,000	61-112-11-00
12	50	3,000	1,250	yes	В	4,000	61-112-12-00
12	60	3,000	1,650	yes	В	4,000	61-112-13-00

GU 5.3 / QR-CBC 51



	/ 0.1 00001							
V	W	К	cd	Beam angle	Dimmable	EEC	Service life (h)	Item number
12	14	3,100	2,800	10°	yes	В	4,000	61-113-10-00
			480	36°	yes	В	4,000	61-113-11-00
12	20	3,100	6,000	10°	yes	В	4,000	61-113-12-00
			1,000	36°	yes	В	4,000	61-113-13-00
			450	60°	yes	В	4,000	61-113-14-00
12	35	3,100	12,500	10°	yes	В	4,000	61-113-15-00
			4,400	24°	yes	В	4,000	61-113-16-00
			2,200	36°	yes	В	4,000	61-113-17-00
			1,100	60°	yes	В	4,000	61-113-18-00
12	50	3,100	15,000	10°	yes	В	4,000	61-113-19-00
			5,700	24°	yes	В	4,000	61-113-20-00
			2,850	36°	yes	В	4,000	61-113-21-00
			1,430	60°	yes	В	4,000	61-113-22-00

Cool beam



G 53 /	QR-LP 111							
V	W	К	cd	Beam angle	Dimmable	EEC	Service life (h)	Item number
12	35	3,000	4,500	24°	yes	В	4,000	61-114-10-00
12	50	3,000	5,800	24°	yes	В	4,000	61-114-11-00
			2,000	45°	yes	В	4,000	61-114-12-00

12 VOLT CONVENTIONAL

Low voltage halogen lamp

Quality lamp from a well-known brand manufacturer.

Dimmable with phase cut-off dimmers (dimmer "type C"), phase cut-on dimmers (dimmer "type L") or universal dimmers (dimmer type "R, L, C").

v w

G 4 / QT-LP 9

V	W	К	Im	Dimmable	EEC	Service life (h)	Item number
12	5	3,000	60	yes	В	4,000	61-101-10-00
12	10	3,000	140	yes	C	4,000	61-101-11-00
12	20	3,000	320	yes	C	4,000	61-101-12-00
12	35	3,000	600	yes	C	4,000	61-101-13-00

GY 6.3	35 / QT-LP 12						
V	W	К	lm	Dimmable	EEC	Service life (h)	Item number
12	20	3,000	320	yes	C	4,000	61-102-10-00
12	35	3,000	600	yes	C	4,000	61-102-11-00
12	50	3,000	930	yes	C	4,000	61-102-12-00

GU 5.3 / QR-CBC 51

and the second
E. Barris
0403 (12) mar
100

- ester

V	W	К	cd	Beam angle	Dimmable	EEC	Service life (h)	Item number
12	20	3,000	5,000	10°	yes	В	4,000	61-103-10-00
			780	36°	yes	В	4,000	61-103-11-00
			350	60°	yes	В	4,000	61-103-12-00
12	35	3,000	9,100	10°	yes	В	4,000	61-103-20-00
			3,100	24°	yes	В	4,000	61-103-21-00
			1,500	36°	yes	В	4,000	61-103-22-00
			700	60°	yes	В	4,000	61-103-23-00
12	50	3,000	12,500	10°	yes	В	4,000	61-103-30-00
			4,400	24°	yes	В	4,000	61-103-31-00
			2,200	36°	yes	В	4,000	61-103-32-00
			1,100	60°	yes	В	4,000	61-103-33-00

Cool beam



GU 5.3	/QR-CBC 51							
V	W	К	cd	Beam angle	Dimmable	EEC	Service life (h)	Item number
12	50	3,000	2,700	24°	yes	В	15,000	61-104-40-00
			1,500	36°	yes	В	15,000	61-104-41-00

Cool beam

Lamps and accessories

GU 5.3 / QR-C 51

w

20

v

12

Quality lamp from a well-known brand manufacturer.

Dimmable with phase cut-off dimmers (dimmer "type C"), phase cut-on dimmers (dimmer "type L") or universal dimmers (dimmer type "R, L, C").

Dimmable

yes

yes

yes

Beam angle

12°

24°

36°

EEC

В

В

В

В

В

В

В

В

В

В

В

Service life (h)

4,500

4,500

4,500

4,500

4,500

4,500

4,500

4,500

4,500

4,500

4,500

Item number

61-105-10-00

61-105-11-00

61-105-12-00

61-105-20-00

61-105-21-00

61-105-22-00

61-105-23-00

61-105-30-00

61-105-31-00

61-105-32-00

61-105-33-00

Item number 61-106-10-06 61-106-11-06

61-106-12-06

61-106-13-06

35 2,900 9,100 12° 12 yes 3,100 24° yes 1,500 36° yes 700 60° yes 2,900 12,500 12° 12 50 yes 24° 4,400 yes 36° 2,200 yes

1,580

cd

5,000

780

350

Κ

2,900

Reflecto	/ matt chrome	

oligo

12 VOLT CONVENTIONAL

Low voltage halogen lamp

	00 5.	э,
	V	
\cap	12	
-11	12	
	12	

	GU 5.3	3/QR-C 51
	V	W
\cap	12	20
-11	12	35
	12	50





			1,100	60°	yes	В	4,500	
GU 5.3	3 / QR-C 51							
V	W	К	cd	Beam angle	Dimmable	EEC	Service life (h)	
12	20	2,900	510	36°	yes	В	4,500	
12	35	2,950	1,200	36°	yes	В	4,500	
12	50	3,000	3,000	24°	yes	В	4,500	

36°

yes

230 VOLT LED RETROFIT

High voltage LED lamp

LED READY

Quality lamp from a well-known brand manufacturer.

Retrofit lamps are only compatible with lamp accessories to a limited extent. Reliable dimming is dependent on the actual dimmer combination and should be checked on a case by case basis.

Equivalent to GU 10 / QPAR 51 (QPAR 16)

V	W	К	Im	Beam angle	Dimmable	CRI	EEC	Service life (h)	Item number
230	6.5	2,700	240	35°	yes	>80	А	35,000	61-224-10-06

Compatible with decorative rings.

Equivalent to GU 10 / QPAR 51 (QPAR 16)

V	W	К	Im	Beam angle	Dimmable	CRI	EEC	Service life (h)	Item number
230	8.5	2,700	590	35°	yes	>80	A+	30,000	61-227-10-06
230	8.5	3,000	620	35°	yes	>80	A+	30,000	61-227-11-06

Compatible with decorative rings.

Equivalent to GU 10 / QPAR 51 (QPAR 16)

V	W	К	Im	Beam angle	Dimmable	CRI	EEC	Service life (h)	Item number
230	7.5	2,700	470	25°	yes	>80	A+	50,000	61-225-10-06
		5,700	480	25°	yes	>80	A+	50,000	61-225-11-06
230	7.5	2,700	450	40°	yes	>80	A+	50,000	61-225-20-06
		5,700	470	40°	yes	>80	A+	50,000	61-225-21-06

Length: 81 mm









-

Compatible with decorative rings.

Equiva	lent to GU 1	.0 / QPAR 111							
V	W	К	Im	Beam angle	Dimmable	CRI	EEC	Service life (h)	Item number
230	18	2,700	760	15°	yes	80	А	50,000	61-226-10-06
		2,700	730	40°	yes	80	А	50,000	61-226-11-06

Compatible with decorative rings.

Equivale	ent to	E14,	/ D 45-C	S

V	W	К	Im	Beam angle	Dimmable	CRI	EEC	Service life (h)	Item number
230	2.5	2,700	220		no	80	A+	15,000	61-228-10-00

Equivalent to E 27 / A 60

V	W	К	lm	Beam angle	Dimmable	CRI	EEC	Service life (h)	Item number
230	11.5	2,700	1,055	150°	yes	80	A+	15,000	61-126-10-06
	16	2,700	1,521	150°	yes	80	A+	15,000	61-126-11-06



Length: 54 mm





230 VOLT ECO

Energy-efficient high voltage halogen lamp

ECO READY

Quality lamp from a well-known brand manufacturer.

Dimmable with phase cut-off dimmers (dimmer "type C") or phase cut-on dimmers (dimmer "type L") or universal dimmers (dimmer type "R, L, C").

ECO lamps offer a particularly high light output per watt and thus better energy efficiency than conventional lamps of the same type.

G	9	/	OT	14

V	W	К	lm	Dimmable	EEC	Service life (h)	Item number
230	33	2,900	460	yes	C	2,000	61-213-10-00
230	48	2,900	740	yes	C	2,000	61-213-11-00
230	60	2,900	980	yes	C	2,000	61-213-12-00
230	48	2,900	740	yes	C C	2,000	61-213-11-0

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B15d / QT 18 / 86 mm
```

V	W	К	Im	Dimmable	EEC	Service life (h)	Item number
230	70	2,900	1,180	yes	C	2,000	61-214-10-00
230	100	2,900	1,800	yes	D	2,000	61-214-11-00

-

R7s / QT-DE 11/12 / 78 mm

V	W	К	Im	Dimmable	EEC	Service life (h)	Item number
230	48	2,900	750	yes	D	2,000	61-215-10-00
230	80	2,900	1,400	yes	D	2,000	61-215-11-00
230	120	2,900	2,250	yes	C	2,000	61-215-12-00

R7s / QT-DE 11/12 / 118 mm

V	W	К	Im	Dimmable	EEC	Service life (h)	Item number
230	120	2,900	2,250	yes	C	2,000	61-215-20-00
230	160	2,900	3,100	yes	D	2,000	61-215-21-00
230	230	2,900	5,000	yes	C	2,000	61-215-22-00

230 VOLT CONVENTIONAL

High voltage halogen lamp

Quality lamp from a well-known brand manufacturer.

Dimmable with phase cut-off dimmers (dimmer "type C") or phase cut-on dimmers (dimmer "type L") or universal dimmers (dimmer type "R, L, C").

E 14 / [D 45-CS						
V	W	К	Im	Dimmable	EEC	Service life (h)	Item number
230	25	3,100	185	yes	E	1,000	61-201-10-00

Dimmable

yes

EEC

D

Service life (h)

2,000

Item number

61-202-12-00

Mirrored

JANE

Gittim

Cool beam



GU 10 ,	/ QPAR 51	(QPAR 16)						
V	W	К	cd	Beam angle	Dimmable	EEC	Service life (h)	Item number
230	35	2,800	600	35°	yes	D	3,000	61-203-10-00
230	50	2,800	1,000	25°	yes	D	3,000	61-203-11-00
		2,800	600	50°	yes	D	3,000	61-203-12-00

GU 10 / QPAR 64 (QPAR 20)

GZ 10 / QPAR-CB 51 (QPAR-CB 16)

Κ

2,800

cd

400

Beam angle

40°

W

50

V

230



V	W	К	cd	Beam angle	Dimmable	EEC	Service life (h)	Item number
230	50	2,750	1,500	25°	yes	D	3,000	61-204-10-00
230	75	2,800	2,500	25°	yes	D	3,000	61-204-11-00
		2,800	1,000	50°	yes	D	3,000	61-204-12-00

GU 10 / QPAR 111 (QPAR 38)



V	W	К	cd	Beam angle	Dimmable	EEC	Service life (h)	Item number
230	75	2,800	3,500	25°	yes	D	2,000	61-205-10-00

GZ 10 / QPAR 111 (QPAR 38) v w EEC Service life (h) Κ cd Beam angle Dimmable Item number D 230 100 2,900 5,000 25° 2,000 61-205-11-00 yes

DISCHARGE LAMPS

ESL READY

Quality lamp from a well-known brand manufacturer.





Length: 176 mm



2 CX 13 / T 16-P

2 GX	13/T16-R							
V	W	К	Im	Dimmable	CRI	EEC	Service life (h)	Item number
*	22	3,000	1,800	no	80	A+	12,000	61-808-10-00
		4,000	1,800	no	80	A+	12,000	61-808-11-00

* Voltage see control gear

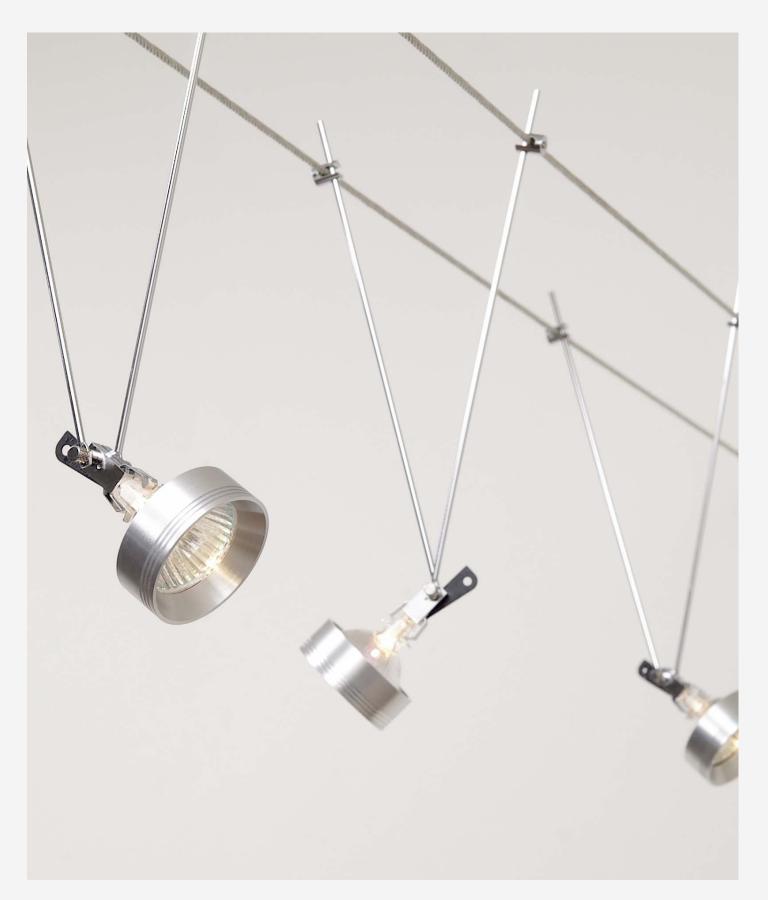
2 GX 13 / T 16-R

	,							
V	W	К	Im	Dimmable	CRI	EEC	Service life (h)	Item number
*	55	2,700	4,200	no	80	А	12,000	61-808-20-00
		3,000	4,200	no	80	А	12,000	61-808-21-00
		4,000	4,200	no	80	А	12,000	61-808-22-00



* Voltage see control gear

LAMP ACCESSORIES



LAMP ACCESSORIES

1. DECORATIVE RINGS

(0	O		O	
1.1 R1		1.2 R 2		1.3 R 3	
Compatible with lamp type: QR-CBC 51 / QPAR 51 Material Rubber		Ø 56 x 20 mm Compatible with lam QR-CBC 51 / QPAR 51 Compatible with colo Design: Ralf Keferster Material Aluminium	our filter F 1	Ø 68 x 20mm Compatible with lamp type: QPAR 64 Design: Ralf Keferstein Material Aluminium	
Colour	Item number	Colour	Item number	Colour	Item numbe
Black	62-201-10-23	Chrome	62-202-10-05	Chrome	62-203-10-0
		Matt chrome	62-202-10-06	Matt chrome	62-203-10-0
		Brushed aluminium	62-202-10-12	Brushed aluminium	62-203-10-1
Compatibility		Compatibility		Compatibility	
	yes	yes		-	

yes
yes
-
yes

Compatibility	
	yes
	-
	yes







Colour	Item number
Chrome	62-203-10-05
Matt chrome	62-203-10-06
Brushed aluminium	62-203-10-12

yes yes yes _

Luminaires
DELTA
FUTURA
GALERIE
GATE B FIVE
GATE B FOUR
GATE B SEVEN
GATE B SEVEN GALERIE
IXION
MATCH
MX-2
MX-HIGH
TAIFUN
TORINO
YPS

LAMP ACCESSORIES

C)					
1.4 R 4		2.1 51		2.2 52		
Ø 117 x 30mm		Ø 56 x 40 mm		Ø 56 x 38 mm		
Compatible with lam	p type:	Compatible with	h lamp type:	Compatible with lamp type:		
QR-LP 111, QPAR 111			QR-CBC 51 Compatible with lamps pointing		QPAR 51 Compatible with lamps pointing	
Design: Ralf Keferstei	n	downwards		downwards		
Material Aluminium		Design: Ralf Kef	erstein	Design: Ralf Ket	ferstein	
Aluminum		Material Glass, Metal		Material Glass, Metal		
Colour	Item number	Colour	Item number	Colour	Item num	
Chrome	62-204-10-05	White	62-211-10-21	White	62-212-10-	
Matt chrome	62-204-10-06	Red	62-211-10-25	Red	62-212-10-	
Brushed aluminium	62-204-10-12	Pineapple	62-211-10-32	Pineapple	62-212-10-	
		Yellow	62-211-10-34	Yellow	62-212-10-	
		Blue	62-211-10-38	Blue	62-212-10-	
		Silver	62-211-11-45	Silver	62-212-11-	

Luminaires
DELTA
FUTURA
GALERIE
GATE B FIVE
GATE B FOUR
GATE B SEVEN
GATE B SEVEN GALERIE
IXION
MATCH
MX-2
MX-HIGH
TAIFUN





Lompatibility		
	-	
	-	
	-	
	-	
	-	
	yes	
	yes yes	
	-	
	-	
	-	
	yes	
	-	
	-	
	-	







TORINO

YPS

2. SHADES



2.3 S 3

Compatible with lamp type: QR-CBC 51, QPAR 51

Design: Ralf Keferstein

Material Temperature-resistant film

Colour	Item number
White	62-213-10-21

COLOUR FILTER



F 1

3.

Including mounting

Compatible with lamp type: QR-CBC 51, QPAR 51 Compatible with lamps with flat front panel Compatible with decorative ring R 2

Material Dichroic glass, rubber

Colour	Item number
Red	62-221-10-24
Yellow	62-221-10-33
Green	62-221-10-35
Blue	62-221-10-37

4. GLARE SHIELD

A 2

Anti-glare shutters

Compatible with lamp type: QR-CBC 51, QPAR 51 Two anti-glare shutters can be combined

Material Metal

Item number
62-232-10-06
62-232-10-23

Compatibility	
	yes
	yes
	yes
	yes
	-
	yes
	yes
	-
	yes
	yes yes

Compatibility	
	yes
	-
	yes

Compatibility	
	yes
	yes
	yes
	yes
	-
	yes
	yes
	-
	yes

Luminaires DELTA FUTURA GALERIE GATE B FIVE GATE B FOUR GATE B SEVEN GATE B SEVEN GALERIE IXION MATCH MX-2 MX-HIGH TAIFUN TORINO YPS





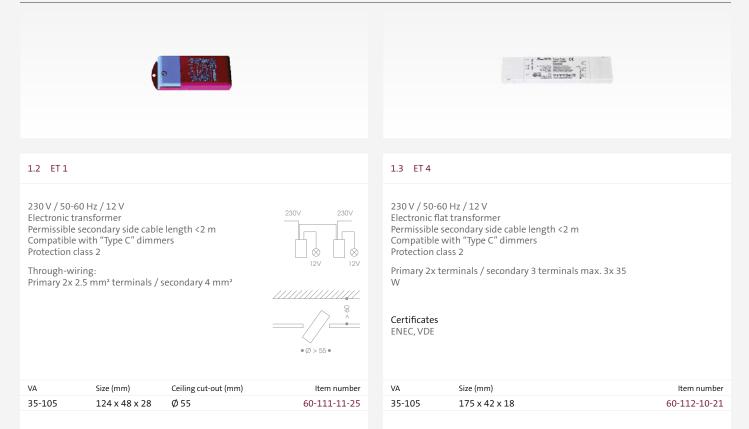


ACCESSORIES

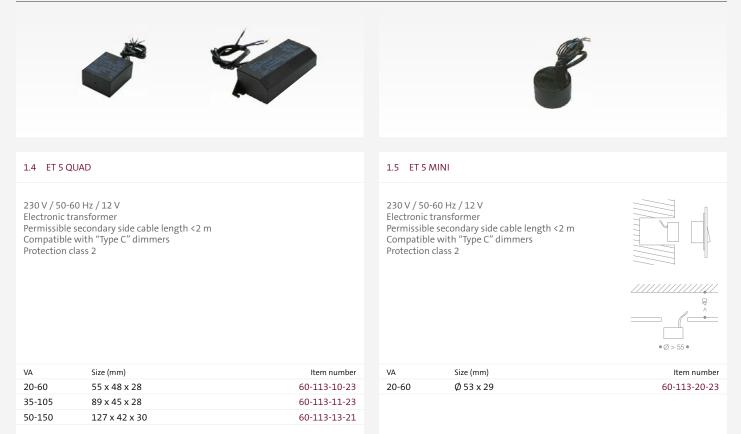
Transformers, switching power supplies and dimmers



1. TRANSFORMERS



1. TRANSFORMERS



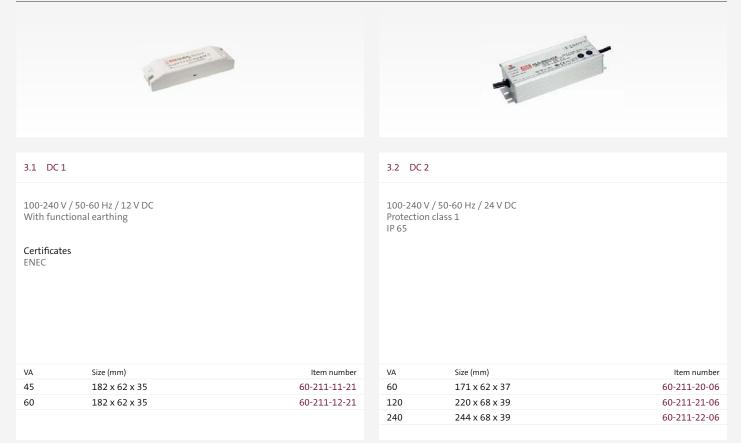
1. TRANSFORMERS

	DIMMER		DIMME
		4 10 10	
1.6 ET 6	1.7	ET 7 TOUCH	
230 V / 50-60 Hz / 12 V Electronic cord transformer, with sliding Permissible secondary side cable length Protection class 2	dimmer Elec 22 m Peru	V / 50-60 Hz / 12 V tronic transformer, with touch dimmer nissible secondary side cable length <2 m ection class 2	230V 12V
Certificates ENEC, VDE			
	2-ca	ble system	
VA Size (mm)	Item number VA	Size (mm)	Item numb
20-105 150 x 70 x 36	60-114-10-23 35-	50 144 x 45 x 34 mm	60-115-10-2
	35-:	L05 144 x 45 x 34 mm	60-115-11-

oligo

TRANSFORMERS 2. POWER INDUCTOR 1. 1.8 MT 1 230 V / 50-60 Hz / 12 V 230 V / 50-60 Hz Magnetic transformer For reducing dimmer noise Compatible with "Type L" dimmers Compatible with magnetic transformers / MT 1 Protection class 2 300 mm primary cable and glass fuse Certificates ENEC VA Size (mm) Item number А Size (mm) Ø 52 x 26 105 108 x 78 x 80 60-101-10-21 60-301-10-23 max. 1.5 150 130 x 85 x 80 60-101-11-21 200 130 x 85 x 100 60-101-12-21 300 130 x 85 x 100 60-101-13-21 60-101-14-21 175 x 128 x 118 400

SWITCHING POWER SUPPLIES 3.



Item number

3. SWITCHING POWER SUPPLIES		4. DIMMERS	
3.3 DC 3		LED ROTARY DIMMER / SET	
110-240 V / 50 Hz / universal Constant current 350/700/1050 mA Constant current 10 V DC max. 10 W Constant current 12 V DC max. 12 W Constant current 24 V DC max. 20 W Protection class 2 Certificates ENEC		Busch Jaeger 6523 U-102 LED dimmer UP insert With rotary actuation, pressure sequence toggle switch and Rated voltage: 230 V~, + 10 % / - 10 % Rated frequency: 50 Hz/60 Hz Rated output: 2 - 100 W/VA Busch Jaeger 1721-184K Single cover frame, colour: Studio white 80 x 80 x 11 mm Busch Jaeger 6540-84-102 Central slide with rotary knob and glow lamp, colour: Studio 63 x 63 mm	
VA Size (mm)	Item number	Туре	Item number
20 110 x 52 x 24	60-211-10-21	Dimmer insert	60-671-00-00*
		Set: Dimmer insert with rotary knob and cover frame	60-625-00-00
			* New in the rang

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61-103-32.00 236 61-205-10-00 240 62-221-10-33 245 D40-931-12-0 65 61-103-300 236 61-231-10-0 239 62-221-10-35 245 D40-931-13-12 65 61-104-400 236 61-231-10-0 239 62-221-10-35 245 D40-931-13-12 65 61-105-10-0 237 61-231-10-0 239 62-221-10-37 112 D41-864-10-23 100 61-105-10-0 237 61-231-10-0 239 62-221-10-37 112 D41-864-10-23 100 61-105-200 237 61-235-10-0 239 62-221-10-37 112 D41-864-10-23 100 61-105-200 237 61-255-200 239 62-221-10-37 120 D41-864-12-23 100 61-105-300 237 61-255-200 239 62-221-10-37 120 D41-864-12-23 101 61-105-300 237 61-252-10-0 239 62-221-10-37 103 D41-864-22-23 101 61-105-300 237 61-252-10-0 238 94-99-10-02 103 D41-864-22-23 101 </td <td>61-103-30-00</td> <td>236</td> <td>61-204-11-00</td> <td>240</td> <td>62-212-11-45</td> <td>244</td> <td>D40-903-32-49</td> <td>59</td>	61-103-30-00	236	61-204-11-00	240	62-212-11-45	244	D40-903-32-49	59
61-103-30.0 236 61-205-11.00 240 62-221-0-35 245 D40-31.13-01 65 61-104-41.00 236 61-213-10.00 239 62-221-0-37 245 D40-31.13-01 65 61-105-100 237 61-213-12.00 239 62-221-0-37 125 D40-31.13-01 65 61-105-100 237 61-214-100 239 62-221-0-37 112 D41-364-10-23 100 61-105-200 237 61-215-100 239 62-221-0-37 112 D41-364-10-23 100 61-105-200 237 61-215-100 239 62-221-0-37 112 D41-364-12-2 100 61-105-200 237 61-215-200 239 62-221-0-3 245 D41-364-12-2 100 61-105-200 237 61-215-200 239 62-221-0-12 D41-364-13-4 100 61-105-200 237 61-221-006 238 94-90-1-01 101,119 D41-364-22 101 61-105-100 237 61-225-106 238 94-91-10 101,119 D41-364-22 101 61-1061	61-103-31-00	236	61-204-12-00	240	62-213-10-21	245	D40-931-11-12	65
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61-105-1200 237 $61-214-11-00$ 239 $62-222-10.35$ 112 $D41-86+10-23$ 100 $61-105-200$ 237 $61-215-100$ 239 $62-222-1047$ 112 $D41-86+13-25$ 100 $61-105-200$ 237 $61-215-1200$ 239 $62-222-10-66$ 125 $D41-86+13-42$ 100 $61-105-200$ 237 $61-215-1200$ 239 $62-223-10-23$ 245 $D41-86+13-42$ 100 $61-105-300$ 237 $61-215-1200$ 239 $94-90+1001$ $103,119$ $D41-86+22-23$ 101 $61-105-300$ 237 $61-225-1006$ 238 $94-90+1021$ $100,119$ $D41-86+22-25$ 101 $61-105-3300$ 237 $61-225-1006$ 238 $94-90+1021$ $100,119$ $D41-86+22-42$ 101 $61-105-370$ $61-225-10-66$ 238 $94-931-1001$ 61 $D41-86+32-42$ 101 $61-106-106$ 237 $61-225-10-66$ 238 $94-931-100$ 61 $D41-86+32-42$ 101 $61-106-1266$ 237 $61-225-10-66$ 238 $94-931-100$ 50 $D41-86+3-25$ 101 $61-106-1266$ 237 $61-225-10-66$ 238 $D40-86+1-23$ 50 $D41-86+3-24$ 101 $61-106-1266$ 237 $61-225-10-66$ 238 $D40-86+1-23$ 50 $D41-86+3-24$ 101 $61-106-1266$ 237 $61-225-10-66$ 238 $D40-86+1-23$ 50 $D41-86+3-24$ 101 $61-110-100$ 235 $61-225$	61-105-10-00	237	61-213-12-00	239	62-222-10-24	112	D40-931-15-05	65
	61-105-11-00	237	61-214-10-00	239	62-222-10-33	112		
	61-105-12-00	237	61-214-11-00	239	62-222-10-35	112	D41-864-10-23	100
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$61-105\cdot23\cdot00$ 237 $61\cdot215\cdot20\cdot00$ 239 $62\cdot232\cdot10\cdot23$ 245 $D41\cdot864\cdot15\cdot42$ 100 $61\cdot105\cdot30\cdot00$ 237 $61\cdot215\cdot21\cdot00$ 239 $94\cdot90\cdot10\cdot01$ $103,119$ $D41\cdot864\cdot22\cdot5$ 101 $61\cdot105\cdot32\cdot00$ 237 $61\cdot221\cdot10\cdot06$ 238 $94\cdot90\cdot10\cdot01$ $103,119$ $D41\cdot864\cdot22\cdot4$ 101 $61\cdot105\cdot33\cdot00$ 237 $61\cdot225\cdot10\cdot06$ 238 $94\cdot90\cdot10\cdot02$ $103,119$ $D41\cdot864\cdot22\cdot4$ 101 $61\cdot106\cdot11\cdot06$ 237 $61\cdot225\cdot20\cdot06$ 238 $94\cdot931\cdot10\cdot02$ 61 $D41\cdot864\cdot32\cdot42$ 101 $61\cdot106\cdot11\cdot06$ 237 $61\cdot225\cdot21\cdot06$ 238 $94\cdot931\cdot10\cdot02$ 61 $D41\cdot864\cdot32\cdot42$ 101 $61\cdot106\cdot11\cdot06$ 237 $61\cdot225\cdot21\cdot06$ 238 $94\cdot931\cdot10\cdot02$ 61 $D41\cdot864\cdot32\cdot42$ 101 $61\cdot106\cdot11\cdot06$ 237 $61\cdot225\cdot21\cdot06$ 238 $94\cdot931\cdot10\cdot02$ $50,61$ $D41\cdot864\cdot32\cdot42$ 101 $61\cdot106\cdot11\cdot06$ 237 $61\cdot225\cdot21\cdot06$ 238 $D40\cdot864\cdot12\cdot23$ 50 $D41\cdot864\cdot34\cdot21$ 101 $61\cdot101\cdot100$ 235 $61\cdot221\cdot10\cdot66$ 238 $D40\cdot864\cdot12\cdot23$ 50 $D41\cdot864\cdot34\cdot21$ 101 $61\cdot111\cdot100$ 235 $61\cdot801\cdot100$ 241 $D40\cdot864\cdot12\cdot23$ 50 $C42\cdot885\cdot10\cdot21$ 145 $61\cdot112\cdot100$ 235 $61\cdot801\cdot100$ 241 $D40\cdot864\cdot2\cdot25$ 51 $C42\cdot885\cdot10\cdot21$ 145 $61\cdot113\cdot100$ 235 $61\cdot802\cdot200$ 241 $D40\cdot864\cdot2\cdot24$ 51 $C42\cdot885\cdot10\cdot21$ 145 <td>61-105-21-00</td> <td>237</td> <td>61-215-11-00</td> <td>239</td> <td>62-222-10-46</td> <td>112</td> <td>D41-864-13-45</td> <td>100</td>	61-105-21-00	237	61-215-11-00	239	62-222-10-46	112	D41-864-13-45	100
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LIGHT DISTRIBUTION CURVES

OLIGO products can be planned using the DIALux planning software. The relevant planning data is available for download as a DIALux plug-in at www.oligo.de.







1

2

3

1

2

3

MAVEN M

h (m) Ø (m)

2.80

5.70

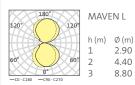
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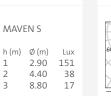
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Lux

173

43

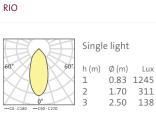
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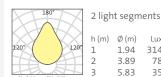
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431

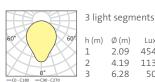
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48





TRINITY





Lux

314

78

35

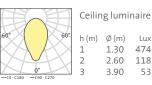
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454

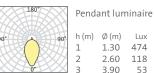
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50

39



h (m)	Ø (m)	Lux
1	1.30	474
2	2.60	118
3	3.90	53



h (m) Ø (m) Lux 1.30 474 2.60 118 3.90 53



2	Floor	lumina	aire
90°	h (m) 1	Ø (m) 1.31	Lux 474
5	2	2.63	118
K,	3	3.94	53

TUDOR Wall luminaire



h (m) Ø (m) Lux 1.70 353 3.30 88 5.00 39

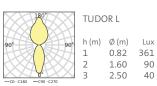
TUDOR Ceiling lur	ninaire	2	
	TUDO	DR S	
60° 60° 	1	Ø (m) 1.70 3.30 5.00	353
	TUDO	DR M	
60° 60° 	1	Ø (m) 1.10 2.20 3.30	354
	TUDO	OR L	
60° 60° 	1	Ø (m) 0.82 1.60 2.50	361

TUDOR Pendant luminaire

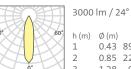
	180°		TUDO	DR S	
90°	0° 	90°	h (m) 1 2 3	Ø (m) 1.70 3.30 5.00	Lux 353 88 39

180°	TUDO	DR M	
90°	h (m) 1	Ø (m) 1.10	Lux 354
	2	2.20	89
0.	3	3 30	39

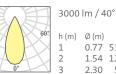
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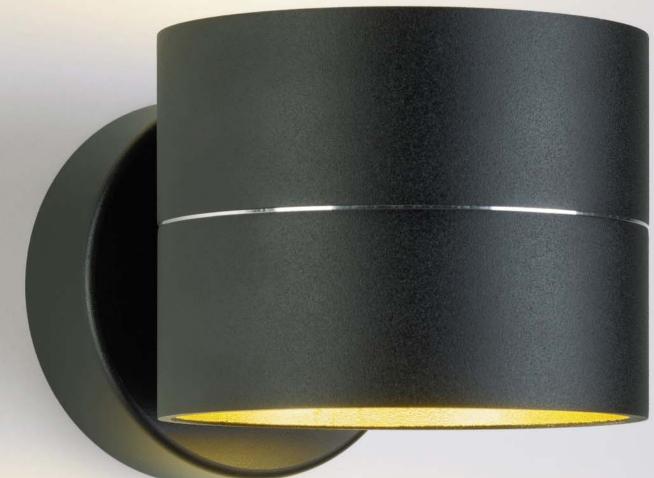




h (m) Ø (m) Lux 0.43 8927 1 2 0.85 2232 3 1.28 992



h (m) Ø (m) Lux 1 0.77 5165 1.54 1291 2.30 574



1.00

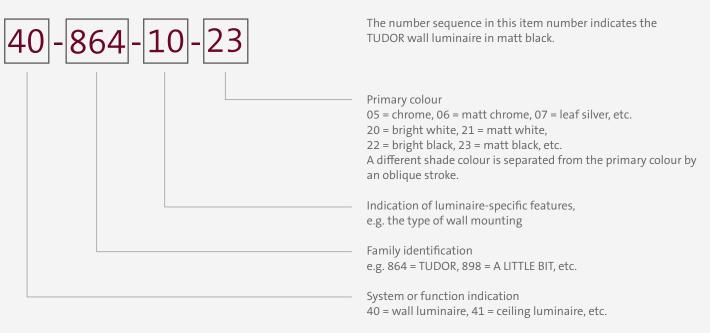
THE OLIGO ITEM NUMBERS

With the OLIGO item number system, you can order even more easily. Each item number comprises four blocks of numbers. The blocks of numbers stand for functions, product families, variants and colour key. By means of the number combination, you can clearly see whether a plan is consistent and coherent with regard to system, luminaire family, surface and colour.

Operating features such as gesture control or touch dimmers are indicated by letters at the beginning of the item number.

This system applies for all products in the OLIGO range.

AN EXAMPLE OF THE SYSTEM



Letters to indicate an operating function are placed before the item number: T = touch dimmer, G = gesture control D = integrated DALI converter

ORDERING INFORMATION AND TECHNICAL INFORMATION

ORDERS

Unless otherwise specified, luminaires are always supplied without lamps. Accessories should always be ordered separately.

Products from OLIGO should only be acquired from our specialist retail and wholesale trade partners. A retailer overview can be found at www.oligo.de.

All previous brochures become invalid with the publication of this catalogue and/or the price list. In case of doubt, the order date applies for the aforementioned effectiveness.

All offers are non-binding and only take effect upon our written confirmation on the basis of our T&C. Verbal agreements require written confirmation.

For special models of our products, please contact our customer service department.

KEY	
LED INTEGRIERT	Luminaires with integrated LED technology. The LED lamps in these luminaires can only be changed by the manufacturer.
LED READY	This symbol indicates the compatibility of luminaire and lamp. The thermal and mechanical usability of the LED retrofit lamps recommended in this catalogue has been tested.
IRC READY	Luminaires marked with this symbol can be fitted with energy- efficient low voltage halogen lamps.
ECO READY	Luminaires marked with this symbol can be fitted with energy- efficient high voltage halogen lamps.
ESL READY	Luminaires marked with this symbol can be fitted with energy-saving lamps.
DIMMER	Integrated dimmer function.

DALD Luminaire can be integrated into a DALI system.

TECHNICAL INFORMATION

LIGHT VALUES

For luminaires with integrated LEDs, all lumen information comprises actual measured values at the operating temperature of the luminaire. Nominal information from the LED manufacturer is up to 20% higher.

SURFACES, COLOURS AND MATERIALS

All information regarding surfaces are merely colour information and do not specify material designations.

Matt metal surfaces are either varnished, anodised or galvanised. Bright metal surfaces are either polished or galvanised.

Shades are generally satin finished on the outside and reflection coated on the inside. Some shades are hand-blown and hand crafted single unit products with individual character. Small differences are unavoidable.

PROTECTION CLASS

Unless otherwise specified, luminaires are always technically designed according to protection class IP 20. All transformers and power supply units have safety extra-low voltage (SELV).

LAMPS

Information regarding lamps complies with the ZVEI [Central Association of the Electrical and Electronics Industry] lamp designation system (LBS).

Subject to technical modifications. No liability shall be accepted for the accuracy of technical information or for colour differences.

TYPICAL UNITS OF MEASUREMENT AND ABBREVIATIONS

- cd = Candela
- Im Lumen
 - = Kelvin
- CRI Colour rendering index =
 - Volt

V

- VA Volt-ampere
- AC Alternating current = Direct current
- DC
- Ηz = Hertz W Watt =
- RAL =
- Standardised colour value Energy efficiency class EEC

ADDITIONAL INFORMATION

National and international property rights such as patents, registered designs, industrial designs or trademarks are registered for many OLIGO lighting systems and luminaires.

All information in this catalogue - particularly the illustrations - may only be reproduced with prior written authorisation.

PROTECTION CLASSES ACCORDING TO 60529 (IP = Ingress Protection)

Protection against foreign substanc-Protection against water es and contact

IP 2x → 12 mm IP 3x > 2.5 mmIP4x >1mm

IP x0 No protection IP x2 Droplets up to 15° to the vertical IP x3 Spray up to 60° to the vertical IP x4 Spray from all directions IP 5x Protected against dust IP x5 Water jet from all directions IP 6x Dust-proof IP x7 Water proof

Example: IP 67 = dust-proof / waterproof PROTECTION CLASSES ACCORDING TO DIN 40 100 (EC Publ. 417)

Protection class 1 Exposed metal parts connected to the protective earth of the luminaire.

Protection class 2 Live parts are additionally insulated and cannot be touched in the event of a fault.

Protection class 3 Safety extra-low voltage (SELV).

г. Москва

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