

Retail Lighting.
Food 2.0

ansorg



Good light is
good business.

QUALITY
LIGHT-
NATURAL
PRESENTATION -
MORE SALES

ansorg

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We show your products in
the right light.





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LIGHTING AREAS

We know a lot about food supermarkets. The attractive sales-promoting presentation of goods has been one of Ansorg's concerns for over 60 years. It is therefore no wonder that we also know how light can create an appetite for more.

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100%
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THE ADVANTAGES FOR ANSORG CUSTOMERS

WE SHOW YOUR PRODUCTS IN THE RIGHT LIGHT



WHAT DO
CUSTOMERS
GET FROM
US?

- + Emotional shopping atmosphere
- + Energy-efficient lighting solution
- + Sales-promoting lighting conception
- + Lighting that does not harm the goods
- + Customised advice and lighting design
- + Optimised investment, operating and maintenance costs



HOW
DO WE DO
THINGS?

WHAT
SETS US
APART?

- + Comprehensive product range
- + Innovative LED equipment with convincing energy balance
- + Intelligent reflector technology
- + Special LED modules per lighting task
- + Goods-orientated customised lighting design instead of whole-area illumination
- + Competitive price level



A photograph of a supermarket storefront at night. The building has a dark blue corrugated metal facade. Large glass windows and doors reveal the interior, which is brightly lit. Inside, various food items are visible on shelves and in bulk bins, including boxes of Weetabix, stacks of Onko cereal boxes, and bags of chips. A red sign with the word "WURST" is visible in the background. A large green starburst graphic is overlaid on the right side of the image, containing the text "TAKE A CLOSER LOOK AT LIGHT" in white, sans-serif, uppercase letters.

TAKE A
CLOSER
LOOK
AT LIGHT

LIGHTING AREAS

LIGHT
STIMULATES
THE APPETITE



QUALITY

PRODUCTS

Especially for the food retail trade, Ansgorg has put together a selection of luminaires which cover all zones, requirements and tasks in the best possible way. Our product portfolio is a reliable basis as far as the technology and the optimum price/ performance ratio are concerned – whether between the shelves, over the counters, the fresh food area, the wine department, as ambient lighting or as accent lighting.

TECHNOLOGY

COMPETENCE

We know a lot about food supermarkets. The attractive sales-promoting presentation of goods has been one of Ansgorg's concerns for over 60 years. It is therefore no wonder that we also know how light can create an appetite for more. Since particularly where the tactile subject of food and drink is concerned, the right quality of lighting helps to increase sales in the supermarket by bringing emotion into play.

SERVICE

LIGHTING DESIGN

The right lighting creates a customer-friendly atmosphere and increases guidance with light. It leads the customer through the sales room and ensures the true colours of the range. The use of light, colour and brightness ensures a positive atmosphere in the sales area – with the aim being to make customers feel good.

Entrance

INVITING

Involved here is primarily an appealing long-distance effect with recognition value.



Mall

ATMOSPHERIC

The colourful range over a generously dimensioned area is provided with an efficient and decorative lighting concept.



Main aisle

CREATING ORDER

The light pointing the way serves above all for better orientation and at the same time structures the adjacent aisles.



Assortment-containing aisle

PRESENTING

The main area of emphasis is an accentuated shelf and aisle area lighting system that functions in keeping with the goods and economically.



Bread & bakery products

APPETISING

A sales-promoting scene setting with light with a warmly - appealing light colour supports the character of the goods.



Market place

HEALTHY

Fresh products which are shown in all colour facets require sales-promoting scene setting with light.



Meat & sausage & cheese

FRESH

High-quality and sensitive fresh products love lighting that is gentle on the products and has specific light colours.



Rear wall & display panel

COMMUNICATIVE

Shelves in the background are provided with homogeneous and lively rear wall illumination for better orientation.



Fish

FULL OF ENJOYMENT

The right light colour meets both the high visual standards and the demands made on the degree of freshness.



Deep freezers

FULL OF VARIETY

The deep-freezer area requires homogeneous, bright and horizontal lighting that additionally illuminates with high contrasts.



Wine

TASTY

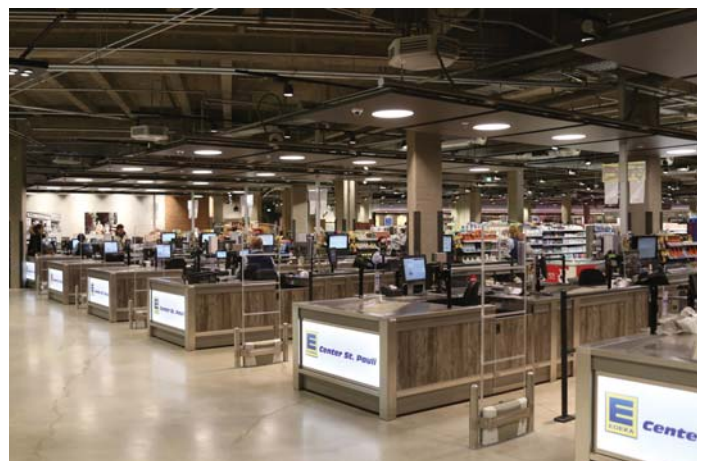
The apparent value of the goods is emphasised by accentuating lighting with a warm light colour.



Checkout area

COMFORTABLE

The cash desks must, as a result of a customised lighting concept, already be visible from a distance.



LED

QUALITY PARAMETERS FOR RETAIL LIGHTING



WHAT CAN YOU EXPECT FROM ANSORG LED LUMINAIRES?

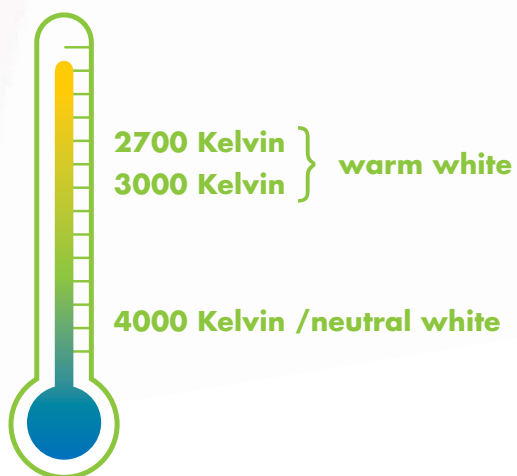
Ansorg provides a comprehensive range of LED luminaires in the widely differing types of construction with high-performance lumen packages for retail lighting. Our quality requirements are aligned to the needs of the retail trade. The aim in this case is to develop a customised overall package for every task to be performed in which the relevant technical parameters are optimally coordinated. These include colour rendition, colour temperature and brilliance, perfect thermal management, efficiency as well as the necessary lighting level for sales-promoting scene setting for the merchandise.

LIGHT COLOURS



COLOUR TEMPERATURES/LIGHT COLOURS

Ansorg LED luminaires are available with the following standard light colours:



CRI (COLOUR RENDERING INDEX)

All of the LED modules used at Ansorg have, as the standard, depending on the lighting task, a CRI of Ra =80 or Ra =90.

SPECIAL LIGHT COLOURS

Some areas in the food retail trade require special lighting scenes. Particularly in the area of fish, a major role is played by lighting that is gentle on the product and at the same time has a sales-promoting effect.

By the use of special LED modules or filters, meat products, cheese, fish or fruit and vegetable are individually illuminated. The non-food area is illuminated, depending on requirements, with 3000 K or 4000 K.



Fruit & Vegetables - warm white light with high and brilliant colour rendition



Meat & Sausage - meat module for better colour rendition in the red range



Fish - neutral white light for the intensification of the desired colour mood



Non-Food - warm white or neutral white light depending on the lighting task

LUMEN CLASSES



These classes of luminous flux have proved successful for shop lighting.

LEVELS OF PERFORMANCE / LUMEN CLASSES

Due to the high light yield of the LEDs that is still improving further, thinking in lumen classes is particularly relevant to the planning of shop lighting.

It is important that the lumen values leading to allocation to a lumen class refer to the **system luminous flux of the luminaire**, and not to the luminous flux of the LED module.

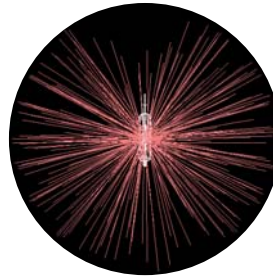
As the value of the system luminous flux can differ for a luminaire depending on the reflector fitted and the light - colour, for better orientation luminous flow or lumen classes are defined to which the luminaires are assigned.

REFLECTOR TECHNOLOGY

Conventional light sources radiate their light in a solid angle of almost 360°, LEDs on the other hand, oriented from the outset, in a solid angle of <180°.

The direct share of the luminous flux that is not reflected by the reflector is markedly higher than in the case of an HIT lamp. The radiation pattern of the LED unit therefore necessitates an adjusted design of the reflector equipment.

HIT - 360°



LED - 180°



LIGHT DISTRIBUTION IN THE REFLECTOR

By means of the development of a specific reflector-design, marked quality enhancements have been achieved.

Exactly defined zones in the reflector are allocated to individual lighting tasks. In that way the degree of saturation of the light distribution curves can be defined.

- + High efficiencies acting on the goods
- + High appeal quality with very good long-distance effect
- + Homogeneous lighting pattern with uniform light distribution and excellent colour quality

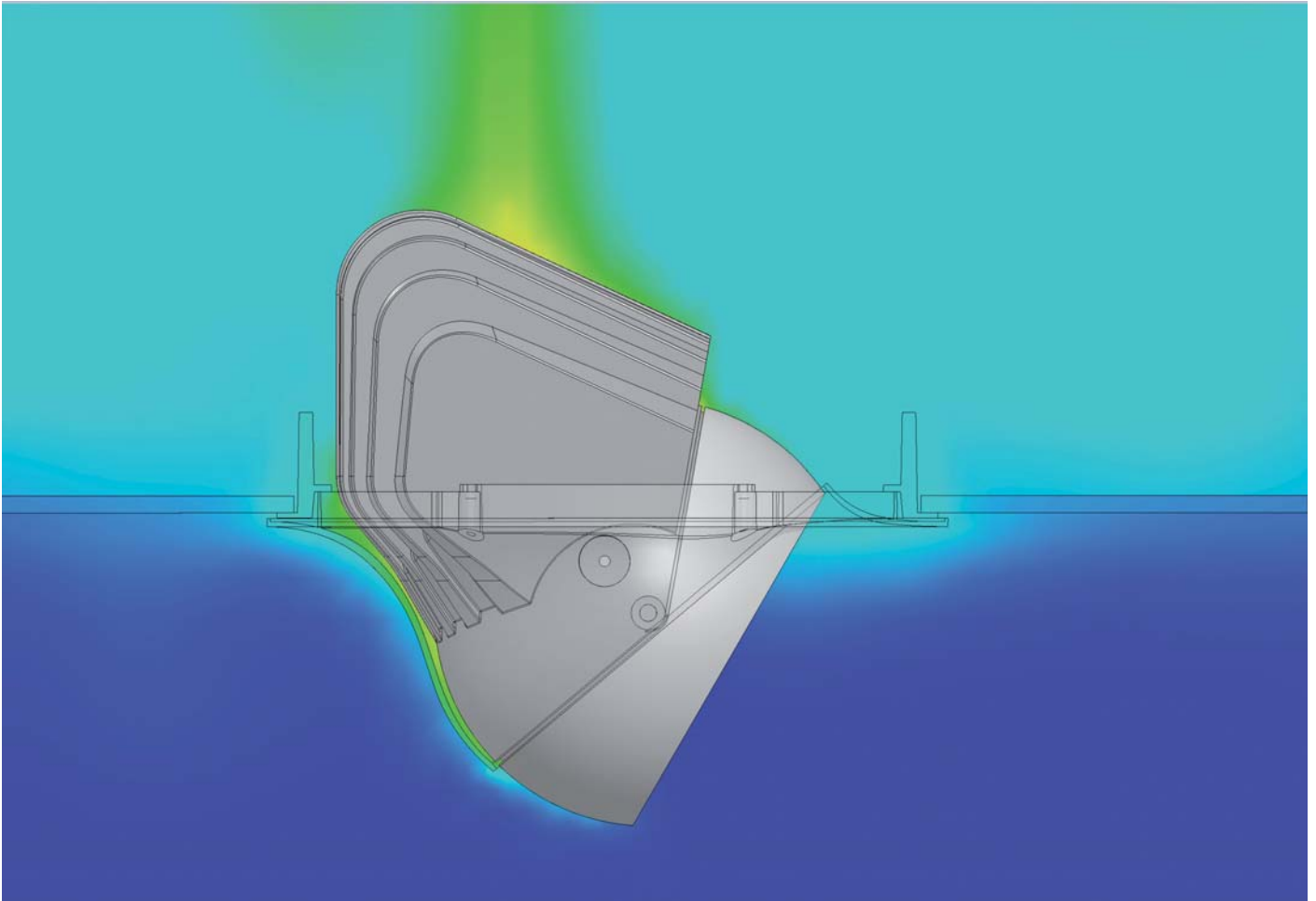
OPTIMUM LED LIGHT MIXING

The Ansorg-3D faceted reflector produces an optimum white-light mixing of the LED light.

EFFICIENT
3D REFLECTOR
EQUIPMENT
FROM
ANSORG



THERMAL MANAGEMENT



Ansorg attaches particular importance to thermal management in the luminaire, so that the maximum junction temperature of the LEDs is not exceeded in continuous operation, either, and so that the LED modules provide their full performance over their entire service life. For adherence to the junction temperature, Ansorg has also installed an additional thermal buffer of 10%.

All of the LED luminaires up to 5000 lm are, as a matter of principle, cooled passively. The heat is dissipated via the luminaire housing or special cooling fins.

For the development of LED luminaires the thermal management is also considered with regard to design aspects; the design of the luminaire and the components for the cooling system are harmonised. For thermal simulation this can already be taken into account during the development process.

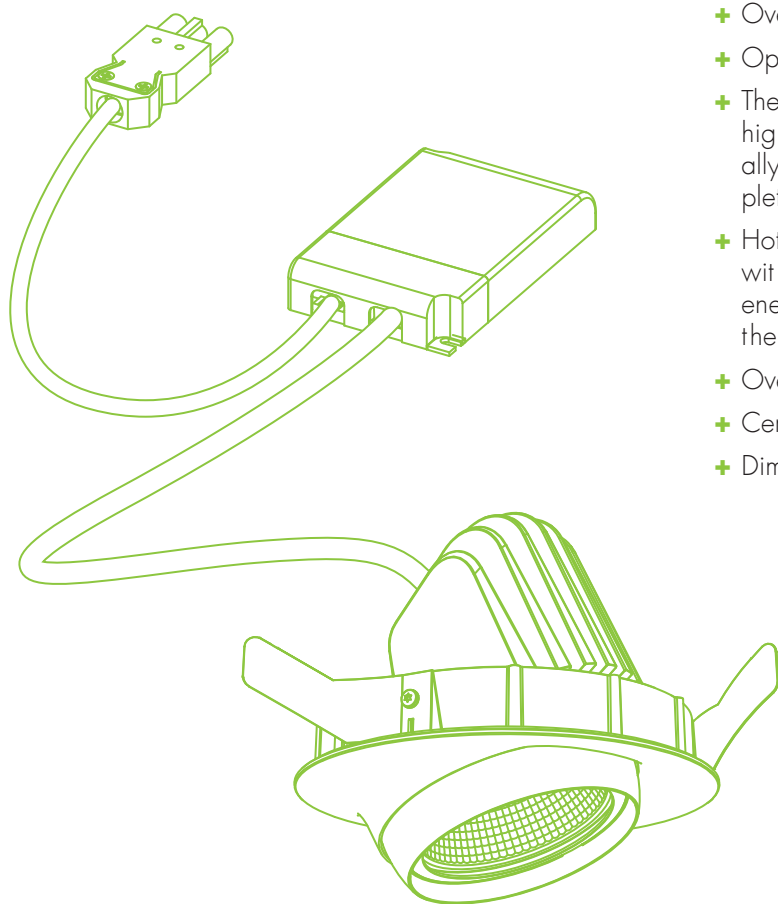
In our own temperature measuring rooms certified according to **VDE TDAP (Test Data Acceptance Program)** the luminaires are tested and hence adherence to the values is ensured.

LED CONTROL GEARS

For quality assurance all of the Ansorg LED luminaires are, as a matter of principle, supplied with the control gear matching the respective LED module.

OUR
SPECIAL
REQUIRE-
MENTS:

- + Type of protection IP20
- + Overload protection
- + Open-circuit protection and short-circuit protection
- + Thermal protection of the driver: at an excessively high service temperature the performance is gradually reduced or the luminaire is switched off completely
- + Hot wiring protection (protection for LED luminaires with plug-in connectors on the secondary side, energised during connecting of the luminaire and the control gear)
- + Over-voltage protection
- + Certificates: ENEC and EMC
- + Dimming interfaces: 1-10V, DALI







TAKE A CLOSER LOOK AT PROJECTS



BIO

BIO

EDEKA CENTER ST. PAULI

HAMBURG, GERMANY



PRODUCTS



CARDO CBL

- + The design networking with the series Brick, Lightstripe and Cardo Systems favours the creation of a harmonious ceiling design
- + Due to mounting on gimbals, the light can be directed in any direction desired



PIZZA PLL

- + Simple luminaire design – natural light incidence
- + The intrinsic brightness of the luminaire serves as a ceiling design element



NAVO NSK

- + Innovative geometry of luminaire for a homogeneous ceiling design
- + Solid, functional shape in a matured design
- + High-performance LED module with specific radiation characteristics
- + Dynamical accentuated light distribution
- + German Design Award 2016

EDEKA CENTER ST. PAULI

HAMBURG, GERMANY



PROJECT DETAILS

- + Area: 4,488 m²
- + Architect: Edeka Handelsgesellschaft Nord mbH, Neumünster
- + Photographer: Ansorg Germany
- + Lighting design: Ansorg Germany
- + Luminaires: Navo, Bop, Cardo, Piazza, Pizza, Maxx Factory



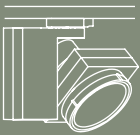


prima





PRODUCTS



TAKE TKL

- + Economic efficiency and long product life due to a high-quality luminaire housing made of diecast aluminium
- + Optimised reflector technology for brilliant light quality and high efficiencies
- + Maintenance and user-friendly and can be fitted without the use of tools
- + Add-on accessories for reduction of scattered light



BOP BKL

- + Optimum functioning and great convenience
- + Value-retaining material mix of glass fibre-reinforced plastic and die cast aluminium
- + Energy-efficient lighting equipment
- + User friendly and easy to maintain
- + Add-on accessories for reduction of scattered light



PIZZA PLL

- + Simple luminaire design – natural light incidence
- + The intrinsic brightness of the luminaire serves as a ceiling design element

PRIMA

SZEGED, HUNGARY





PROJECT DETAILS

- + Area: 3,255 m²
- + Shopfitting: Wanzl Magyarország Kft, Budapest
- + Photographer: Zoltán Kurdi, Budapest
- + Lighting design: Ansorg Germany
- + Luminaires: Tecno, Lightstripe, Pizza, Bop, Take, Navo





PRODUCTS



NAVO NSK

- + Innovative geometry of luminaire for a homogeneous ceiling design
- + Solid, functional shape in a matured design
- + High-performance LED module with specific radiation characteristics
- + Dynamical accentuated light distribution
- + German Design Award 2016



MAXX MCL

- + Minimalistic design
- + The reflector is the shape-determining moment
- + Excellent glare-reduction of the reflectors for perfect ease of vision



COLLECTION CPL

- + Individualised luminaire design based on the customer's corporate identity: 'Create your own design'
- + Combination of decorative use of shapes and highly-efficient merchandise lighting



PROJECT DETAILS

- + Area: 350 m²
- + Architect: Cooperative Operaie di Trieste Istria e Friuli, Trieste
- + Photographer: GS Arquitectos, Madrid
- + Lighting design: Ansorg Germany
- + Luminaires: Navo, Maxx, Collection, Take, Cardo









PRODUCTS



TAKE TKL

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- + Optimised reflector technology for brilliant light quality and high efficiencies
- + Maintenance and user-friendly and can be fitted without the use of tools
- + Add-on accessories for reduction of scattered light



MONA MIL

- + Decorative retro design
- + Attractive long-distance effect as an orientation guide
- + High light yield output
- + Efficient LED lighting technology
- + Two lampshade sizes, optionally customised colour design



CARDIO CRL

- + The design networking with the series Brick, Lightstripe and Cardio Systems favours the creation of a harmonious ceiling design
- + Due to mounting on gimbals, the light can be directed in any direction desired

TEMMA

HAMBURG, GERMANY





PROJECT DETAILS

- + Area: 816 m²
- + Photographer: Ansorg Germany
- + Lighting design: Ansorg Germany
- + Luminaires: Take, Mona, Cardo, Maxx



INTERMARCHÉ EXPRESS

ISSY LES MOULINEAUX, FRANCE



PRODUCTS



BOP BKL

- + Optimum functioning and great convenience
- + Value-retaining material mix of glass fibre-reinforced plastic and die cast aluminium
- + Energy-efficient lighting equipment
- + User friendly and easy to maintain
- + Add-on accessories for reduction of scattered light



NAVO NSK

- + Innovative geometry of luminaire for a homogeneous ceiling design
- + Solid, functional shape in a matured design
- + High-performance LED module with specific radiation characteristics
- + Dynamical accentuated light distribution
- + German Design Award 2016

INTERMARCHÉ EXPRESS

ISSY LES MOULINEAUX, FRANCE





PROJECT DETAILS

- + Area: 990 m²
- + Architect: RIFF Architectures
- + Shopfitting: HMY
- + Photographer: Ansorg France
- + Lighting design: Ansorg France
- + Luminaires: Bop, Navo



NATURASI

CITTADELLA, ITALY

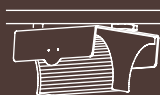


PRODUCTS



BOP BKL

- + Optimum functioning and great convenience
- + Value-retaining material mix of glass fibre-reinforced plastic and die cast aluminium
- + Energy-efficient lighting equipment
- + User friendly and easy to maintain
- + Add-on accessories for reduction of scattered light



NAVO NSK

- + Innovative geometry of luminaire for a homogeneous ceiling design
- + Solid, functional shape in a matured design
- + High-performance LED module with specific radiation characteristics
- + Dynamical accentuated light distribution
- + German Design Award 2016

NATURASI

CITTADELLA, ITALY



PROJECT DETAILS

- + Area: 600 m²
- + Client: Gramigna Soc. Coop. Cuore Bio
- + Architect: Store Design Dept. Ecor-NaturaSi - S.Vendemiano TV
- + Photographer: Arch. Filippo Molena, Padova
- + Lighting design: Ansorg Germany
- + Luminaires: Bop, Navo





CHOITHRAMS

DUBAI, UNITED ARAB EMIRATES



PRODUCTS



BIT BNL

- + Particularly economical spotlight with a light output ratio of up to 80%
- + Very good price/performance ratio (low investment per klm)
- + Neutral, unobtrusive use of shapes



VECTO VRL

- + Possible universal uses for all lighting tasks in the salesroom
- + Ensuring correct alignment of the lighting in the store
- + Very good price/performance ratio
- + Optimum thermal management
- + Optimum flexibility
- + Attractive design, flush with the ceiling



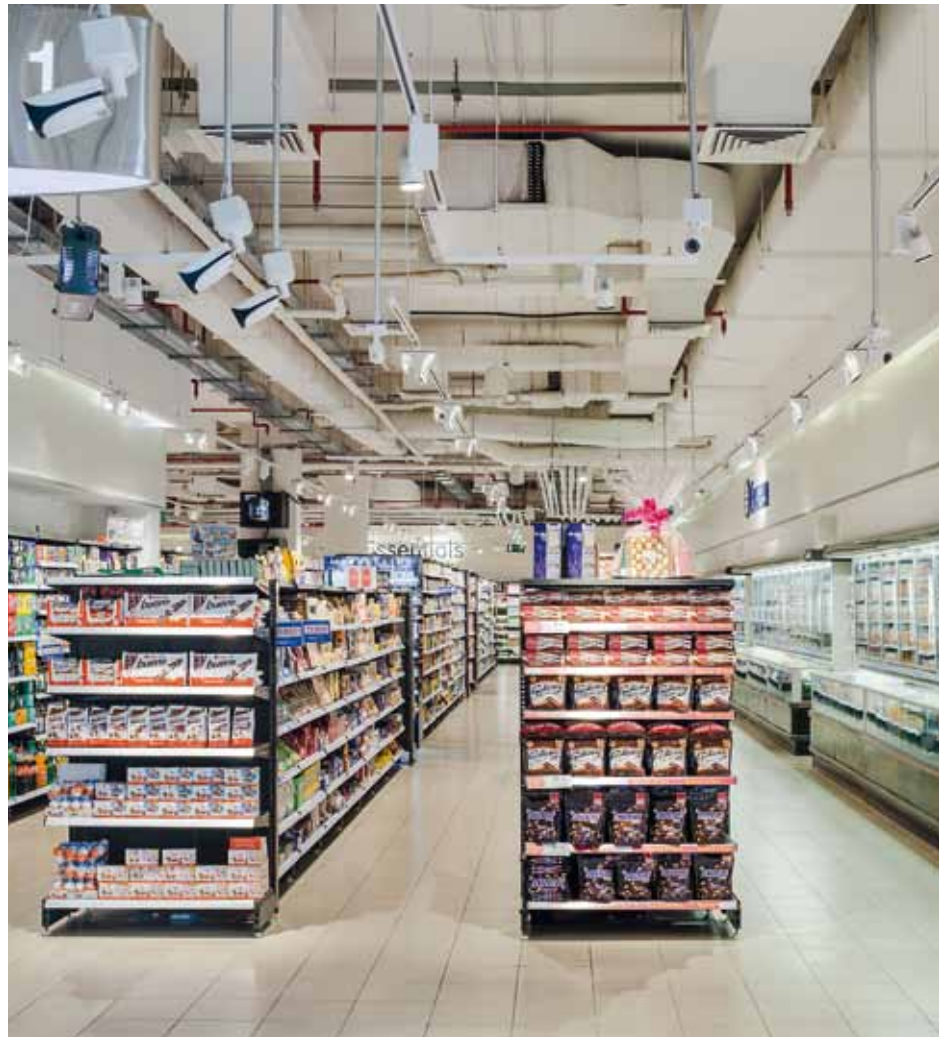
NAVO NSK

- + Innovative geometry of luminaire for a homogeneous ceiling design
- + Solid, functional shape in a matured design
- + High-performance LED module with specific radiation characteristics
- + Dynamical accentuated light distribution
- + German Design Award 2016

CHOITHRAMS

DUBAI, UNITED ARAB EMIRATES





PROJECT DETAILS

- + Area: 930 m²
- + Architect: Multiline Interiors LLC
- + Photographer: Max Schulz, Mülheim
- + Lighting design: Ansorg Dubai
- + Luminaires: Bit, Vecto, Navo



DENN'S BIOMARKT

BIELEFELD, GERMANY

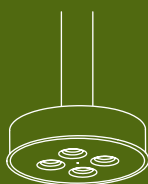


PRODUCTS



TECNO TML

- + Reduction to a basic geometrical shape
- + Large variety of accessories permits different lighting scenarios



PIAZZA PRL

- + Geometrical design
- + High-performance LED equipment
- + Almost maintenance-free, since no time-consuming lamp change
- + High degree of visual comfort, no glare



NAVO NSK

- + Innovative geometry of luminaire for a homogeneous ceiling design
- + Solid, functional shape in a matured design
- + High-performance LED module with specific radiation characteristics
- + Dynamical accentuated light distribution
- + German Design Award 2016

DENN'S BIOMARKT

BIELEFELD, GERMANY





PROJECT DETAILS

- + Area: 652 m²
- + Photographer: Ansorg Germany
- + Lighting design: Ansorg Germany
- + Luminaires: Navo, Cardo, Piazza, Brick, Tecno, Maxx, Punta, Cupola, Lightstripe



EDEKA REICHELT

BERLIN, GERMANY



PRODUCTS



NAVO NSK

- + Innovative geometry of luminaire for a homogeneous ceiling design
- + Solid, functional shape in a matured design
- + High-performance LED module with specific radiation characteristics
- + Dynamical accentuated light distribution
- + German Design Award 2016



TAKE TKL

- + Economic efficiency and long product life due to a high-quality luminaire housing made of diecast aluminium
- + Optimised reflector technology for brilliant light quality and high efficiencies
- + Maintenance and user-friendly and can be fitted without the use of tools
- + Add-on accessories for reduction of scattered light



CARDIO CRL

- + The design networking with the series Brick, Lightstripe and Cardio Systems favours the creation of a harmonious ceiling design
- + Due to mounting on gim-bals, the light can be directed in any direction desired

EDEKA REICHELT

BERLIN, GERMANY



PROJECT DETAILS

- + Area: 1,770 m²
- + Architect: Kinzel Architecture, Schermbeck
- + Photographer: Alexej Kinzel, Schermbeck
- + Lighting design: Ansorg Germany
- + Luminaires: Navo, Take, Cardo, Cupola







Come la
il pane
piuttosto
che richi
tempo l
Il poeta
sono fra
compiuto d

RACCONTIDIGRANO

BARI, ITALY

Area: 45 m²

Photographer: Ansorg Italy

Lighting design: Ansorg Germany

Luminaires: Collection



PRODUCTS



COLLECTION CPL

- + Individualised luminaire design based on the customer's corporate identity: 'Create your own design'
- + Combination of decorative use of shapes and highly-efficient merchandise lighting



EDEKA KRAUS

HAMBURG, GERMANY



PRODUCTS



COLLECTION CPL

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- + Combination of decorative use of shapes and highly-efficient merchandise lighting



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- + Add-on accessories for reduction of scattered light



NAVO NSK

- + Innovative geometry of luminaire for a homogeneous ceiling design
- + Solid, functional shape in a matured design
- + High-performance LED module with specific radiation characteristics
- + Dynamical accentuated light distribution
- + German Design Award 2016

EDEKA KRAUS

HAMBURG, GERMANY





PROJECT DETAILS

- + Area: 922 m²
- + Photographer: Ansorg Germany
- + Lighting design: Ansorg Germany
- + Luminaires: Take, Navo, Cardo, Lightstripe, Collection





PRODUCTS



VECTO VRL

- + Possible universal uses for all lighting tasks in the salesroom
- + Ensuring correct alignment of the lighting in the store
- + Very good price/performance ratio
- + Optimum thermal management
- + Optimum flexibility
- + Attractive design, flush with the ceiling



MONA MIL

- + Decorative retro design
- + Attractive long-distance effect as an orientation guide
- + High light yield output
- + Efficient LED lighting technology
- + Two lampshade sizes, optionally customised colour design



NAVO NSK

- + Innovative geometry of luminaire for a homogeneous ceiling design
- + Solid, functional shape in a matured design
- + High-performance LED module with specific radiation characteristics
- + Dynamical accentuated light distribution
- + German Design Award 2016





PROJECT DETAILS

- + Area: 1,611 m²
- + Architect: Okas Butikkutvikling AS
- + Photographer: Focus Lighting AS, Oslo
- + Lighting design: Ansorg Germany
- + Luminaires: Navo, Take, Mona, Vecto

Backstube der Natur



BÄCKEREI BRAAKER MÜHLE

BRAAK, GERMANY

Area: 90 qm

Photographer: Jäckstein Ladenbau GmbH, Oststeinbek

Shopfitter and Lighting design: Jäckstein Ladenbau GmbH, Oststeinbek

Luminaires: Cardo



PRODUCTS



CARDO CTL

- + The design networking with the series Brick, Lightstripe and Cardo Systems favours the creation of a harmonious ceiling design
- + Due to mounting on gimbals, the light can be directed in any direction desired



LE GRAND MARCHÉ BIO

SAINT JEAN DE VEDAS, FRANCE



PRODUCTS



BOP BKL

- + Optimum functioning and great convenience
- + Value-retaining material mix of glass fibre-reinforced plastic and die cast aluminium
- + Energy-efficient lighting equipment
- + User friendly and easy to maintain
- + Add-on accessories for reduction of scattered light



COLLECTION CPL

- + Individualised luminaire design based on the customer's corporate identity: 'Create your own design'
- + Combination of decorative use of shapes and highly-efficient merchandise lighting



VECTO VRL

- + Possible universal uses for all lighting tasks in the salesroom
- + Ensuring correct alignment of the lighting in the store
- + Very good price/performance ratio
- + Optimum thermal management
- + Optimum flexibility
- + Attractive design, flush with the ceiling

LE GRAND MARCHÉ BIO

SAINT JEAN DE VEDAS, FRANCE





PROJECT DETAILS

- + Area: 570 m²
- + Photographer: Ansorg France
- + Lighting design: Ansorg Germany
- + Luminaires: Bop, Vecto, Navo, Cupola, Collection, Fastline



Quarkstriezel 3,49
Marktbrot 1,99
Kastenfalten
Schokokissen 0,99
Sonnenblumenbrötchen St. 733

Ab 16:00 Uhr
Feierabendbrötchen
10er Tüte €1,50

Nat. Spezialität
'Mignons'
St. 795€

HIEBER'S FRISCHE CENTER

SCHOPFHEIM, GERMANY



PRODUCTS



CARDO CRL

- + The design networking with the series Brick, Lightstripe and Cardo Systems favours the creation of a harmonious ceiling design
- + Due to mounting on gimbals, the light can be directed in any direction desired



PIAZZA PSL

- + Geometrical design
- + High-performance LED equipment
- + Almost maintenance-free, since no time-consuming lamp change
- + High degree of visual comfort, no glare



MONA MIL

- + Decorative retro design
- + Attractive long-distance effect as an orientation guide
- + High light yield output
- + Efficient LED lighting technology
- + Two lampshade sizes, optionally customised colour design

HIEBER'S FRISCHE CENTER

SCHOPFHEIM, GERMANY



PROJECT DETAILS

- + Area: 2,300 m²
- + Photographer: Boris Golz, Arnsberg
- + Lighting design: Ansorg Germany
- + Luminaires: Tecno, Cardo, Piazza, Lightstripe, Mona, Maxx, Collection







REMA 1000

TRONDHEIM, NORWAY



PRODUCTS



NAVO NSK

- + Innovative geometry of luminaire for a homogeneous ceiling design
- + Solid, functional shape in a matured design
- + High-performance LED module with specific radiation characteristics
- + Dynamical accentuated light distribution
- + German Design Award 2016



TAKE TKL

- + Economic efficiency and long product life due to a high-quality luminaire housing made of diecast aluminium
- + Optimised reflector technology for brilliant light quality and high efficiencies
- + Maintenance and user-friendly and can be fitted without the use of tools
- + Add-on accessories for reduction of scattered light



BIT BNL

- + Particularly economical spotlight with a light output ratio of up to 80%
- + Very good price/performance ratio (low investment per kLm)
- + Neutral, unobtrusive use of shapes

REMA 1000

TRONDHEIM, NORWAY





PROJECT DETAILS

- + Area: 720 m²
- + Photographer: Focus Lighting AS, Oslo
- + Lighting design: Ansorg Germany
- + Luminaires: Navo, Take, Bit



EDEKA SCHMITT

WALD-MICHELBAACH, GERMANY



PRODUCTS



CARDO CTL

- + The design networking with the series Brick, Lightstripe and Cardo Systems favours the creation of a harmonious ceiling design
- + Due to mounting on gimbals, the light can be directed in any direction desired



NAVO NSK

- + Innovative geometry of luminaire for a homogeneous ceiling design
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- + Dynamical accentuated light distribution
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- + Optimised reflector technology for brilliant light quality and high efficiencies
- + Maintenance and user-friendly and can be fitted without the use of tools
- + Add-on accessories for reduction of scattered light

EDEKA SCHMITT

WALD-MICHELBAACH, GERMANY



PROJECT DETAILS

- + Area: 1,388 m²
- + Photographer: Boris Golz, Arnsberg
- + Lighting design: Ansorg Germany
- + Luminaires: Cardo, Maxx, Take, Lightstripe, Navo





MARKTKAUF

WEINHEIM, GERMANY



PRODUCTS



BOP BKL

- + Optimum functioning and great convenience
- + Value-retaining material mix of glass fibre-reinforced plastic and die cast aluminium
- + Energy-efficient lighting equipment
- + User friendly and easy to maintain
- + Add-on accessories for reduction of scattered light



PIAZZA PSL

- + Geometrical design
- + High-performance LED equipment
- + Almost maintenance-free, since no time-consuming lamp change
- + High degree of visual comfort, no glare



MAXX MCL

- + Minimalistic design
- + The reflector is the shape-determining moment
- + Excellent glare-reduction of the reflectors for perfect ease of vision

MARKTKAUF

WEINHEIM, GERMANY





PROJECT DETAILS

- + Area: 7,000 m²
- + Photographer: Boris Golz, Arnsberg
- + Lighting design: Ansorg Germany
- + Luminaires: Bop, Piazza, Navo, Cardo, Maxx



EDEKA PATSCHULL

DARMSTADT, GERMANY



PRODUCTS



COLLECTION CPL

- + Individualised luminaire design based on the customer's corporate identity: 'Create your own design'
- + Combination of decorative use of shapes and highly-efficient merchandise lighting



TAKE TKL

- + Economic efficiency and long product life due to a high-quality luminaire housing made of diecast aluminium
- + Optimised reflector technology for brilliant light quality and high efficiencies
- + Maintenance and user-friendly and can be fitted without the use of tools
- + Add-on accessories for reduction of scattered light



NAVO NSK

- + Innovative geometry of luminaire for a homogeneous ceiling design
- + Solid, functional shape in a matured design
- + High-performance LED module with specific radiation characteristics
- + Dynamical accentuated light distribution
- + German Design Award 2016

EDEKA PATSCHULL

DARMSTADT, GERMANY





PROJECT DETAILS

- + Area: 1,285 m²
- + Photographer: Boris Golz, Arnsberg
- + Lighting design: Ansorg Germany
- + Luminaires: Navo, Collection, Take, Cardo, Cupola

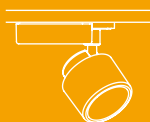


BIO COMPANY

BERLIN/KLEINMACHNOW, GERMANY



PRODUCTS



BOP BKL

- + Optimum functioning and great convenience
- + Value-retaining material mix of glass fibre-reinforced plastic and die cast aluminium
- + Energy-efficient lighting equipment
- + User friendly and easy to maintain
- + Add-on accessories for reduction of scattered light



CARDO CBL

- + The design networking with the series Brick, Lightstripe and Cardo Systems favours the creation of a harmonious ceiling design
- + Due to mounting on gim-bals, the light can be directed in any direction desired



NAVO NSK

- + Innovative geometry of luminaire for a homogeneous ceiling design
- + Solid, functional shape in a matured design
- + High-performance LED module with specific radiation characteristics
- + Dynamical accentuated light distribution
- + German Design Award 2016

BIO COMPANY

BERLIN/KLEINMACHNOW, GERMANY





PROJECT DETAILS

- + Area: 557 m²
- + Photographer: Ansorg Germany
- + Lighting design: Ansorg Germany
- + Luminaires: Bop, Navo, Cardo, Tecno, Linea



SUPERMARCHÉ BI 1 SCHIEVER

AILLANT SUR THOLON, FRANCE



PRODUCTS



BOP BKL

- + Optimum functioning and great convenience
- + Value-retaining material mix of glass fibre-reinforced plastic and die cast aluminium
- + Energy-efficient lighting equipment
- + User friendly and easy to maintain
- + Add-on accessories for reduction of scattered light



NAVO NSK

- + Innovative geometry of luminaire for a homogeneous ceiling design
- + Solid, functional shape in a matured design
- + High-performance LED module with specific radiation characteristics
- + Dynamical accentuated light distribution
- + German Design Award 2016



CARDO CBL

- + The design networking with the series Brick, Lightstripe and Cardo Systems favours the creation of a harmonious ceiling design
- + Due to mounting on gimbals, the light can be directed in any direction desired

SUPERMARCHÉ BI 1 SCHIEVER

AILLANT SUR THOLON, FRANCE



PROJECT DETAILS

- + Area: 2,750 m²
- + Photographer: Ansorg France
- + Lighting design: Ansorg Germany
- + Luminaires: Bop, Navo, Fastline, Collection





REWE BÜSKEN

RAESFELD, GERMANY

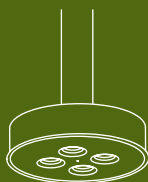


PRODUCTS



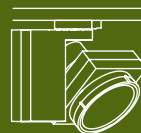
CARDO CRL

- + The design networking with the series Brick, Lightstripe and Cardo Systems favours the creation of a harmonious ceiling design
- + Due to mounting on gimbals, the light can be directed in any direction desired



PIAZZA PRL

- + Geometrical design
- + High-performance LED equipment
- + Almost maintenance-free, since no time-consuming lamp change
- + High degree of visual comfort, no glare



TAKE TKL

- + Economic efficiency and long product life due to a high-quality luminaire housing made of diecast aluminium
- + Optimised reflector technology for brilliant light quality and high efficiencies
- + Maintenance and user-friendly and can be fitted without the use of tools
- + Add-on accessories for reduction of scattered light

REWE BÜSKEN

RAESFELD, GERMANY



PROJECT DETAILS

- + Area: 1,100 m²
- + Shopfitting: REWE Bauabteilung, Köln
- + Photographer: Ansorg Germany
- + Lighting design: Ansorg Germany
- + Luminaires: Take, Navo, Cardo, Piazza, Classic Ball





Käse



MARKANT

DÄNISCHENHAGEN, GERMANY

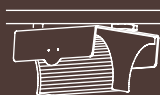


PRODUCTS



CARDO CRL

- + The design networking with the series Brick, Lightstripe and Cardo Systems favours the creation of a harmonious ceiling design
- + Due to mounting on gimbals, the light can be directed in any direction desired



NAVO NSK

- + Innovative geometry of luminaire for a homogeneous ceiling design
- + Solid, functional shape in a matured design
- + High-performance LED module with specific radiation characteristics
- + Dynamical accentuated light distribution
- + German Design Award 2016



TECNO TML

- + Reduction to a basic geometrical shape
- + Large variety of accessories permits different lighting scenarios

MARKANT

DÄNISCHENHAGEN, GERMANY



PROJECT DETAILS

- + Area: 1,270 m²
- + Photographer: Ansorg Germany
- + Lighting design: Ansorg Germany
- + Luminaires: Navo, Cardo, Tecno, Pizza, Lightstripe







PRODUCTS



NAVO NSK

- + Innovative geometry of luminaire for a homogeneous ceiling design
- + Solid, functional shape in a matured design
- + High-performance LED module with specific radiation characteristics
- + Dynamical accentuated light distribution
- + German Design Award 2016



COLLECTION CPL

- + Individualised luminaire design based on the customer's corporate identity: 'Create your own design'
- + Combination of decorative use of shapes and highly-efficient merchandise lighting



VECTO VRL

- + Possible universal uses for all lighting tasks in the salesroom
- + Ensuring correct alignment of the lighting in the store
- + Very good price/performance ratio
- + Optimum thermal management
- + Optimum flexibility
- + Attractive design, flush with the ceiling





PROJECT DETAILS

- + Area: 3,100 m²
- + Photographer: Tobias Trapp, Oldenburg
- + Lighting design: Ansorg Germany
- + Luminaires: Navo, Pizza, Tecno, Fastline, Collection, Orio, Vecto, Lightstripe





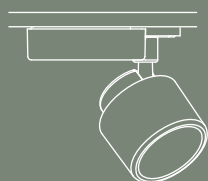
TAKE A
CLOSER
LOOK
AT PRODUCTS

PRODUCTS AT A GLANCE

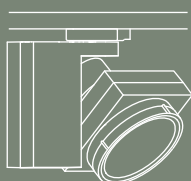
SPOTLIGHTS



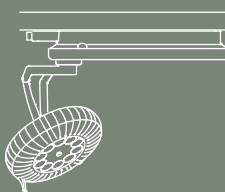
BOP
132



TAKE
134



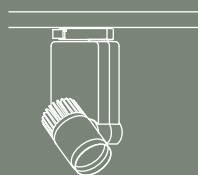
ORIO
136



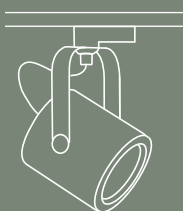
NAVO
138



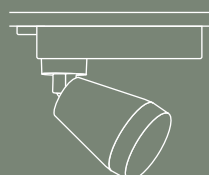
BIT
140



TECNO
142



BRICK
144



RECESSED SPOTLIGHTS

VECTO
148



CARDO
150



BOP
152



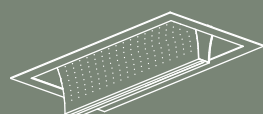
BIT
154



ORIO
156



NAVO
158



DOWNLIGHTS

MAXX
162



PIZZA
164

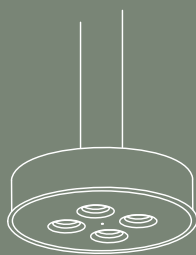


SUSPENDED LUMINAIRES

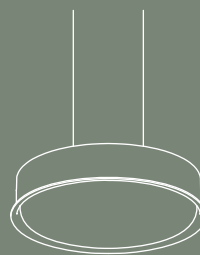
COLLECTION
168



PIAZZA
170



PIZZA
172



MONA
174



ORIO
176

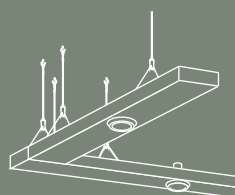


SYSTEMS

LIGHTSTRIPE
180



FLOATLINE
182



SPOT LIGHTS

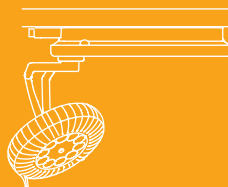
BOP
132



TAKE
134



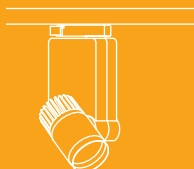
ORIO
136



NAVO
138



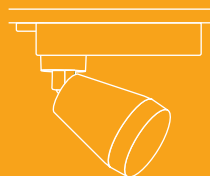
BIT
140



TECNO
142



BRICK
144





Colour


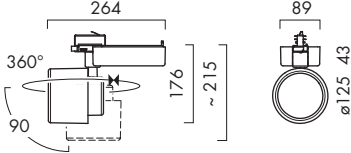





LED

The compact spotlight BOP was conceived for the power track and as a product for semi-recessing. BOP provides an optimum price/performance ratio. The design is balanced and characterised by generously dimensioned radii. BOP gives the ceiling an uncluttered appearance and is recommended also for low room heights and for suspended ceilings with shallow recessing depths.

BOP



	Lumen category	CRI/CCT	Reflector	
Bop BKL	2000 lm	830 840 927	 Spot	
	3000 lm		 Medium-Flood	
	4000 lm	830 840	 Flood  Wide-Flood	

The information for the photometric values are standard values and refer to the entire luminaire.

Optional accessories on request.
More product variants BOP: Recessed spotlights page 152



Colour




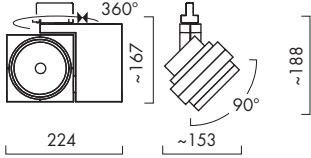


LED

The spotlight TAKE embodies modern, sophisticated design and brilliant light quality. The horizontal arrangement of the ballast housing and the lighting head makes the spotlight, with its very low mounting height, appear compact and, at the same time, light. Not least, TAKE impresses with its ease of maintenance and user-friendliness.

TAKE



	Lumen category	CRI/CCT	Reflector	
Take TKL	3000 lm	830 840 927	 Spot  Medium-Flood  Flood	
	4000 lm			
	2000 lm	Meat		

The information for the photometric values are standard values and refer to the entire luminaire.

Optional accessories on request.



Colour


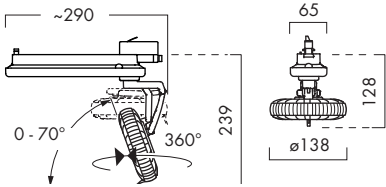


LED

ORIO is eye-catching due to its original and high-quality design. ORIO presents itself unmistakably in its functional design on the power track, as a recessed version or as a suspended luminaire and can be particularly recommended for modern and sophisticated lighting concepts in all sectors. The innovative joint mechanism permits flexible orientation of the lighting head. Powerful LED modules in combination with novel reflector geometry produce rotationally symmetrical light imaging. In order to supplement the brilliant light quality from ORIO or to change the beam angle, lenses can be changed without the use of tools.

ORIO



	Lumen category	CRI/CCT	Beam angles	
Orio TPL	2500 lm	830	 Spot	

The information for the photometric values are standard values and refer to the entire luminaire.

Optional accessories: Lens tools: set of three lenses for the beam angles Medium Flood, Flood and Flood oval
More product variants ORIO: Recessed spotlights page 156
Suspended luminaires page 176



Colour




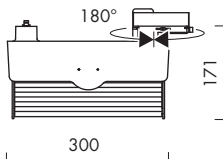
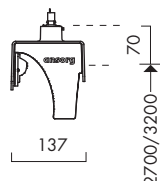

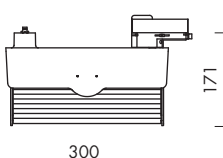
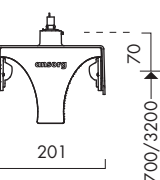

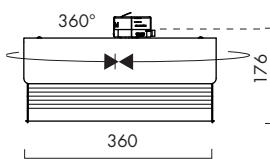
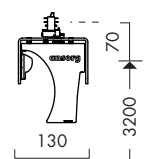

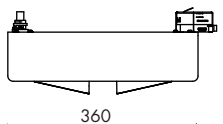
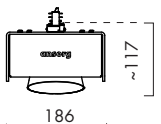
LED

Using efficiently LED technology NAVO sets the standards for an economical and sales-promoting ambient lighting equally suitable for food and non-food. Larger sections of shelves can also be efficiently and economically illuminated. NAVO is available as spotlight and recessed spotlight each with directional or double-directional washer. In addition a spotlight wallwasher for high decorations and a downlight for general lighting is available.

The German Design Council awarded NAVO with the German Design Award 2016 Special Mention in the category of Lighting.

NAVO



	Lumen category	CRI/CCT	Reflector	
Navo NSK	4000 lm	830 840 927	 directional washer	 
	8000 lm		 double directional washer	 
Navo NSW	4000 lm		 Wallwasher	 
Navo NSG	6000 lm	830	 2 x Wide-Flood	 

The information for the photometric values are standard values and refer to the entire luminaire.

Optional accessories on request.

More product variants NAVO: Recessed spotlights page 158



Colour



LED

In the form of the surface-mounted spotlight BIT, the product range was extended by a very economical spotlight. The neutral, unobtrusive use of shapes makes it possible for BIT to be used in a variety of ways.

BIT



	Lumen category	CRI/CCT	Reflector	
Bit BNL	2000 lm	830 840 927	<div>Spot</div> <div>Medium-Flood</div> <div>Flood</div>	<div></div> <div></div>

The information for the photometric values are standard values and refer to the entire luminaire.

Optional accessories on request.
More product variants BIT: Recessed spotlights page 154



Colour


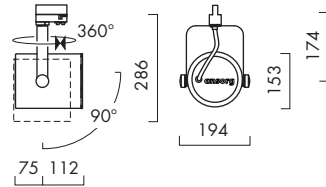




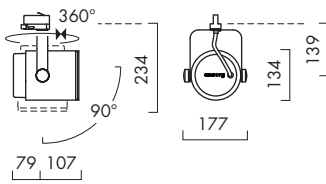



LED

With a functional, minimalistic shape TECNO spotlights are ideal for numerous lighting tasks. The use of optimised reflector efficiency guarantee high economic efficiency.

TECNO



	Lumen category	CRI/CCT	Reflector		
Tecno TBL	3000 lm	830 840 927	 Spot		
	4000 lm		 Medium-Flood		
	2000 lm	Meat	 Flood		
			 Wide-Flood		
Tecno TML	2000 lm	830 840 927	 Spot		
	3000 lm				 Medium-Flood
	4000 lm				
	2000 lm	Meat			

The information for the photometric values are standard values and refer to the entire luminaire.

Optional accessories on request.



Colour



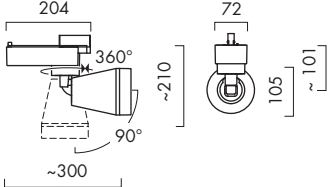




LED

With pared-down shapes and functional flexibility, the BRICK spotlight range permits a large number of design and lighting schemes. The spots can be turned through 360° and tilted 90° and hence it is possible to illuminate the whole room, the light reaching almost every position in it. Through the four different beam angles BRICK can be recommended both for ambient and accent lighting purposes, in shops and stores as well as for transit zones in public buildings.

BRICK



	Lumen category	CRI/CCT	Reflector	
Brick BML	2000 lm	830 840 927	 Spot  Medium-Flood	
	3000 lm	830 840	 Flood  Wide-Flood	

The information for the photometric values are standard values and refer to the entire luminaire.

Optional accessories on request.

RECESSED SPOT LIGHTS

VECTO
148



CARDO
150



BOP
152



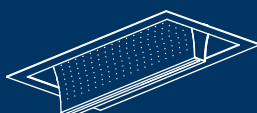
BIT
154



ORIO
156



NAVO
158





Colour





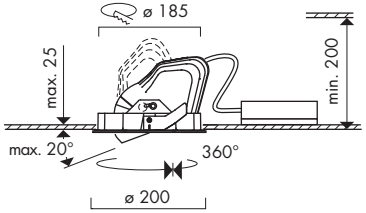
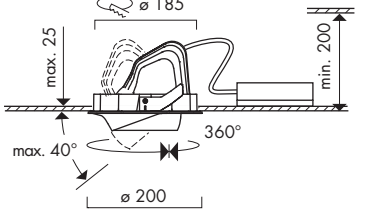
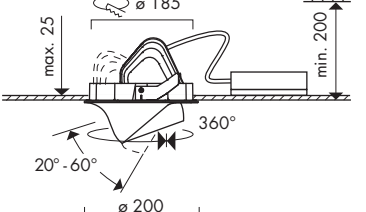


LED

VECTO - the efficient allrounder in the salesroom. Thanks to variable design variants and reticent, timeless design, VECTO is uniquely versatile and ensures correct alignment of the lighting in the store. Its areas of use include both orientatable ambient lighting and accent lighting, the latter equally for the wall area and for the interior.

VECTO



	Lumen category	CRI/CCT	Reflector	
Vecto VDL	3000 lm 4000 lm 5000 lm	830 840 927	 Spot  Medium-Flood  Flood  Wide-Flood	
	2000 lm	Meat		
Vecto VML	3000 lm 4000 lm 5000 lm	830 840 927		
	2000 lm	Meat		
Vecto VRL	3000 lm 4000 lm 5000 lm	830 840 927		
	2000 lm	Meat		

The information for the photometric values are standard values and refer to the entire luminaire.

Optional accessories on request.



Colour


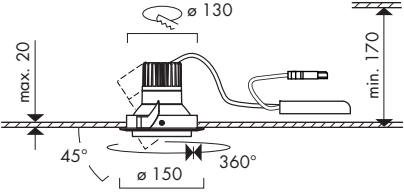




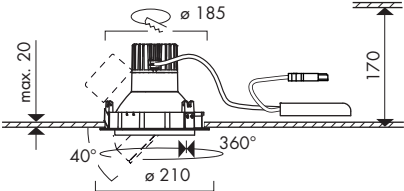




LED

The CARDO product family comprises circular gimbal-mounted, recessed spotlights. At the same time, standardisation of the diameters (130 mm and 185 mm) not only gives the ceiling a calm, harmonious appearance but also permits combination with luminaires from any of our other product series. For complex and economical lighting schemes, recessed spotlights and downlights are therefore available.

CARDO



	Lumen category	CRI/CCT	Reflector	
Cardo CBL	2000 lm	830 840 927	 Spot	
	3000 lm		 Medium-Flood	
	max. 2650 lm	927	 Flood  Wide-Flood	
Cardo CTL	3000 lm	830 840 927	 Medium-Flood	
	4000 lm		 Flood	
	2000 lm	Meat	 Wide-Flood	

The information for the photometric values are standard values and refer to the entire luminaire.

Optional accessories on request.



Colour


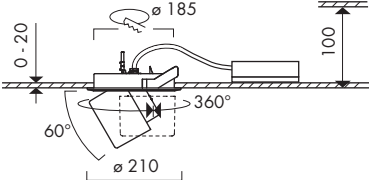





LED

The compact spotlight BOP was conceived for the power track and as a product for semi-recessing. BOP provides an optimum price/performance ratio. The design is balanced and characterised by generously dimensioned radii. BOP gives the ceiling an uncluttered appearance and is recommended also for low room heights and for suspended ceilings with shallow recessing depths.

BOP



	Lumen category	CRI/CCT	Reflector	
Bop BKL	2000 lm	830 840 927	 Spot	
	3000 lm		 Medium-Flood	
	4000 lm	830 840	 Flood  Wide-Flood	

The information for the photometric values are standard values and refer to the entire luminaire.

Optional accessories on request.
More product variants BOP: Spotlights page 132



Colour




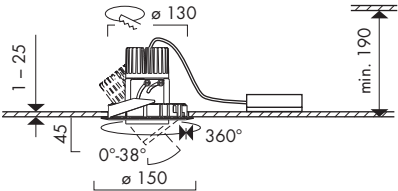


LED

In the form of the surface-mounted spotlight BIT, the product range was extended by a very economical spotlight. The neutral, unobtrusive use of shapes makes it possible for BIT to be used in a variety of ways.

BIT



	Lumen category	CRI/CCT	Reflector	
Bit BRL	2000 lm	830 840 927	<div> Spot</div> <div> Medium-Flood</div> <div> Flood</div>	

The information for the photometric values are standard values and refer to the entire luminaire.

Optional accessories on request.
More product variants BIT: Spotlights page 140



Colour


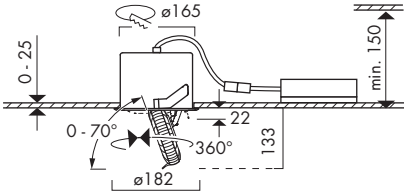


LED

The LED spotlight ORIO is eye-catching due to its original and high-quality design. ORIO presents itself unmistakably in its functional design on the power track or as a recessed version and can be particularly recommended for modern and sophisticated lighting concepts in all sectors. The innovative joint mechanism permits flexible orientation of the lighting head. Powerful LED modules in combination with novel reflector geometry produce rotationally symmetrical light imaging. In order to supplement the brilliant light quality from ORIO or to change the beam angle, lenses can be changed without the use of tools.

ORIO



	Lumen category	CRI/CCT	Beam angles	
Orio TPL	2500 lm	830	 Spot	

The information for the photometric values are standard values and refer to the entire luminaire.

Optional accessories: lens tools: set of three lenses for the beam angles Medium Flood, Flood and Flood oval
More product variants ORIO: Spotlights page 136
Suspended luminaires page 176



Colour




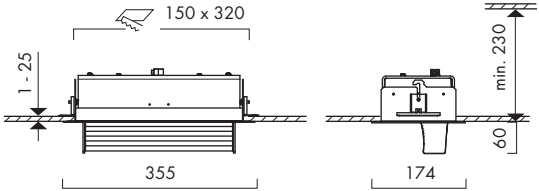

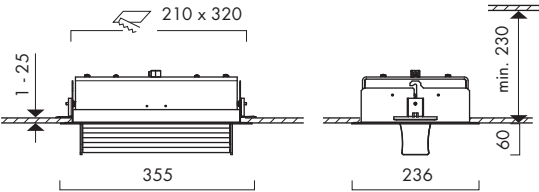
LED

Using efficiently LED technology NAVO sets the standards for an economical and sales-promoting ambient lighting equally suitable for food and non-food. Larger sections of shelves can also be efficiently and economically illuminated. NAVO is available as spotlight and recessed spotlight each with directional or double-directional washer. In addition a spotlight wallwasher for high decorations and a downlight for general lighting is available.

The German Design Council awarded NAVO with the German Design Award 2016 Special Mention in the category of Lighting.

NAVO



	Lumen category	CRI/CCT	Reflector	
Navo NEK	4000 lm	830 840 927	 directional washer	
	8000 lm		 double directional washer	

The information for the photometric values are standard values and refer to the entire luminaire.

Optional accessories on request.
 More product variants NAVO: Spotlights page 138

DOWN LIGHTS

MAXX
162



PIZZA
164






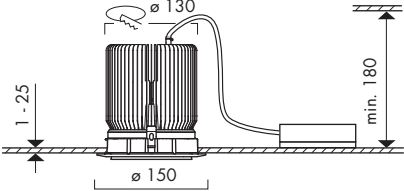




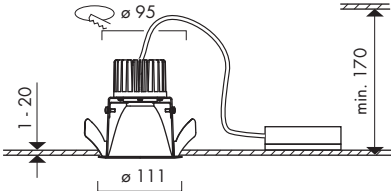
Colour



LED

The MAXX product line is a range of luminaires of uniformly shaped design for universal lighting tasks. Innovative reflector equipment produces glare-free light and thus provides good visibility. Different reflector sizes and beam angles provide precise lighting options for a variety of uses.



	Lumen category	CRI/CCT	Reflector	
Maxx MBL	3000 lm	830 840	 Flood	
	4000 lm			
	5000 lm			
Maxx MCL	2000 lm	830 840	 Medium-Flood  Flood  Wide-Flood  Very-Wide-Flood	
	3000 lm			

The information for the photometric values are standard values and refer to the entire luminaire.



Colour


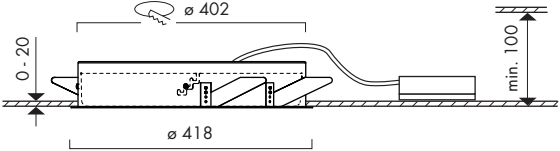
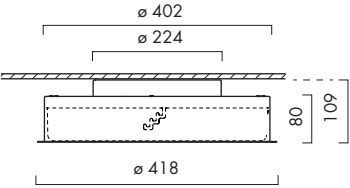


LED

PIZZA is a downlight series for compact fluorescent lamps. The luminaires are closed with white opal acrylic glasses. Thus the impression of a hovering disc or the appearance of diffused daylight falling through an opening in the ceiling is created. The range is supplemented by luminaires with integrated powerful downlights for accentuation. PIZZA is suitable both for ambient lighting and for the entrance areas or points of decoration.

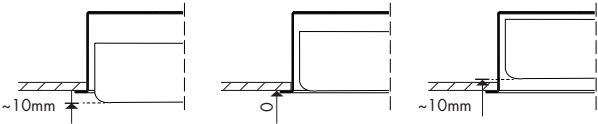
PIZZA



	Lumen category	CRI/CCT	Reflector	
Pizza PLL	max. 2500 lm	830	 VeryWide-Flood	
Pizza PAL				

The information for the photometric values are standard values and refer to the entire luminaire.

height-adjustable
in three positions



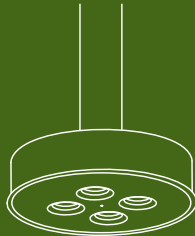
More product variants PIZZA: Suspended luminaires page 172

SUSPENDED LUMINAIRES

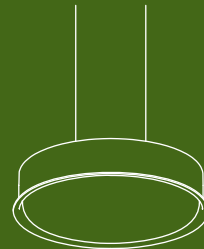
COLLECTION
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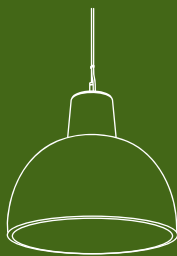
PIAZZA
170



PIZZA
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MONA
174



ORIO
176





Colour



LED

COLLECTION, is a series of suspended luminaires which harmoniously unites the aspects of emotionality and technology. Particularly to be emphasised, however, is the possibility of individual design of the luminaires; as desired, the most varied materials can be used for the lamp shade. But there are also no limits to creativity for the basic shapes. 'Create your own identity' is the principle/product idea/guiding idea of COLLECTION.

Basic principle:



+


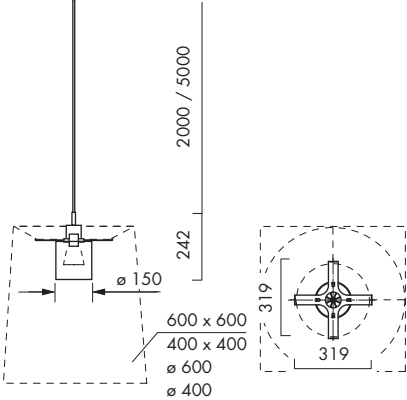


LAMP SHADES
(4 options)

FURTHER VERSIONS ON REQUEST

COLLECTION



	Lumen category	CRI/CCT	Reflector	
Collection CPL	3000 lm	830 840	 Flood	
	4000 lm			

The information for the photometric values are standard values and refer to the entire luminaire.



Colour



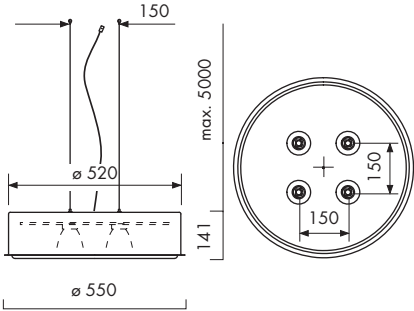
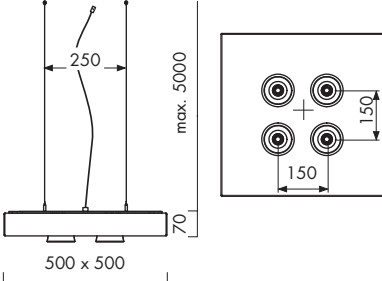


LED

The Piazza suspended luminaire series is presented in an appealing, geometrical design. The luminaire was developed for great room heights of five metres and more. Due to the use of different beam angles it is recommended for a homogeneous and also for accentuated ambient lighting. Piazza is available in a square and also in a round version with diffuser plate for functional light with an attractive long-distance effect.

PIAZZA



	Lumen category	CRI/CCT	Reflector	
Piazza PRL	8000 lm 10000 lm 12000 lm	830 840	 Wide-Flood  VeryWide-Flood	
Piazza PSL				

The information for the photometric values are standard values and refer to the entire luminaire.



Colour


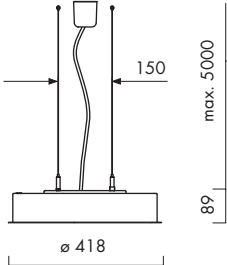


LED

PIZZA is a downlight series for compact fluorescent lamps. The luminaires are closed with white opal acrylic glasses. Thus the impression of a hovering disc or the appearance of diffused daylight falling through an opening in the ceiling is created. The range is supplemented by luminaires with integrated powerful downlights for accentuation. PIZZA is suitable both for ambient lighting and for the entrance areas or points of decoration.

PIZZA



	Lumen category	CRI/CCT	Reflector	
Pizza PPL	max. 2500 lm	830	 VeryWideFlood	

The information for the photometric values are standard values and refer to the entire luminaire.

More product variants PIZZA: Downlights page 164


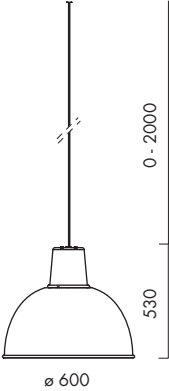
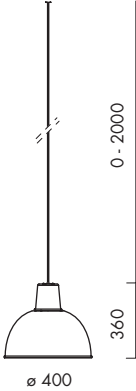


LED

MONA is a suspended luminaire series in a classic retro design which fulfils both the demand for decorative and emotional lighting and the aspect of technical and functional illumination of goods at a high level. To be particularly emphasised is the efficient and powerful LED technology in conjunction with reflectors with various beam angles. In addition, MONA is suitable for lighting at computer workstations. MONA is available in two lampshade sizes: with a diameter of 400 mm or 600 mm. For customised design the lampshade can be painted in any RAL colour.

MONA



	Lumen category	CRI/CCT	Reflector	
Mona MIL	2000 lm	830 840 927	 WideFlood	 ø 600
	3000 lm			
	4000 lm			
	2000 lm	Meat		 ø 400

The information for the photometric values are standard values and refer to the entire luminaire.

Optional accessories on request.



Colour


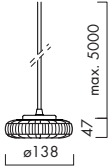


LED

ORIO is eye-catching due to its original and high-quality design. ORIO presents itself unmistakably in its functional design on the power track, as a recessed version or as a suspended luminaire and can be particularly recommended for modern and sophisticated lighting concepts in all sectors. The innovative joint mechanism permits flexible orientation of the lighting head. Powerful LED modules in combination with novel reflector geometry produce rotationally symmetrical light imaging. In order to supplement the brilliant light quality from ORIO or to change the beam angle, lenses can be changed without the use of tools.

ORIO



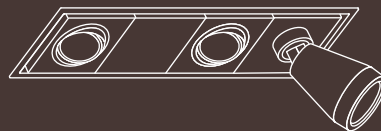
	Lumen category	CRI/CCT	Beam angles	
Orio TPL	2500 lm	830	 Spot	

The information for the photometric values are standard values and refer to the entire luminaire.

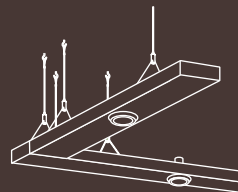
Optional accessories: Lens tools: set of three lenses for the beam angles Medium Flood, Flood and Flood oval
 More product variants ORIO: Spotlights page 136
 Recessed spotlights page 156

SYSTEMS

LIGHTSTRIPE
180



FLOATLINE
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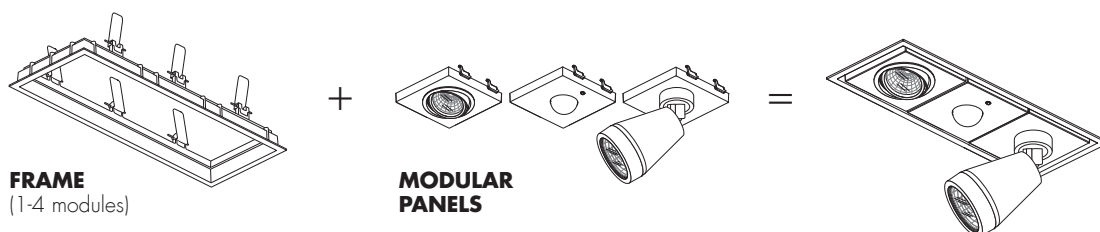
Colour



LED

LIGHTSTRIPE is a modular luminaire system. The fitting frames are available in four sizes fastened in the ceiling cut-out without any use of tools. The modular panels are equipped with different types of luminaires and are fastened in the fitting frame by means of a suspension mechanism, without the help of tools. All of the modular panels can be replaced at any time and their variants are designed in such a way that they flexibly perform every lighting task.

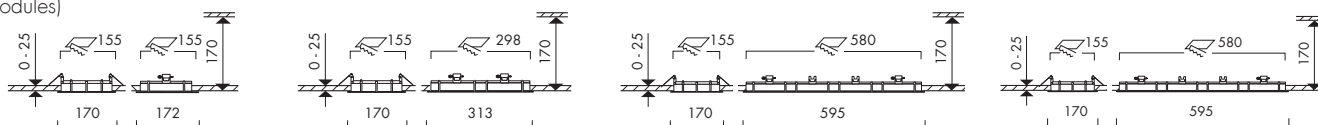
Basic principle:




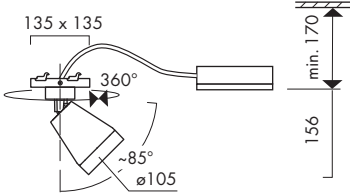



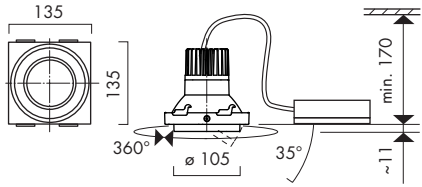



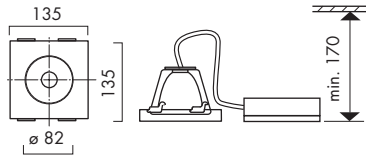



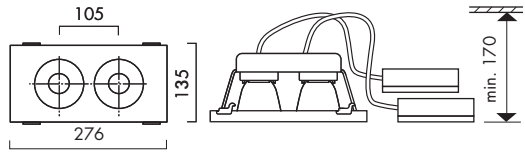

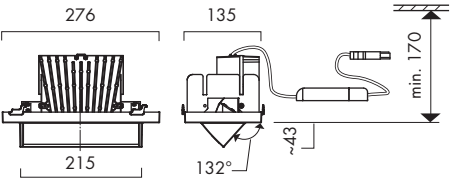
FRAME

(1-4 modules)

LLS



LIGHTSTRIPE

	Lumen category	CRI/CCT	Reflector	
Lightstripe LDL	2000 lm	927	 Spot	
	3000 lm	830 840		
Lightstripe LCL	2000 lm	830 840 927	 Medium-Flood  Flood  Wide-Flood	
	3000 lm	830 840		
	max. 2650 lm	927		
Lightstripe LEL	2000 lm	830 840	 Flood  Wide-Flood  Very-Wide-Flood	1 module 
	3000 lm			
	4000 lm	830 840	 Flood  Wide-Flood  Very-Wide-Flood	2 modules 
	6000 lm			
Lightstripe LWL	3000 lm	830 840 927	 Wallwasher	
	4000 lm			

The information for the photometric values are standard values and refer to the entire luminaire.

Optional accessories on request.



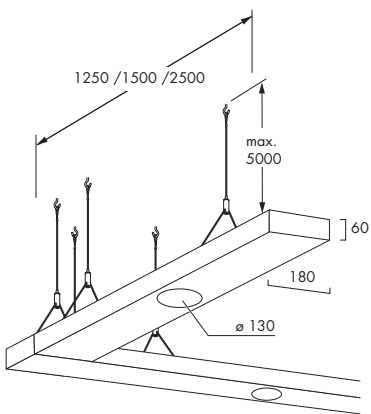
Colour



LED

With FLOATLINE, Ansorg provides an economical, linear suspended luminaire system that was developed specially for high-walled salesrooms covering a large area. Profiles for recessed spotlights or downlights with cutout Ø 130 mm. FLOATLINE is suitable in particular for use above counters and promotional activity areas.

FLOATLINE



+ Luminaires Recessed spotlight Cardo CBL Page 150
Downlight Maxx MBL Page 162

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