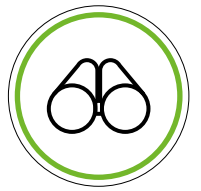


ISOLED[®]

CUSTOMISED LIGHT SOLUTIONS



INDUSTRY FOCUS

YOUR ASSISTANT FOR ACHIEVING JUST THE RIGHT APPEAL FOR YOUR BUSINESS

CARPENTER, FURNITURE MANUFACTURER AND KITCHEN PLANNER





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PRODUCT RANGE



9 Assembly



10 LED flex stripes



12 LED profiles

2 

14 LED tubes and diffuser luminaires

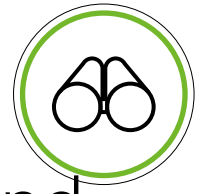


15 LED lighting ready to plug in



20 LED highbay luminaires





Carpenter, furniture manufacturer and kitchen planner

Ecologically sensible, economically valuable!

If you once considered light bulbs like the light bulb as a consumable item, the more expensive LED light source is considered a long-term and quickly amortized investment with a focus on energy and cost efficiency.

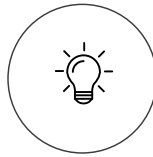


YOUR ADDED VALUE WITH ISOLED®!



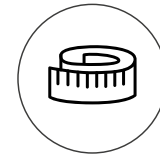
Standardised Product range

- More than 3,050 products
- High-end LED components
- High product availability



Intelligent project lighting solutions

- Scalable LED control technology
- Holistic LED lighting systems
- Personal project support



Customer-specific Manufacture

- Manufactured light elements
- Precise custom production
- Delivery ready for installation

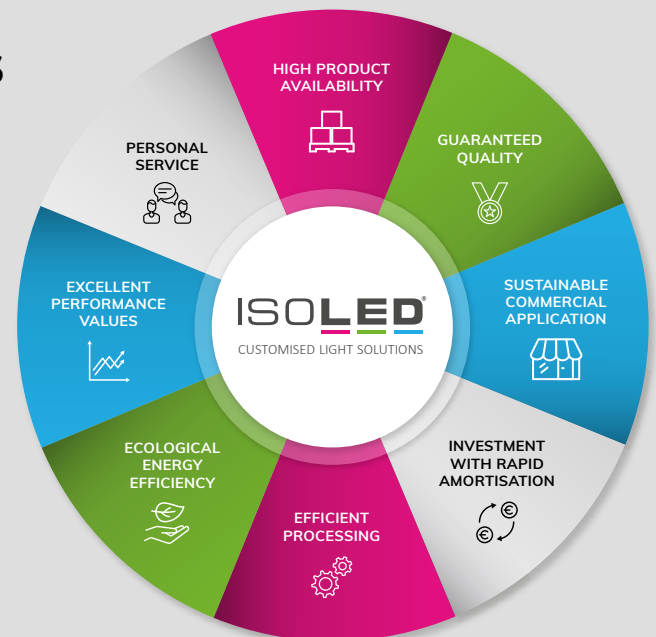
CUSTOMISED LIGHT SOLUTIONS

SUSTAINABLE EFFICIENCY IMPROVEMENT WITH SMART LED LIGHTING CONCEPTS

We are a full-range LED supplier for individual lighting concepts and orient ourselves in the design of our wide product range to both the

- Requirements of our customers as well as on the
- technical progress of LED technology.

Excellent quality, high consulting competence of our employees as well as sustainable growth of our company ensure a reliable and long-term demand coverage with innovative LED lighting solutions for our partners.



99,3 %

OF OUR CUSTOMERS RECOMMEND ISOLED® TO OTHERS!

#1 SUCCESS FACTORS
COMPETENT CUSTOMER SERVICE
PERSONAL SERVICE

We advise you!

We develop and plan your individual solution together with you.

We realize your project!

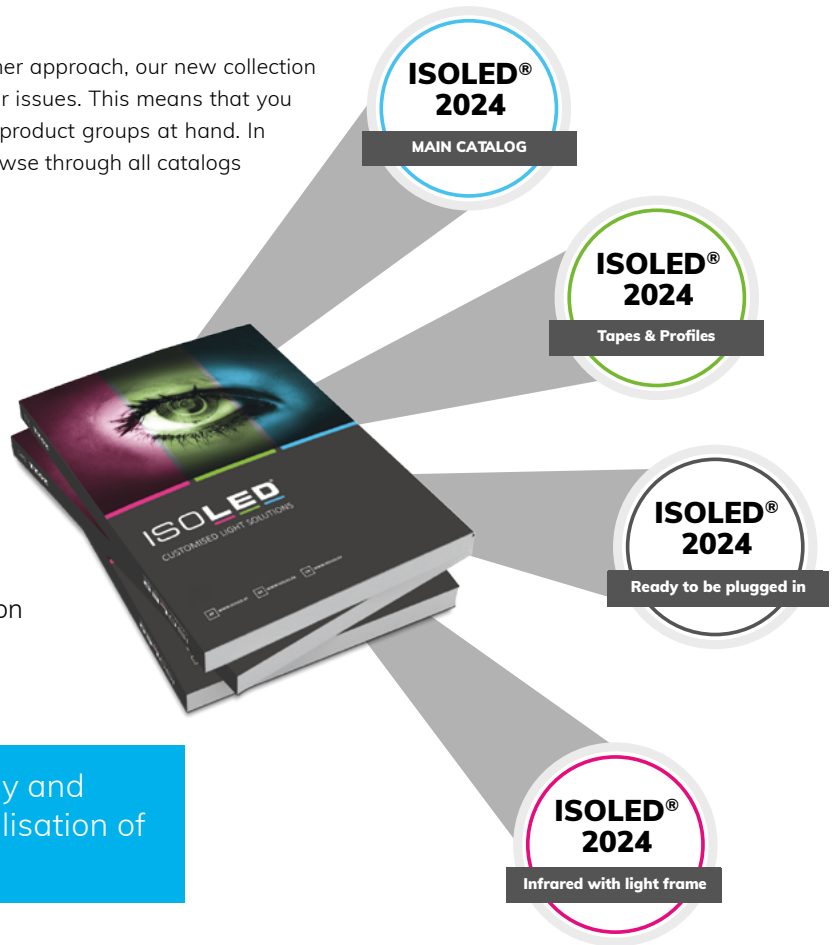


THE NEW PRODUCT CATALOG COLLECTION ISOLED® 2024

All good things come in fours! For a targeted customer approach, our new collection of ISOLED®2024 product catalogs is divided into four issues. This means that you always have the right catalog with the appropriate product groups at hand. In the spirit of sustainability, you can of course also browse through all catalogs online.

Four topic-specific Catalogs

- » 1200 pages full of highlights
- » Available in: DE, EN, FR, IT & HU
- » Online flip catalog and up valuable print version
- » Prefabricated lighting components
- » Individual lighting concepts
- » Sustainable, intelligent lighting solutions
- » Custom-made products and OEM production



We advise you personally and support you with the realisation of your projects!

DISCOVER ISOLED® ON YOUTUBE

Want to know what the United Glare Rating is all about? Or how to professionally install a drywall profile?

On our new YouTube channel you will find a constantly growing collection of videos on assembly instructions, product worlds, practical applications and knowledge topics.



You Tube VIDEOS ON ALL LED TOPICS



Up to 80 % cost reduction

Fast amortization of investments made and strong cost reduction (with LED illuminants from ISOLED® up to 80 % cost saving compared to traditional illuminants) immediately relieve the running operating costs.

Transparency of your investment costs with a payback calculation from ISOLED® is possible at any time.

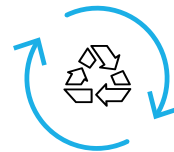
We are looking forward to your inquiry!

Why LED?

ALL ADVANTAGES AT A GLANCE



LED ARE ENERGY AND COST EFFICIENT



LEDS ARE NOT HAZARDOUS WASTE



WATERPROOF LEDES



LED ARE ROBUST AND INSENSITIVE



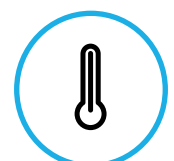
LEDS PRODUCE LIGHT IMMEDIATELY



CONTINUOUSLY ADJUSTABLE



LED INVESTMENT WITH FAST AMORTIZATION!



LOW HEAT EMISSION



PRODUCT RANGE

CUSTOMISED LIGHT SOLUTIONS

ECONOMICALLY VALUABLE | ECOLOGICALLY SENSIBLE



LED flex stripes



LED profiles



LED tubes and diffuser luminaires



LED lighting ready to plug in

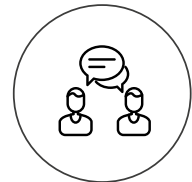


LED highbay luminaires

#1



**COMPETENT
CUSTOMER SERVICE**



**PERSONAL
SERVICE**



3.050
LED items

439 NEW
Quality products

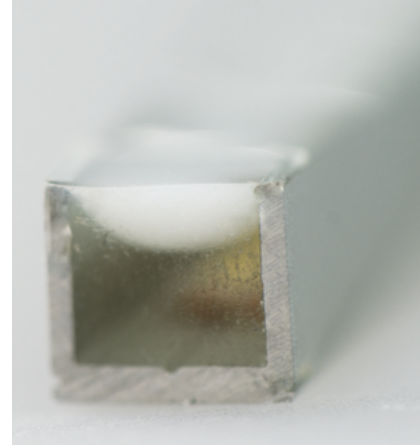
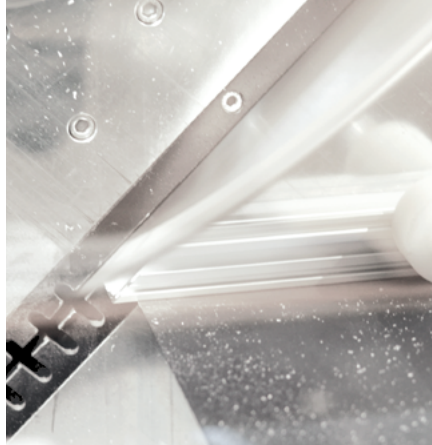
1.200 pages
full of highlights!



ISOLED® Catalog
exclusively for our partners online
and as a high quality print version

Annual catalog with
1200 pages in 5 languages
(35.000 pcs./edition)





CUSTOMISED ASSEMBLY

Focus your efforts on your core competences.

WE TAKE OVER THE PROFESSIONAL MANUFACTURING!

We are a customer-oriented company and, in addition to our extensive product range, offer services with sustainable added value. This includes, among other things, the professional assembly of light building elements with LED flex stripes, LED aluminum profiles and their additional components, which we are happy to take over for you.

Competent and reliable according to custom requirements!

You save valuable working time!

You can immediately start with the installation!

You have the certainty that your LED lighting will work reliably!

We advise you.



Assembly of LED flex stripes



Assembly of LED profiles



Merging LED flex stripes and aluminum profiles



Wiring with LED technology

Manufactured light elements
Precise manufacturing
Delivery ready for installation

PRECISE - FAST - RELIABLE



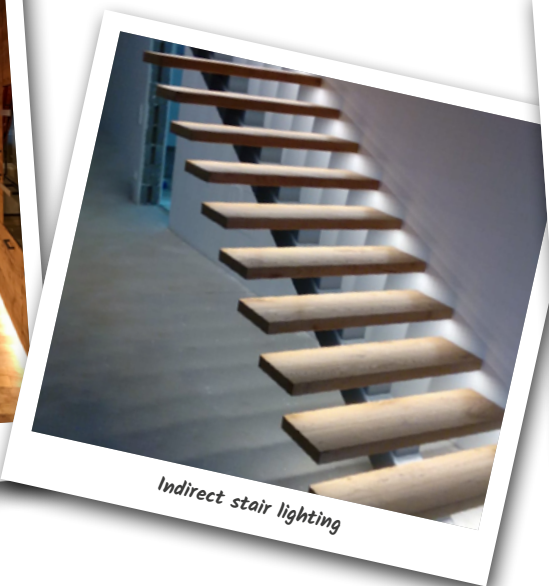
Homogenous lighting solutions with powerful Highend-LED-Technology

LED FLEX STRIPES

ISOLED® Flex tapes are particularly characterized by their strong conductor tracks (reduction of the voltage drop) and high-quality components. The power consumption drops, the heat development on the circuit boards is reduced. We offer a wide range of LED flex strips with a length of up to 15 meters per roll.



Indirect linear lighting



Indirect stair lighting



Modern effect lighting

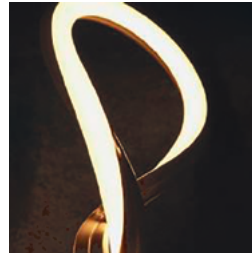




AQUA series



NEON series



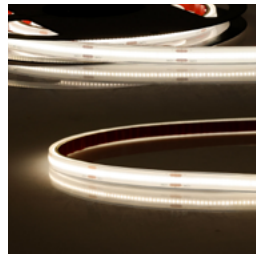
NEON Professional
Custom Series



Constant Current
series



HEQ series



High temperature
series



COB linear series



LINEAR CRI90+
series



LINEAR 48V
CRI90+ series



MICRO series



Digital
SPI/Neopixel
flex stripes



Flex stripes for
special applications



SIL IP66 series



SIL IP20 series



Flex strips
accessories



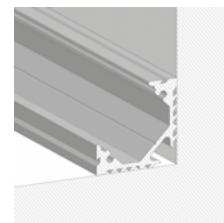
Homogenous lighting solutions with powerful Highend-LED-Technology

LED PROFILES

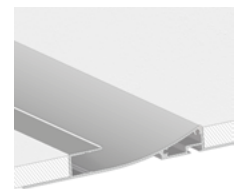
They are made of high quality anodized aluminum and can be used anywhere. We offer numerous designs for both installation and assembly. In combination with a cable channel, stand-alone LED pendant lights with / without wire suspension can be put together and installed. The desired lighting results can be achieved with transparent or satined covers. End caps and a wide range of accessories complete our easy-to-install LED profile systems.

SURFACE-MOUNTING/ PROFILES RECESSED

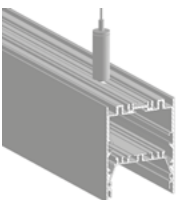
UP TO 9 mm FLEX STRIP WIDTH	10 mm FLEX STRIP WIDTH	11 mm FLEX STRIP WIDTH	12 mm FLEX STRIP WIDTH
13-19 mm FLEX STRIP WIDTH	20-21 mm FLEX STRIP WIDTH	FROM 22 mm FLEX STRIP WIDTH	



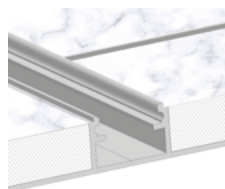
CORNER PROFILES



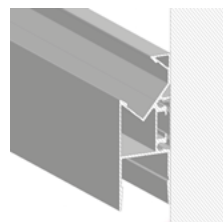
DRY WALL PROFILES



LUMINAIRE LED PROFILES



TILES LED PROFILES



PROFILES FOR INDIRECT LIGHTING



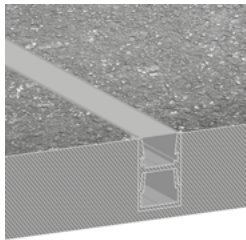
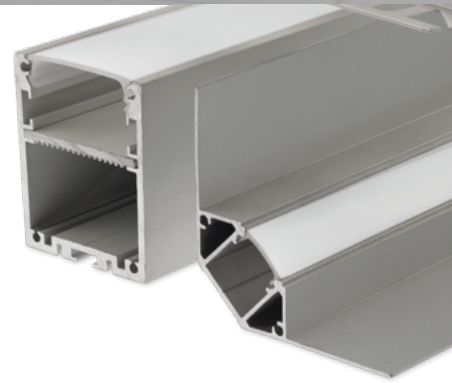
PROFILE ACCESSORIES



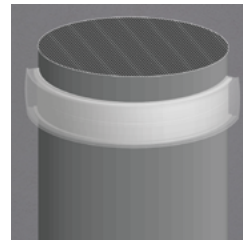


All PROFILES including technical details can be found in the new product catalog ISOLED®

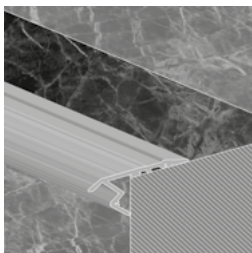
SPECIAL AND FLEXIBLE PROFILES



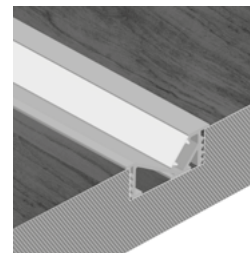
Accessible and drivable profiles



Flexible profiles



Stair profiles



Furniture profiles



Innovative sustainability for business and industry.

LED TUBES AND DIFFUSER LUMINAIRES



LED tubes conventional ballast compatible



Tri Proof Luminaires



LED tubes with cable



MINIAMP

READY TO PLUG IN

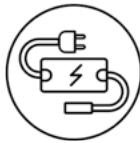
A large range full of design variety
and ambitious functionality

PRODUCT BOOK-
LET AVAILABLE AS
DOWNLOAD OR
PRINT VERSION

LED LIGHTING READY TO PLUG



**FASTER AND SAFER
INSTALLATION**



**RELIABLE, READY-TO-
PLUG-IN TRANSFORMER
SYSTEMS**



**FLAT AND SPACE-SAVING
LIGHTWEIGHT DESIGN**



**NO ELECTRICAL WORK
NECESSARY**



**READY TO PLUG IN
QUICK CONNECTION**



**HIGH QUALITY DIMMERS,
SENSORS AND ACCESSORIES**



MiniAMP recessed
luminaires



MiniAMP surface
mounted luminaires



MiniAMP flex
stripes single color



MiniAMP flex stripes
dynamic white



UV-C flex stripes for
disinfection



MiniAMP
transformers



MiniAMP dimmers
and sensors



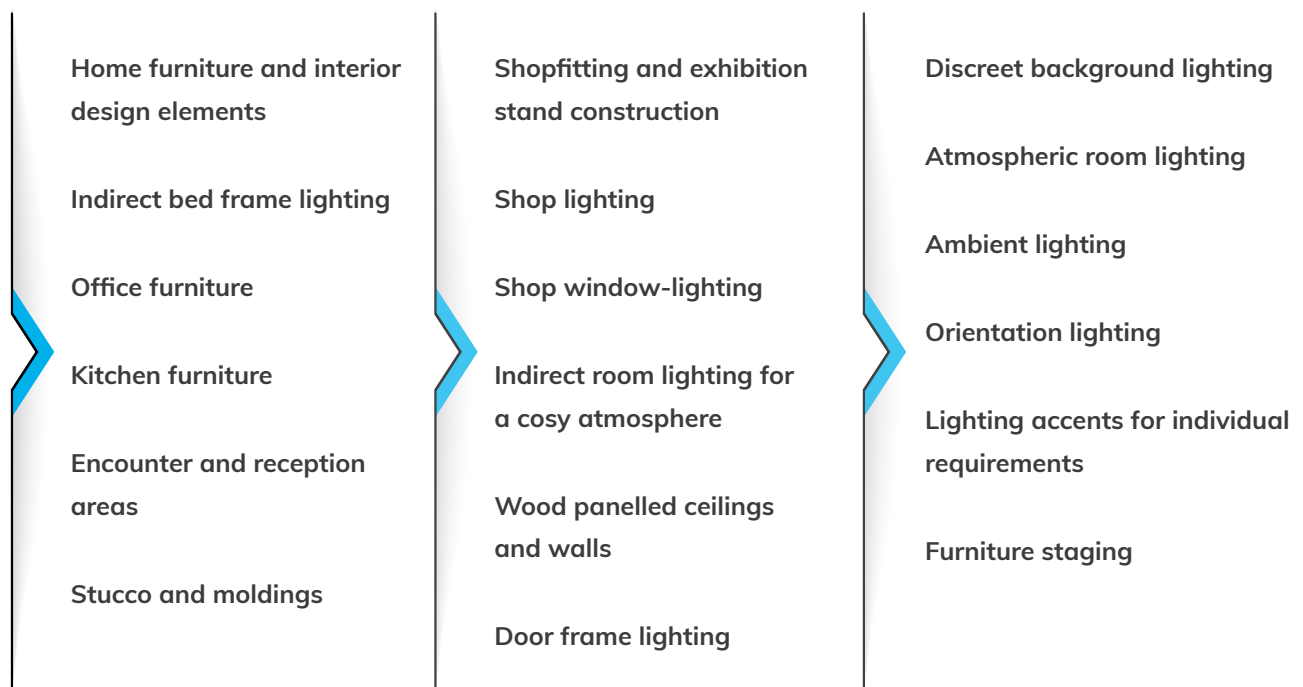
MiniAMP
accessories





APPLICATIONS

Light is the fourth dimension of a room and an essential factor in holistic architectural spatial planning.



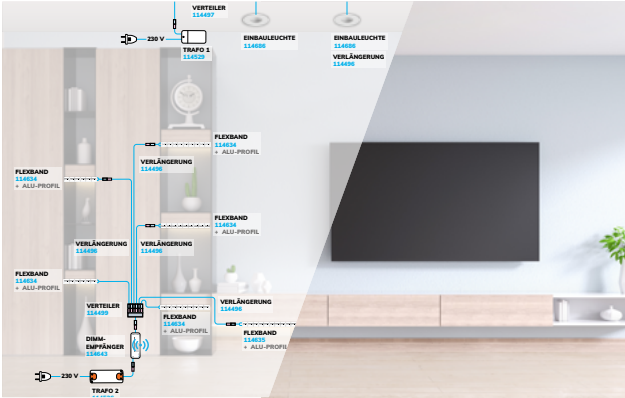
Light makes visible!

Light works!

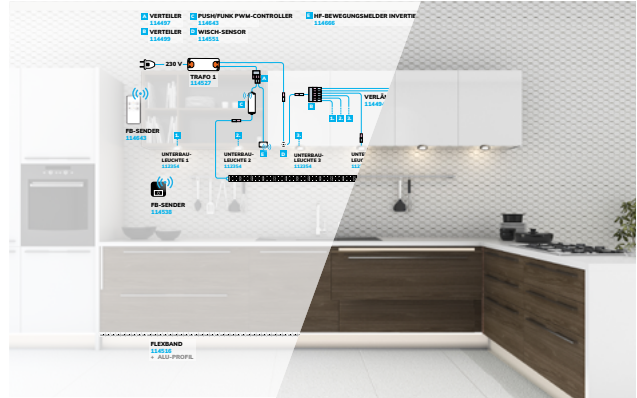
Light staged!



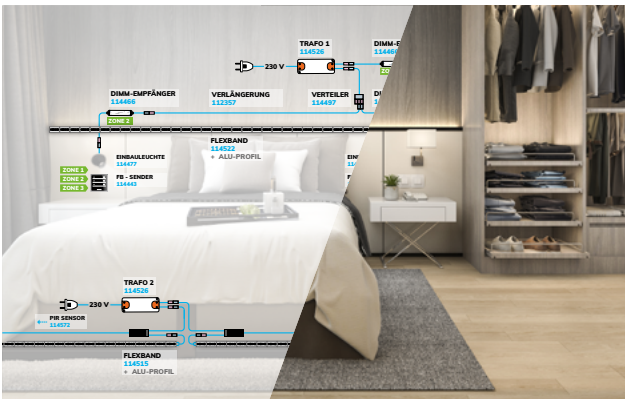
Examples of use



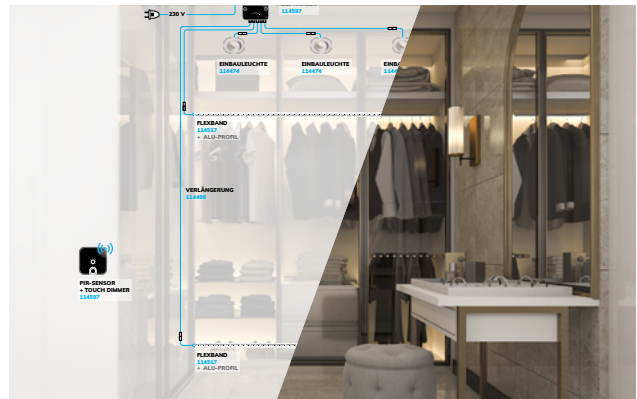
Living room



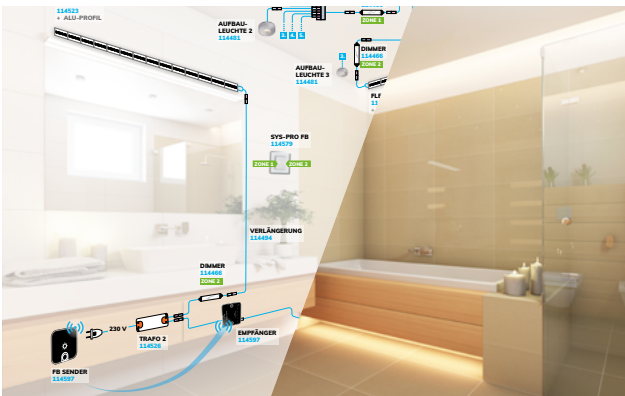
Kitchen



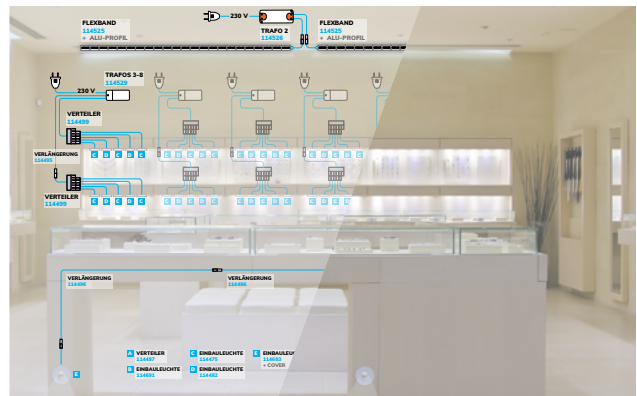
Bedroom



Wardrobe



Bathroom



Showroom Jeweller

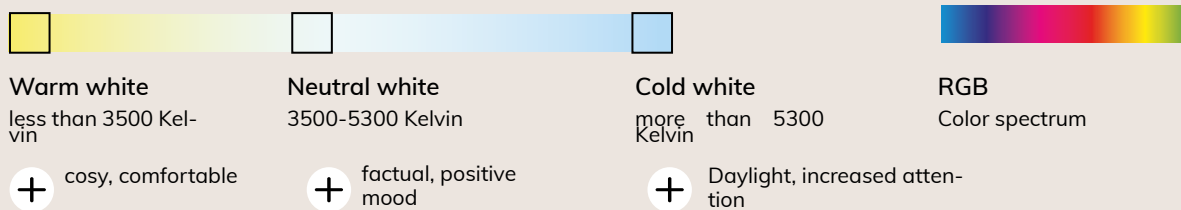


EASY AND FAST TO YOUR LED LIGHTING SOLUTION

In every planned room there are lighting requirements.

Once the product type and number of each luminaire has been determined, details can be designed for your lighting solution. The following points offer guidelines for successful lighting planning:

Light color

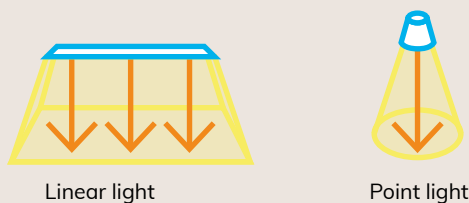


Luminous efficacy describes the efficiency of a light source

$$\text{Luminous efficiency} = \frac{\text{Luminous flux (lm)}}{\text{Power (W)}}$$



Light source



The shape of the light can influence furniture and lighting effect. Already in the planning stage, it should be noted that dot light primarily emphasizes individual areas, while linear light can illuminate larger areas.

Light quality



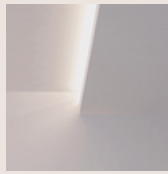
The color rendering index CRI is given in Ra and thus evaluates the quality of the color rendering of light sources. The higher the color rendering index, the better the colors of an illuminated object are perceived.



Alignment



direct



indirect



upward



downward



Forward



aside

While direct lighting is mainly used to set accents, indirect lighting creates mood and is particularly suitable for illuminating rooms. Structures are often illuminated from below, while individual objects are usually illuminated from above.

Light intensity



Work lighting
(>500 lx)



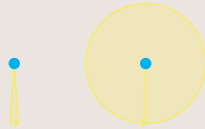
Ambient lighting
($150-500$ lx)



Accent / orientation lighting
(<150 lx)

Beam angle

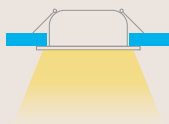
between 8° and 360°



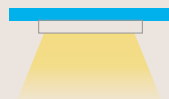
Compatibility of ballasts with products



Even before buying a luminaire, make sure that it has any necessary compatibility with a dimmer or motion sensor to install the lighting without worry.



recessed (installation)



mounted (surface-mounting)

Mounting type

The mounting method of the light source should be well thought out. A surface-mounted light requires more space, but is more flexible and easier to remove. Recessed light sources, on the other hand, are often more discreet, but offer little room for change.

IP

Ingress Protection

Protection class

The IP code number indicates the protection of a housing against contact or ingress of foreign bodies (1st digit) and against ingress of moisture or water (2nd digit). The larger the code numbers, the better the protection of an enclosure.

Control

In addition, LED luminaires can be controlled with various controllers. You can choose between wall, hand and table remote controls. A Smart Home System integration with Zigbee is also possible.



Major cost reduction and rapid amortisation with appropriate light quality

LED HIGHBAY LUMINAIRES



LED highbay luminaire
TOQ 85 ° C



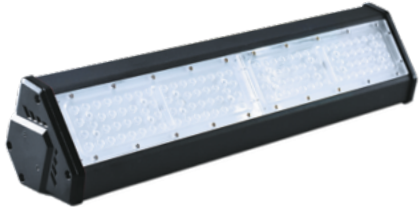
LED highbay luminaires
series FL



LED Highbay luminaires
series MS



LED highbay luminaires
series SK



LED highbay luminaires
series LN





ISOLED[®] TECHNOLOGY

On the pulse of progress

Driven forward by the innovative power of our specialist team as well as the increasing demands for our customers and the market, taking into account the latest technologies, we develop and design much improved and completely new LED components, products and lighting systems.

Unique through customised

In close cooperation and intensive exchange of our product management team with the production side research & development team, trendsetting, solution oriented and custom lighting concepts with the highest economic and environmental energy efficiency arise.



Our customers and partners benefit consistently from quality, functionality and efficiency.

Sustainable Performance Values and Stable Light Quality

- High energy-efficient light output
- Exact binning
- High-end LED chips, PCBs & Components
- Standardised electronics Excellent product grades
- Reliable thermal management
- Tested materials

Modern ISOLED[®] lighting laboratory

- Multistagequality control
- Batch-managed material flow
- Quality management & warranty services
- Internal & external Quality audits
- Customer-oriented return management
- CE certification

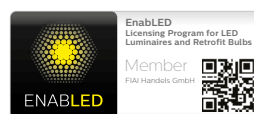
Visionary Innovation

- Product Development
- Intelligent Product Design
- Compact Construction
- Precision Manufacturing Processes
- Latest LED Technology
- Strict Quality Criteria

YOUR PARTNER

ISOLED[®] SINCE 2008

Licensed partnerships



SIGNIFY = PHILIPS

PRODUCT QUALITY AND DESIGN

SUSTAINABLE QUALITY

Your quality requirements are our touchstone

For our customers and partners, we undertake to sustainably supply lights, lighting construction elements and systems, control equipment based on the latest LED technology, as well as all services in

- best and guaranteed quality,
- with the greatest possible ecological efficiency as well as
- economic stability of value sustainably.



ISOLED® Data sheets

Real performance data measured under real conditions are published in a data sheet for each item. Every customer has direct online download access.



Sustainable quality and operational safety

The complete LED ISOLED® product range is CE-marked and therefore complies with the requirements for product conformity according to the latest EU guidelines.

A tested and certified CE product coordinator from ISOLED® takes on the implementation of all ongoing internal standards and cross-checks of the EU regulations. Supplier audits ensure compliance with the CE requirements by the manufacturer.

The heart of our light laboratory are the two ulbricht spheres (diameter 0.5 m and 1.7 m), which are used to measure photometric data.

Trust through data transparency

REAL PERFORMANCE DATA

The satisfaction of our customers and partners is achieved through data transparency. As part of a regimented multi-stage quality control programme, we test and measure all photometric parameters and in addition to numerous additional details, include these within our product datasheets.

Our specified performance data are NOT the result of physical or theoretical calculations, but they correspond to the photometric values of the final overall product actually measured in our in-house light laboratory. (I.e. including reflectors, optics, housing - measured under real ambient conditions, etc.)

On request, we can of course also provide specific reports from our photometric test laboratory.



Whether it is a new acquisition or a conversion to LEDs, both cases are long-term investments. Against this background, it is of particular importance to consider the following quality features in the decision-making process:

- Materials of the individual components (e.g. aluminium housing)
- Glasses and covers
- High-quality workmanship (pay attention to seams and connecting pieces - small proportion of load-bearing plastic elements)
- High quality lacquers
- TÜV certification
- Protection class IP (dust and water protection)
- D-marking acc. EN 60598-24 (LED lights suitable for use in fire-endangered locations)
- Glare factor (UGR acc. EN 12464)
- Timeless and architecturally integrating aesthetics

Your quality standard is our touchstone!

The matching LED illuminants are of tested quality and designed for commercial use. LED branded products from ISOLED® consist exclusively of high-quality components, which are manufactured in selected materials in modern and innovative production processes. Only tested LED chips and standardised components (excellent quality classes) are used.

They convince with their performance values:

- service life
- Light quality
- Luminous flux
- Light intensity
- Color rendering
- Color temperature
- Connected load
- Heat generation (cooling) etc.

LED chips and components of the highest quality classes

LED branded products from ISOLED® consist exclusively of high-quality components, which are manufactured in selected materials in modern and innovative production processes.

Only tested LED chips and standardised components (excellent quality) are used. Our LED products must meet the prescribed performance values in accordance with the strictest quality and test criteria without any complaints in order to be finally released for sale.



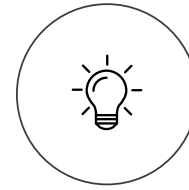
ADVANTAGE THROUGH KNOW-HOW



Improving consultancy skills

We combine many years of experience in technical application areas with LED know-how and pass both on to our employees.

With a deep understanding of the economic and environmental efficiency of LED light solutions, as well as enthusiasm for this sustainable and environmentally friendly type of lighting, they support our customers and partners through each LED project.



Specific customer training

We have a major interest, in training you and your employees in the topics of

- ISOLED® Product knowledge,
- ISOLED® application technology,
- LED basic knowledge and
- LED sales

for basic training and further development.

„Confidence comes with knowledge, this is why we share our expertise!“

ISOLED® Team

ISOLED® ACADEMY

TAKE ADVANTAGE OF OUR OFFER

We offer **onsite and offsite training** . Whether in-house, by phone or webinar - you and your employees will receive all information and documents from us.

- » LED know-how
 - LED technology basics
 - ISOLED® product training
 - ISOLED® workshops for LED application technology
 - ISOLED® Workshop “Lighting design with DIALux”
 - Customer-specific LED workshops

- » ISOLED® sales support for customers, partners and their staff
 - LED starter support for trade and crafts
 - Target group definition/market approach - in this way you will reach your target customers (ISOLED® sector focus)!
 - 100% LED - targeted argumentation with facts. With knowledge you score points with customers!
 - 100 % ISOLED® - this is how you and your customers benefit from the ISOLED® range of services!
 - Customer-specific ISOLED® workshops

We would be happy to create your personal training program tailored to your team!

Please contact us and book your individual workshop!

ACADEMY





MORE THAN "JUST A WEBSHOP"

In our extensive online portal you will find everything your "LED heart" desires. Whether knowledge, training or video instructions - we provide you with all the materials and services that you or your customers need.

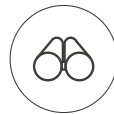
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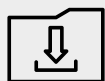
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