LEAD #3

forward thinking lighting magazine

LIGHT MOMENTS 2018

// ENGLISH ISSUE #3 MARCH 2018 - TOPICS

Designing Desire

BILTON AIR – bows before you

THE ART OF LINEAR LIGHTING

BILTON

biltongroup.com

LEGAL NOTICE

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KEY FACTS

- A **3 PRODUCT GROUPS = = 1 X-LINE SYSTEM**
- B **45% EXPORT IN THE FY 2017**
- C **DELIVERIES TO 47 COUNTRIES**
- D **OVER 256,000 COMBINATION OPTIONS**
- E **SALES LED CHIPS PER YEAR = 63,720,000 PC.**

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TOP FEATURES

MORE THAN **2.2 MILLION** METRES INSTALLED LED MODULES

1 SYSTEM OF 256,000 COMBINATIONS

5 YEARS SYSTEM-GUARANTEE

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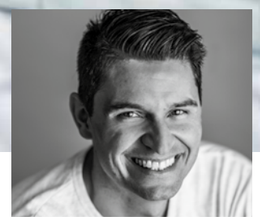
editorial

LIGHT MOMENTS



BILTON'S WAY: STRAIGHT INTO THE FUTURE

BILTON has acknowledged its strengths and weaknesses. We have developed the former and reduced the latter. In order to offer you, our valued customers and prospective customers, whatever makes a forward-looking company strong in a highly competitive market: Security! Security within our product lines. Security for you with our sophisticated service and technical support. Security for your customers as they always receive a high-quality product.

BILTON has developed from an inspired start-up to an innovative industrial company. The clear focus is on expanding our core business: linear LED lighting. Manufactured in accordance with European quality guidelines and in the interest of our customers. Easy to install using the BILTON modular system and assembled in such a way that everything really always fits together.

OUR KNOW-HOW – YOUR BENEFIT IN INNOVATION

As a highly specialist company, BILTON focuses all its know-how on linear LED lighting. It is precisely this specialisation that enables us to constantly develop individual solutions for our customers. So, together with us you can make your mark in lighting. Of course the difference in how these can look also depends on your ideas and products – and we look forward to working with you on this in the future. On the following pages you will find a small extract from the board spectrum of options available to you. Let yourself be inspired - and challenge us!

Patrick Müller
Founder of the BILTON Group

PROJECT

THE COSMOPOLITAN CITY WITH A HEART PAMPERS ITS GUESTS - WITH BAVARIAN CHARM AND INTERNATIONAL LUXURY.

INVITING

HOTEL BEYOND
MUNICH / GERMANY

"An inspiring place for inspiring people" is the credo of the hotel "BEYOND by Geisel". The luxury city residence at Marienplatz in Munich tries above all to make the guests feel at home – or even a little better – in an exclusive ambience. In 19 rooms and suites, from the lounge to the wine bar, from the stairway to illuminated beds, desks and wash basins, the LED modules from BILTON provide fascinating detail lighting and a completely harmonious ambience. Over 100 BILTON X-LINE luminaires and modules of the BILTON ONE 600 and 900 series bathe the "BEYOND by Geisel" with 2,200 to 2,700 Kelvin in just the light that Bartenbach GmbH wanted for this jewel.

PRODUCTS FITTED

*// **BILTON**ONE **600***
*// **BILTON**ONE **900***

/ Support profile CT02
// Linear lens CX05

// BILTON power packs

PIO NEERING

MACHINE FACTORY FILL GURTEN/AUSTRIA

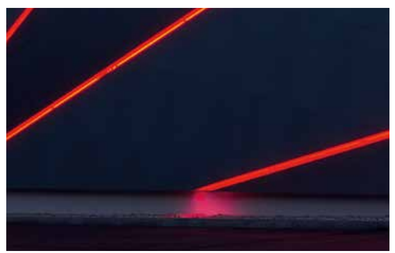
If a world-leading machine and plant manufacturer invests in the future, then it's consistent! The architectural firm Matulik has already worked directly with BILTON in the development of the lighting concept in the construction of the new FILL GURTEN Technikum 4 and the adjacent "Future Dome" event centre. A cooperation that they can be proud of. From the façade in FILL-red to the entrance area, the handrails of the staircases and indirect lighting solutions in the offices, cafeteria and corridors – ground-breaking solutions with BILTON expertise and BILTON products. We would like to thank Oliver Hallwirth (www.raumpixel.at) for the successful cooperation and the excellent pictures.

PRODUCTS FITTED

*// **BILTON**ONE **1300***
*// **BILTON**RGB*

// Support profiles UT01/XT02
// Frosted covers UX01/SX09

// DALI LED dimmer REG
// DALI LED dimmer SXT
// DMX LED dimmer Basic

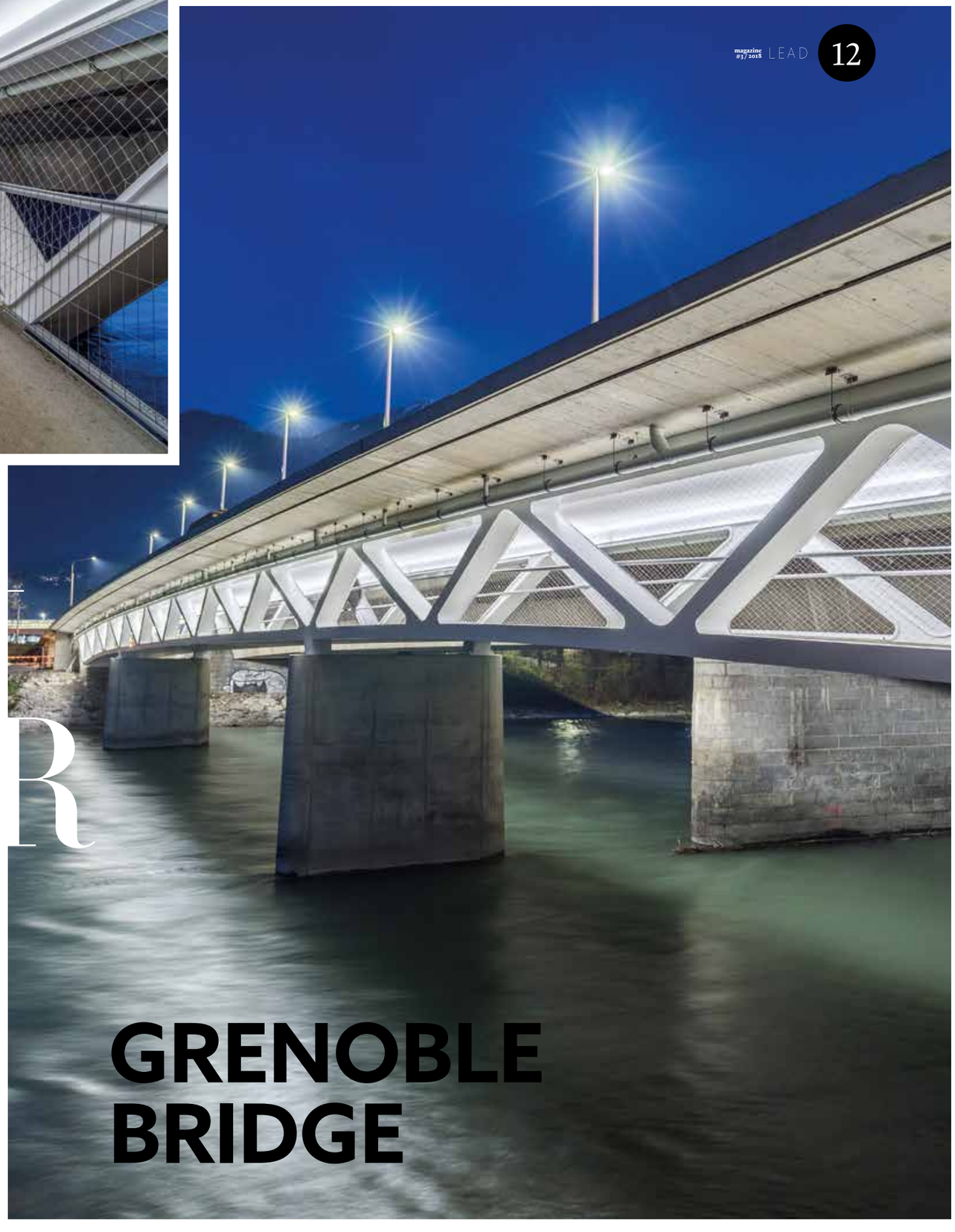


FILL GURTEN

DESIGNING DESIRE

Where are the limits of functionality? Where does outstanding (light) design begin? And where does the interaction of precisely these two factors lead? To the much-quoted "form follows function"? We at BILTON are of the opinion that form and function should go hand in hand. That is what we are working on. And that is why we are constantly developing new solutions. For soon perhaps not only possibilities "imagined" – but for radiant realities!

01____INNSBRUCK_____GRENOBLE BRIDGE
02____VIENNA_____ÖAMTC HEADQUARTERS
03____NEUSTIFT_____ACTIVE HOTEL BERGKÖNIG



GRENOBLE BRIDGE

▸ ***PRODUCTS FITTED***

*// **BILTON**ONE **900***

// Corner profile YT04

// IP68 – PU seal

OVER IT AND UNDER IT.

They all have to cross the river Inn: motorists, pedestrians, cyclists, public transport. Preferably all at the same time, of course. And the safest way to do this is to have as few direct contact points as possible – but with plenty of non-dazzling light. The Innsbruck public transport company has succeeded in doing just that. In addition to the Grenoble bridge, a railway, pedestrian and bicycle bridge is currently being built. The highlight: Beneath the railway line there is a separate foot and cycle path, which is excellently illuminated around the clock. The modules of the BILTON ONE 900 series, installed in the YT04 corner profile with frosted cover, make this possible. This means that not only that pedestrians and cyclists meet in the best possible light – but that the architecture of the bridge itself also becomes a feature for the city.

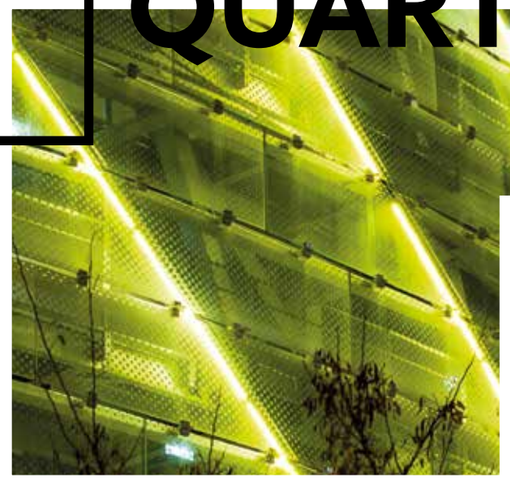
ÖAMTC HEAD QUARTERS

▸ ***PRODUCTS FITTED***

*// **BILTON**ONE 2000*

// Support profile XT02

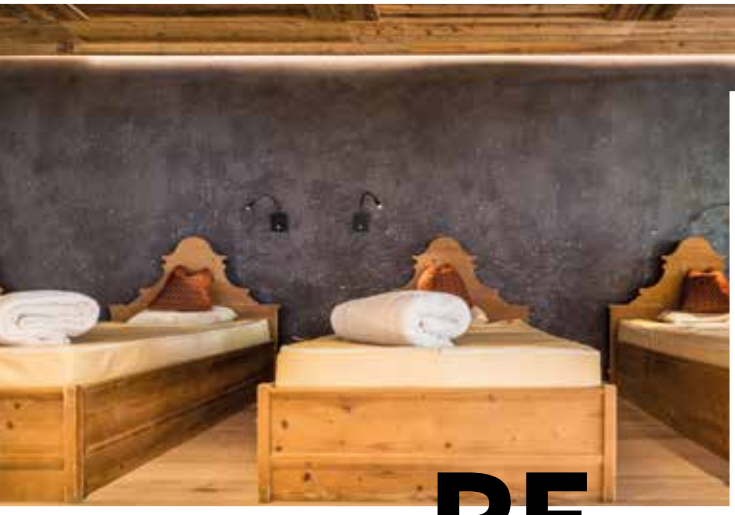
// IP68-protection / PU seal



REALLY ENLIGHTENING

The Austrian Automobile, Motorcycle and Touring Club (or "ÖAMTC") lights up the eyes of its members time and again when the helping hands of its employees provide quick help in traffic. With the construction of the new headquarters in Vienna, this light is now also transmitted to the building. The trend-setting architecture symbolises innovation and performance. This makes it all the more fitting that the BILTON ONE 2000 sets these topics in the limelight – protected from moisture by a special casting process that was used to treat the XT profiles. The ÖAMTC-yellow still shows where the road leads to: a safe future for the more than 2 million members of the club.

VIENNA



RE LAX ING

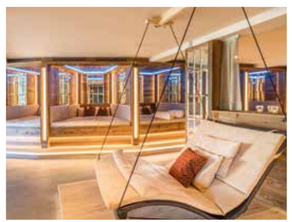
ACTIVE HOTEL BERGKÖNIG

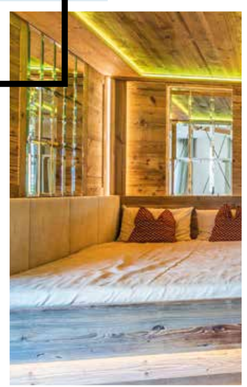
PRODUCTS FITTED

*// **BILTON**ONE **300***
*// **BILTON**ONE **600***
*// **BILTON**ONE **1300***
*// **BILTON**RGB*

// Support profile XT02
// Flexible profile YT09,

// KNX LED dimmer Basic
// KNX LED dimmer SXT





SIMPLY RELAXING.

"Activehotel " – and those who actively hiked through the Stubai mountains have more than earned a bit of relaxation. Whether in the dining room or in the wellness and spa area covering more than 2,000 square metres, guests can look forward to relaxing and inspiring lighting moods in various colours and strengths.
Geared to the respective rooms, colour effects or accent lighting are used, carrying you through the day, holidays and the Activehotel. Whether BILTON ONE 600 and 300 in the dining room or the rest areas. Or BILTON COLOR RGB in swimming pool, showers, salt-water pools, etc.

BILTON is used wherever calming or powerful accents and attention-grabbing linear lighting solutions are required. Of course, including the LED dimmers, making the state-of-the-art technology so easy to use.

INTERVIEW

"DI DR. ROLAND MICHAL, HEAD OF RESEARCH AND DEVELOPMENT" – IF ONE READS THESE WORDS IN THE ABOVE-MENTIONED ORDER, THIS MAY SEEM A LITTLE BIT "BUSINESS-ORIENTED" AT FIRST. THAT'S WHAT DI DR. ROLAND MICHAL DEFINITELY IS – AND IT'S A GOOD THING.

ABOVE ALL, HOWEVER, HE IS A MAN OF CLEAR ANALYSES AND THE HUMAN BENEFITS ARISING FROM THESE. PERHAPS THE MOST IMPORTANT COMPONENT, IF YOU WANT TO CONVINCE WITH LED SOLUTIONS. THE BOTTOM LINE IS THAT THESE SOLUTIONS MUST CONVINCE THE PEOPLE THAT THEY ARE IN DAILY CONTACT WITH.

A conversation about what is imaginable, feasible and how to get there.

THE CLEAR LINE

Dr. Michal, if we look at your CV, it is clear that we – with your permission – are dealing with an "old hand" in the lighting industry. What attracted you to BILTON - you who were at home with the big players?

Simply put, the challenge of being a big player again in the future. At BILTON.

Where do you get this conviction from?

When I first got to know BILTON, the company was no longer a start-up, if I can put it that way. And so in a really hot phase of growth and orientation. What was immediately apparent, however, was the enormous technical expertise and the associated potential. I see my main task here as making full use of this potential and bringing it to the international stage.

How should this path look?

In keeping with the theme of linear lighting, BILTON will in future follow a very clear line based on three pillars: 1st. Top quality, 2nd. High flexibility and availability, and 3rd. Permanent OEM capability. With these topics we position ourselves clearly against the competition and create real innovations.

Is this also made possible by your own REEL-TO-REEL production?

Exactly. Thanks to its high-quality production, BILTON has already built up a very good image here. This high product quality must now be transferred to all areas. This enables us to develop innovative solutions in-house and adapt them quickly to the needs of our customers. Highly flexible in product design and production – and, of course, in supply security. This means excellent logistics.

That sounds like a lot of effort. How do you create permanent adaptations and innovations and at the same time remain economically attractive?

By relying on top quality again and again – even in the standard range. This means a wide range of possible applications can already be covered here. And on the basis of this foundation, we can also offer special solutions with our technical expertise. This means that not every special design needs to be a completely new product, but the best solution. At a reasonable price.

Where do you personally see the greatest potential in the future?

The lighting requirements in industry will certainly take on an ever-increasing significance here. The same applies to applications at luminaire manufacturers. In both cases, the aim is to manufacture products with constantly changing lighting characteristics. A playing field that seems almost endless.

How for example?

In particular products with special requirements for lighting solutions are the challenge here. For example, shops and outdoor areas, targeted functional lighting for machines. Or a special light spectrum and lighting for plants and aquariums. Usually, the first thing that comes to mind is not light. But when you go deeper, it is not only decorative accessories, but really essential components in these areas.

The final question to you as head of development: What can BILTON customers look forward to in the future?

If you mean in general terms, an even better service, even faster implementation of customer-specific wishes and extremely reliable sales.

And if I wanted to exemplify it on one specific product?

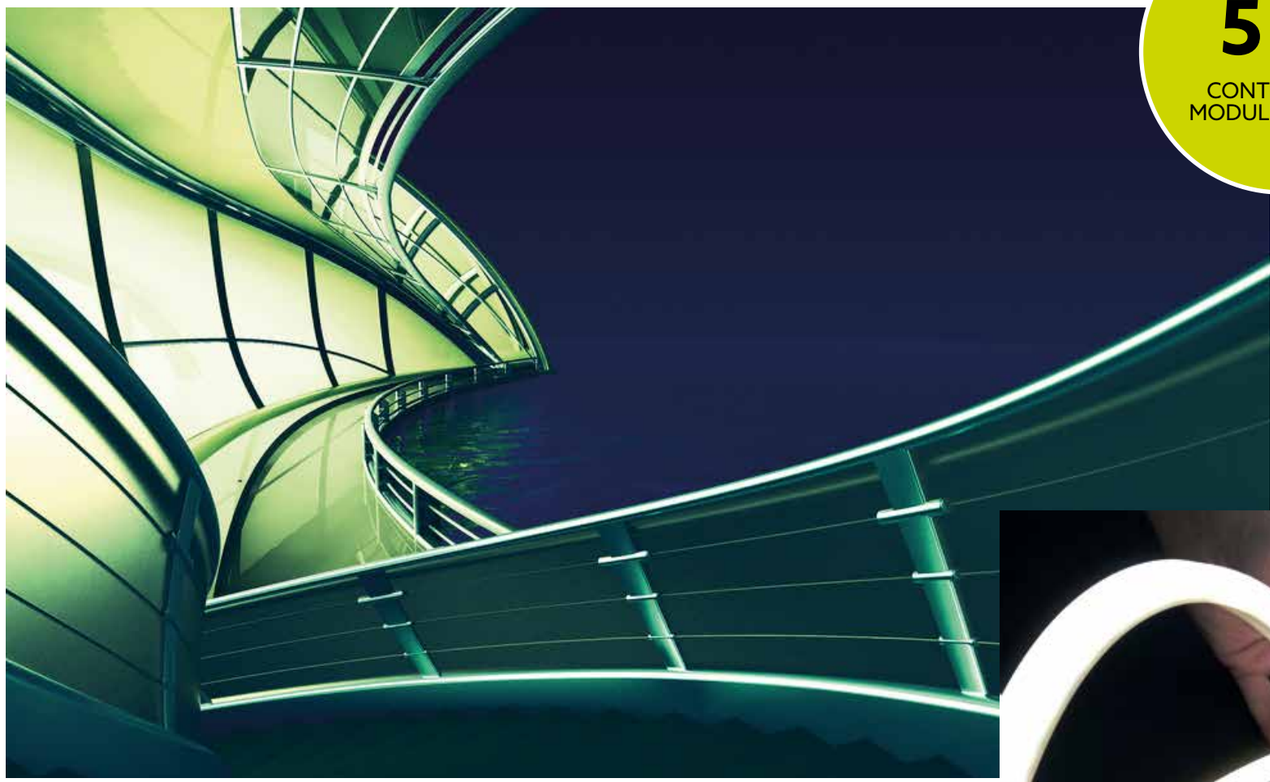
Then some things in the industrial sector, but I do not want to talk about them here. And right up to date on the BILTON AIR. A completely new product for extremely flexible accent lighting in all kinds of applications. Here, an LED strip light is completely integrated in a silicon profile that is closed on all sides. Thus, the belt itself is optimally protected from external influences and can be bent either in waves or in curves. Ideal for organically shaped lighting, integration in walls, niches or stairs or as letter and advertising lighting. And all this especially in outdoor areas.

Dr. Michal, we would like to thank you for the interview with a "committed proponent" of LED lighting.

Thank you, but I'm not alone in that at BILTON. Conviction is our key to the success of every project. Because we are convinced ourselves first and foremost. By the project, the solution and our products. Only then will our customers be convinced. And they are. And finally, we keep our promises.

PRODUCT HIGHLIGHTS

The technical development of LED lighting continues unabated, as does the range of applications for LED modules in all conceivable and inconceivable variants. As a specialist in linear LED lighting, we see it as our first task to develop the optimum LED lighting solution for all possible applications. For us, this does not only mean defining new areas of application. It also means offering our customers affordable and calculable solutions based on the highest European production standards. Because the future of lighting is called LED. Not only in unusual variants – but generally! On the next few pages, you can see for yourself that we will be working with you on the future of LED lighting. At all levels. From research and development to production and service.



5 M
CONTINUOUS MODULE LENGTH

COMING SOON

BILTON AIR

Bends for you ...

5 CM
SEPARABILITY

IP67
PROTECTION BY SILICONE

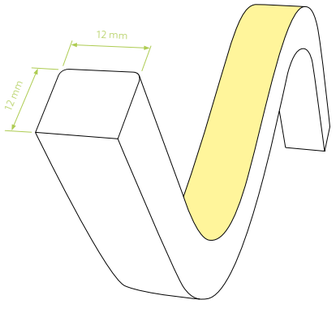
LIGHT LINE WITHOUT VISIBLE LIGHT POINTS

ILLUMINATION UPWARDS OR SIDEWAYS

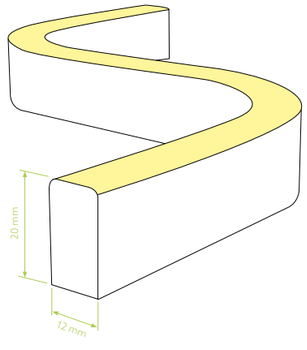
MODULE LENGTH UP TO 5 M

More information can be found at www.biltongroup.com

BILTON AIR
TOP



BILTON AIR
SIDE



... IN ALL SITUATIONS

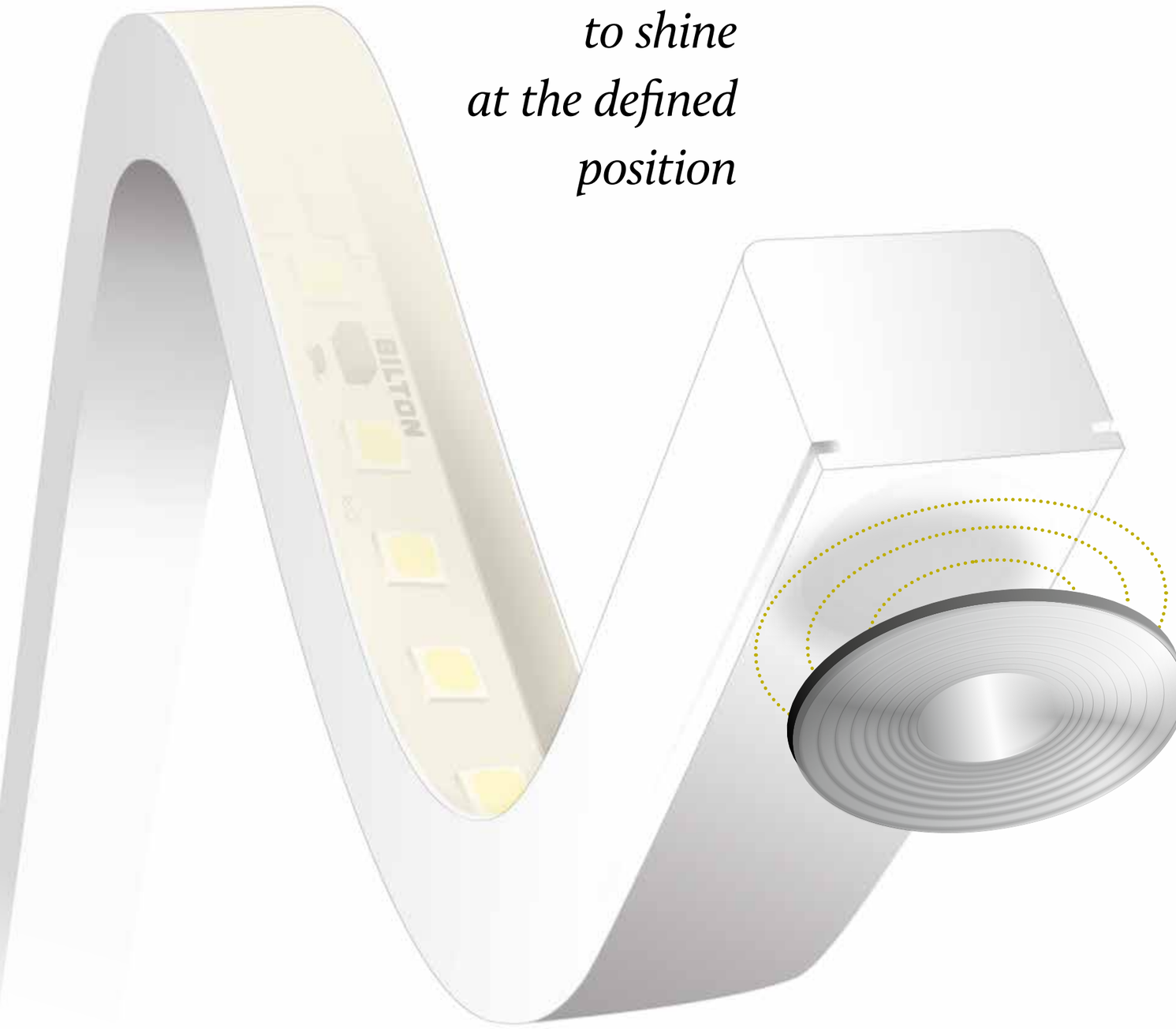
Linear LED lighting does not have to be straight. This is not new. What's new is that the BILTON AIR has been created as an accent lighting system that not only offers maximum flexibility in the literal sense of the word, but can also be used for almost unlimited interior and exterior applications. This is made possible by the extremely flexible silicone profile in which the BILTON AIR is installed. It guarantees extremely high protection from moisture and many other external influences such as UV light, salt, chlorine and much more.

HIGHEST LIGHT QUALITY WITH THE EASIEST CONNECTION

The silicone band is also used to provide absolutely homogeneous illumination over the entire light-emitting surface, as well as effective heat dissipation – regardless of the waveforms in which BILTON AIR is used. Where previously complicated connections were necessary for such special solutions, BILTON relies on a very simple system: a plug-in system suitable for outdoor use, with which every BILTON AIR is equipped ex-works.

All mounting accessories are also available from BILTON. Both clips and specially adapted profiles can be purchased directly, so that only one thing is true on site: The optimal staging of your new LED lighting solution.

It starts
to shine
at the defined
position



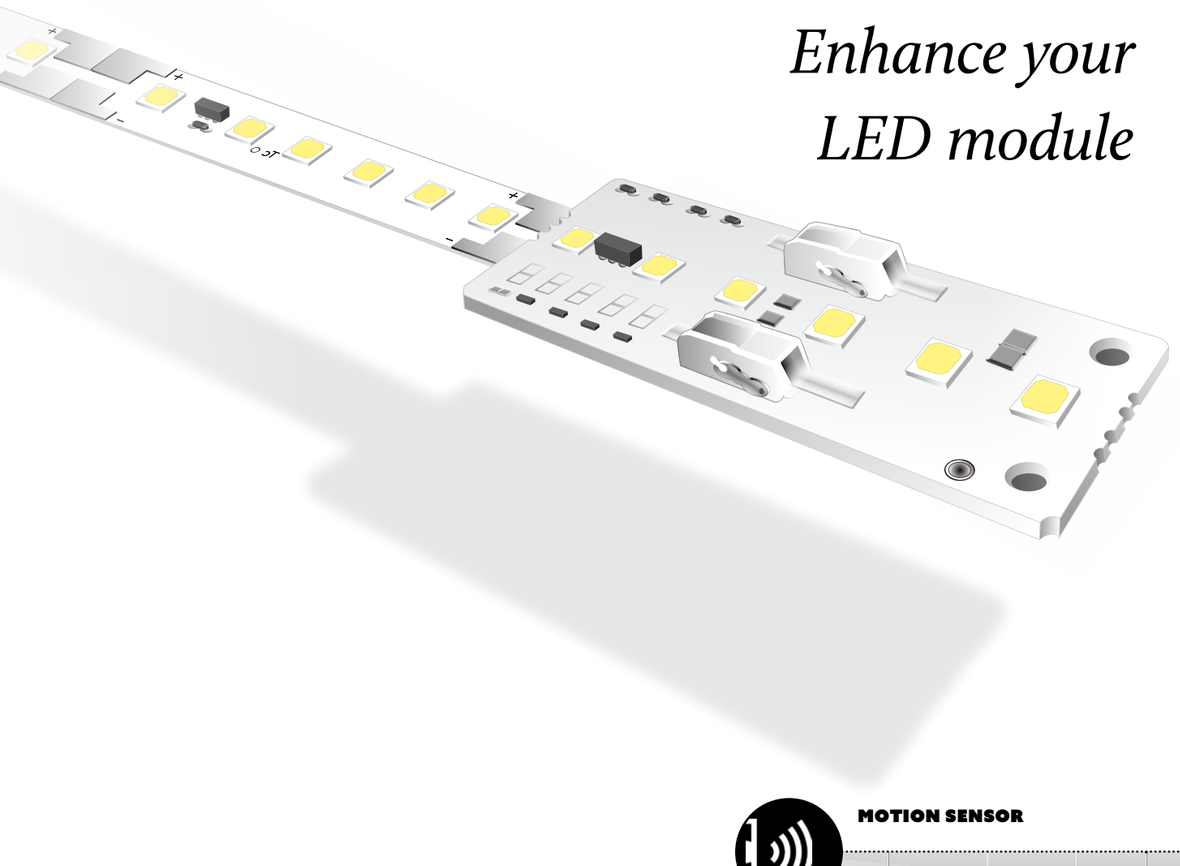
COMING SOON

BILTON AIR TOUCH

THE FIRST LINEAR LIGHT
WIRELESS CONNEC TION

PATENTED AND INCREDIBLE FLEXIBLE

01_____Inductive power supply – no more critical soldering or plugging
02_____Excellent positioning of the energy transmission due to integrated magnetic technology
03_____High power transmission up to 70 W / 5 meters at 1,000 lm/m
04_____Perfect for outdoor and extraordinary applications



Enhance your LED module

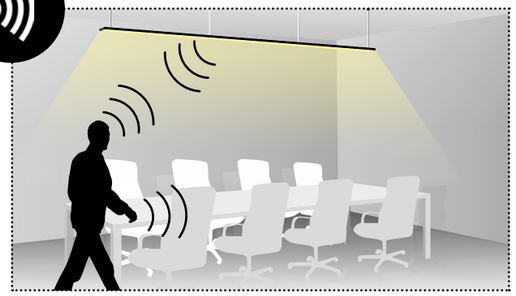
BILTON X-LINE SMART CORE

PATENTED AND BUNDLED INTELLIGENCE

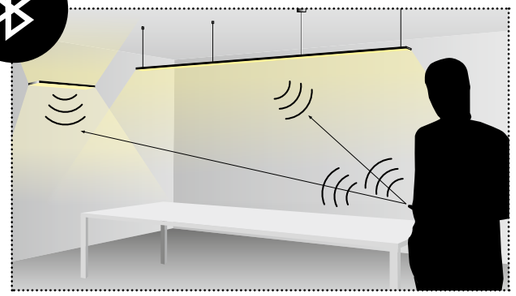
With BILTON X-LINE SMART CORE, BILTON is launching a range of ultra-modern lighting components, making our configured luminaires of the BILTON X-LINE-range almost unlimitedly smart. With the integrated motion sensor technology and presence detection MOTION SENSOR, our products from the X-LINE range come with the ability to communicate autonomously independently with each other. The SWARM INTELLIGENCE sensor function can be used to interconnect entire luminaire clusters. Of course, all this is done using the standardised protocol BLUETOOTH. And it goes without saying that these patented lighting components have future-proof safety functions such as the TEMP PROTECTION overheating protection, which monitors the luminaire in the operating temperature range.

There is also the CO_2 sensor ALERT SENSOR, which emits optical warning information using the lighting. These electronic lighting components are fully compatible with our BILTON ONE range LED strips in terms of lighting technology and extend the power spectrum of a flexible LED strip with mechanical and electronic properties that were previously unimaginable. Thanks to the strain-relieving end feed, technically induced dark zones are a thing of the past. Likewise, a centre feed into the LED band can be created, so that very long cable lengths can be designed. All in all a smart extension of our BILTON X-LINE range.

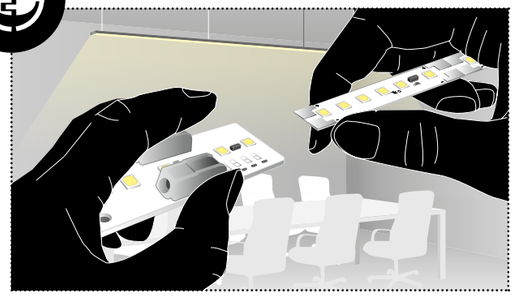
MOTION SENSOR



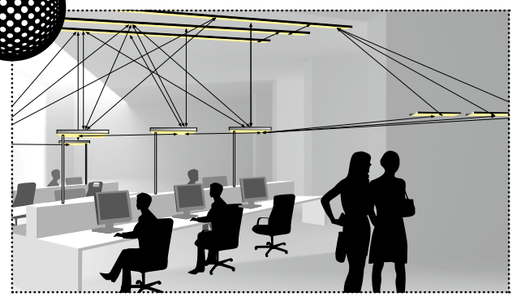
BLUETOOTH



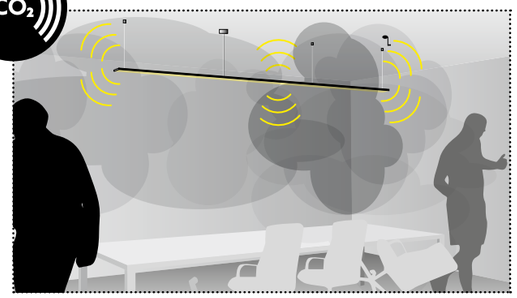
COMPATIBILITY



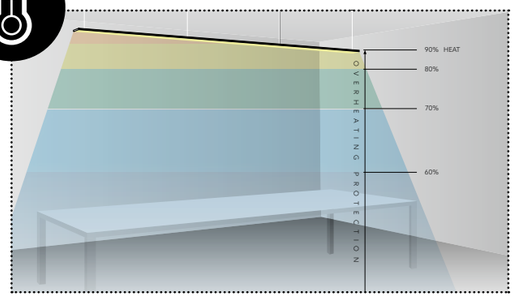
SWARM INTELLIGENCE



CO_2 ALERT SENSOR



TEMP PROTECTION



Picture: Hotel BEYOND Munich, more at page 06

BILTON ONE

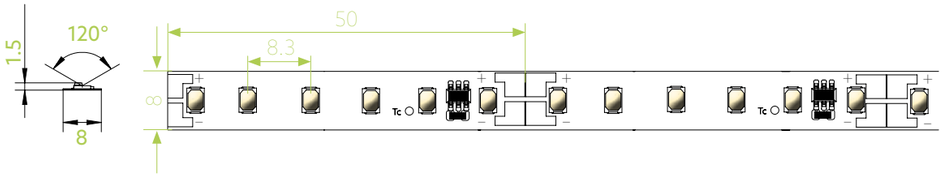
IP00 – IPX6 IP PROTECTION

CRI > 80 – CRI > 90

2,200 – 6,500 K

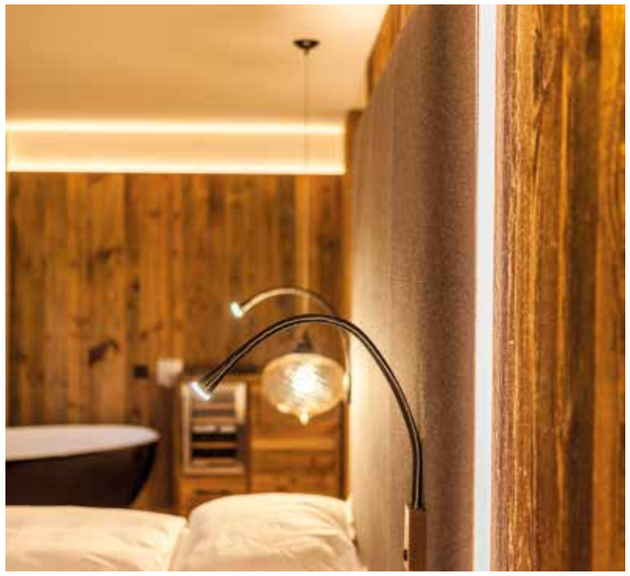
600 – 3,000 LM/M

14.5 M MAX. MODULE LENGTH



ONE THAT DOES EVERYTHING

We are not promising too much when we say: The BILTON ONE range of LED modules is ideally suited for virtually all applications in the field of linear LED lighting solutions. This is due, on the one hand, to the high quality and, on the other hand, to the different designs within the range. The BILTON ONE is available in colour rendition > 90 and > 80 as well as in 6 different light colours, 5 luminous flux classes and in 2 degrees of protection. I suppose that's all we have to say. Except maybe that our service team will be happy to help you make the right choice. And when it comes to installing the BILTON modular system, you can be sure that everything really fits together.

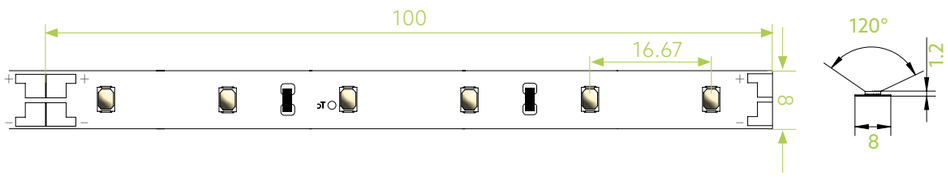


BILTON ECO

2,700 – 5,000 K

250 – 1,500 LM/M

3SDCM MACADAMS



SIMPLE, ROBUST, ECONOMICAL

BILTON ECO is your LED module for standard applications that you would like to implement in a time and cost-optimised manner. The range offers a choice of 4 light colours and 4 different luminous flux levels. The robust construction ensures high mechanical stability with cable lengths of up to 12.5 metres and this in 2 packaging units.

If you have any questions, please do not hesitate to contact our service team. And of course, fitting can also be perfectly solved using the BILTON modular system.

BILTON MOVE ON

http://www.biltongroup.com/move_on/

Before we tell you a lot about running light and individually controllable LEDs, we prefer to let moving pictures speak.

BILTON
SMS
ABOUT
BILTON
AND
LIGHT

WHY BILTON ACTUALLY?

LEAD PUTS THIS QUESTION TO A FEW BILTON EMPLOYEES. FROM THE MOST DIVERSE AREAS AND WITH THE MOST DIFFERENT CAREER PATHS. MOST PEOPLE PARTICULARLY APPRECIATE THE VARIETY AND COHESION.

"DON'T ASK ME, WHAT THINGS WILL BE LIKE IN A YEAR."

If anyone at BILTON needs to understand quality management, it's him. Christian Hotter has been with BILTON for 6 years, started in the sales department, also inhaled a little production air and so knows customers' wishes, technical requirements and the needs of the company. He knows what counts: "At the beginning, I was attracted by the idea of helping to set up a start-up in the electrical industry. This is an opportunity that you don't get every day. Today I am fascinated by the fact that something new happens again and again. This is, of course, the industry on the one hand, and BILTON itself on the other. You never know what the challenges of tomorrow will be – and you are always happy to see them coming. At least once you have solved them."

Christian Hotter (34)
Head of Quality Management

"THERE CAN BE NO STANDING STILL."

For Mario Taxer, lighting was originally a hobby that the IT professional did in his spare time. At BILTON 6 years ago, he saw the opportunity to combine both: IT and lighting. "I really started only in IT. We looked after the stability of the programmes and hadn't much to do with the production itself. But stability was important – and still is. And for me, now also in the production itself. Finding stable and yet new special solutions for our customers ensures that the job is never boring." There must be something in it. When asked whether he still enjoys "lighting" in his private life, he says definitely yes!

Mario Taxer (44)
SMD-Operator Reel-to-Reel production

"VISITED, FOUND."

Like many young people, Anja Mitteregger was not quite sure which profession to choose. After she first wanted to work in the social sector, she could have taken some of it with her at BILTON: "I got the tip from a friend 2 years ago to apply here. BILTON really meant nothing to me. That's why I did a trial placement for two days and then applied for an apprenticeship as an office administrator." Today she has completed her training and remained loyal to BILTON. "The atmosphere among colleagues is great and somehow the customer service and advice has something of a social component."

Anja Mitteregger (21)
Office clerk, Customer Service Centre

"SOMETHING NEW EVERY DAY."

Thomas Rieser is a recent newcomer. The communications engineer worked in the field before joining BILTON in October 2017. From field service to assembly? "Of course, this is also because I'm at home here and I don't spend three hours a day driving to work before it actually starts. The assembly process is even more varied than on the road. Even though we naturally manufacture a lot of standard products. New solutions for very special areas of application are being developed almost daily, based on these. I was really fascinated by everything that is possible here. You never end up doing exactly the same thing. Either in the work stages or the product."

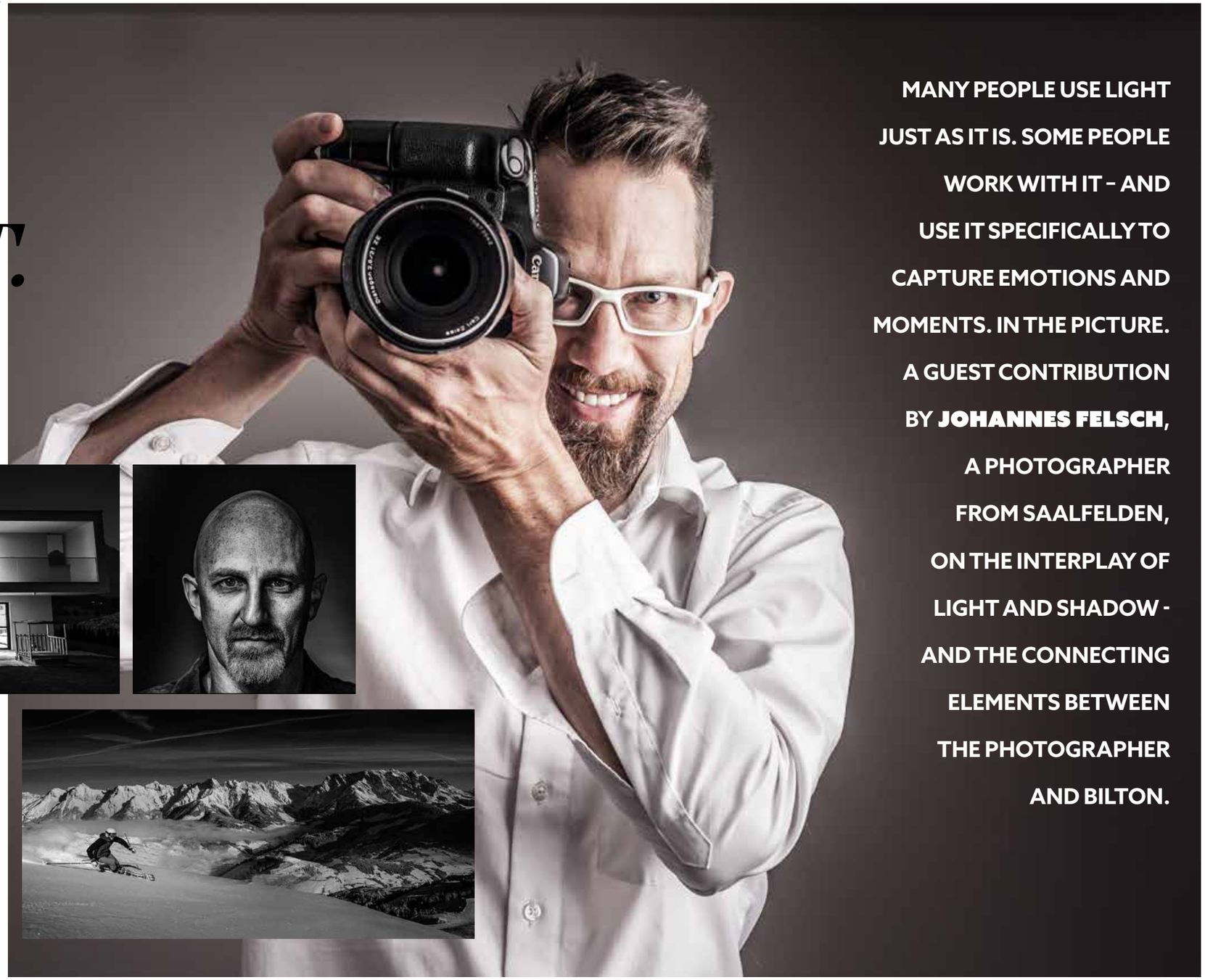
Thomas Rieser (31)
Head of department, Assembling

"LET'S STEP ON IT."

In 2016 Bojan Lukic joined BILTON. Initially involved in production and after-sales, he eventually became key account manager and is now responsible for the export business in Southern and Eastern Europe, the Middle East and Asia. "This is a huge playing field with immense possibilities", the former football athlete says happily. "But we are ideally equipped for this with our customer-specific solutions. As a complete and system supplier, we are already receiving very good feedback from abroad. This is what we build on – and on the technical expertise and skills that not all competitors offer."

Bojan Lukic (29)
Country Sales Director, Southern- and Eastern Europe, Middle-East, Asia

LIGHT IS THE START.



MANY PEOPLE USE LIGHT JUST AS IT IS. SOME PEOPLE WORK WITH IT – AND USE IT SPECIFICALLY TO CAPTURE EMOTIONS AND MOMENTS. IN THE PICTURE. A GUEST CONTRIBUTION BY JOHANNES FELSCH, A PHOTOGRAPHER FROM SAALFELDEN, ON THE INTERPLAY OF LIGHT AND SHADOW - AND THE CONNECTING ELEMENTS BETWEEN THE PHOTOGRAPHER AND BILTON.

LIGHT IS THE START. IT IS THE BASIS OF PHOTOGRAPHY. WHETHER DIGITAL OR ANALOGUE.

Light is a powerful tool. I use it to create light moods. At the beginning of my career as a photographer it was important for me to present people in a beautiful light. I went to Paris and photographed models for magazines for a year. It was cool to be surrounded by beautiful people and be in the "limelight". But I became more and more unhappy. I recognised how superficial it was. It was just the looks that mattered.

Even today, when I go on Facebook, I see only perfect and beautiful people who are all happy and show themselves "in the best light."

WHERE THERE'S LIGHT, THERE'S ALSO SHADOW. BOTH TOGETHER, THAT'S NATURAL!

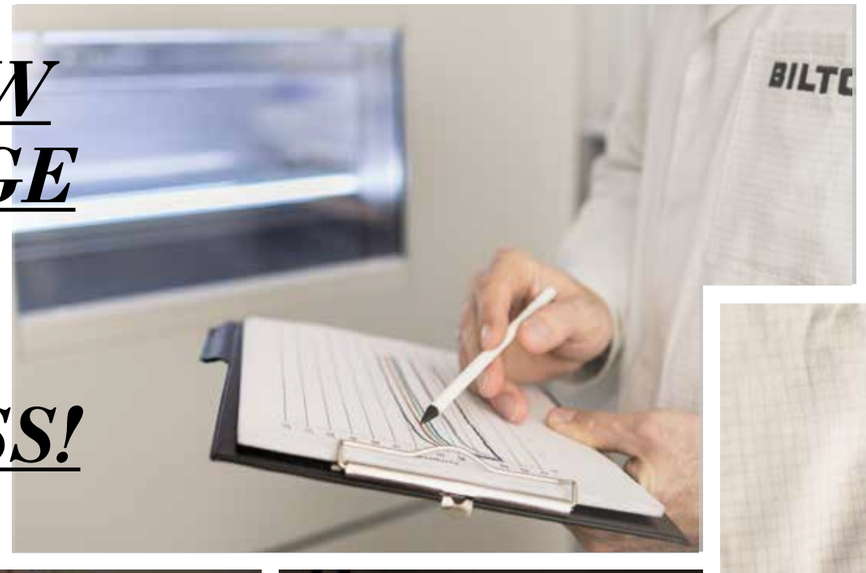
And this is exactly where I can see how similar the philosophy of BILTON and mine is as a photographer. In my portrait photography I only use light as a basis – to create extraordinary photos, to underline the personality and to capture beautiful moments. At BILTON, the LED products are the basis, which forms part of the high-quality overall concept.

BUT WHY IS THE LIGHT SO SPECIAL? IT'S NOT THE LIGHT, BUT WHAT YOU MAKE OF IT.

We put people and their needs first. What does the customer need to feel comfortable? How can I best serve my customer so that they are happy? We see the person who is affected by the light and not the product! So everyone can be human and not have to hide behind a mask.

With us everyone gets their personal and individual light!

DI JOHANNES FELSCH *WWW.FELSCH-FOTO.AT*



KNOW LEDGE IS PRO GRESS!

TECH NOLOGY NEWS

BILTON presents: the INTEGRATING SPHERE. It enhanced our test suite giving us the opportunity to carry out important luminous flux tests on site. For even more independence in research and development – and so even faster action and even faster response to the wishes of our customers.

THE INTEGRATING SPHERE

Both luminous flux and spectral radiant power can be measured via the integrating sphere. This corresponds to the absolute measurement of luminous flux and its spectral distribution. It is also possible to determine colour coordinates, colour temperature and colour rendering index in accordance with CIE standards. All these points serve to offer exactly the product that customers and the market want at the end of the day. Naturally supplemented by in-house long-term tests, climatic chamber, salt spray chamber and many more. For maximum independence!

INDUSTRY PROJECTS

"UPSELLING" IS THE BUZZWORD WHEN IT COMES TO THE USE OF LED LIGHTING SOLUTIONS IN INDUSTRY. OR THE COMBINATION OF PRACTICAL BENEFITS AND ILLUMINATED ADDED VALUE. IN THIS WAY, LED LIGHTING CAN NOT ONLY VISUALLY ENHANCE A PRODUCT BUT ALSO PROVIDE GENUINE ADDED VALUE. REGARDLESS OF WHETHER IT IS FOR WHITE GOODS, FURNISHINGS OR INTERIOR FITTINGS. IT CANNOT BE SAID OFTEN ENOUGH THAT THE POSSIBILITIES ARE ALMOST UNLIMITED. BUT IT IS ALWAYS POSSIBLE TO SHOW HOW THESE POSSIBILITIES CAN BE REALISED WITH BILTON PRODUCTS.

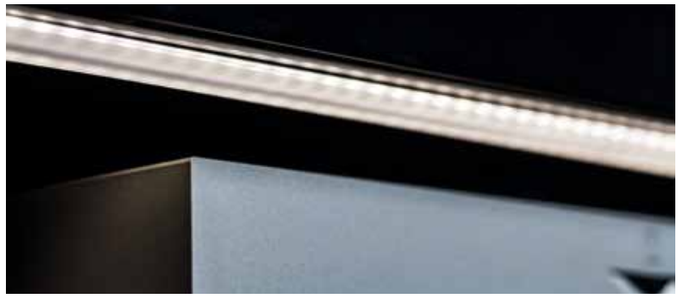
INTERIOR LIGHT

FALKEN OHR

PREMIUM TO PREMIUM

"Those who offer a 'Made in Austria' premium product, cannot simply install Chinese LED strips", is the clear statement of Robert Mayr, founder and managing director of FalkenOhr Klangmöbel. It is therefore not enough for him to offer a perfect vibration management, a revolutionary decoupling of the compartment levels and individual adaptations to the listening preferences of the customers. Design is also crucial for these high-class products.

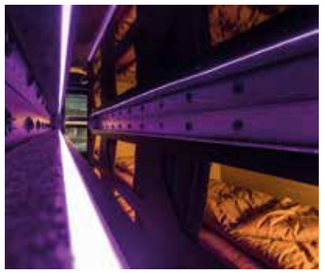
Inspired by the charm of classical musical instruments and traditional craftsmanship, FalkenOhr Klangmöbel presents itself as pleasantly unobtrusive and enriching to the eye. And this is where BILTON comes in. With the LED strips of the BILTON ONE 600 range. Built into our smallest installation profile CT02, it provides exactly the light that does not push itself into the foreground, but enhances the sound furniture in its entirety. The asymmetrical lens CX06 then only provides the targeted direction of the LED light.

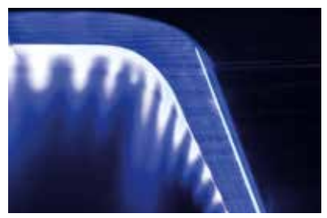


WWW.FALKENOHR.AT

ZEPPELIN NIGHTLINERS

AMBIENT LIGHT





ON TOURS

The list of customers alone reads like the "who-is-who" of the international music scene. From Aerosmith and Alice Cooper to the Fantastischen Vier and the EAV through to the Red Hot Chili Peppers and Wiz Khalifa, "Zeppelin Nightliners" chauffeurs real stars in top class touring buses. Quality is the keyword here that convinces. This is why BILTON's linear LED solutions are now being used for interior lighting. The side strips in warm white from the BILTON ONE 2000 series, for example, provide the appropriate basic mood for the traveller. And BILTON also sets accents in the bathroom. Via niche lighting in separate YT-profiles with frosted covers.

The strips are operated directly via the 24 V on-board power supply with voltage stabilisation. Just as self-sufficient as the stars want to be in their personal surroundings. We are a little bit proud that the international music and show scene is bathed in Austrian light. At least off the stage.

WWW.ZEPPELINNIGHTLINERS.COM

FUNCTIONAL LIGHT

WELL ROUNDED

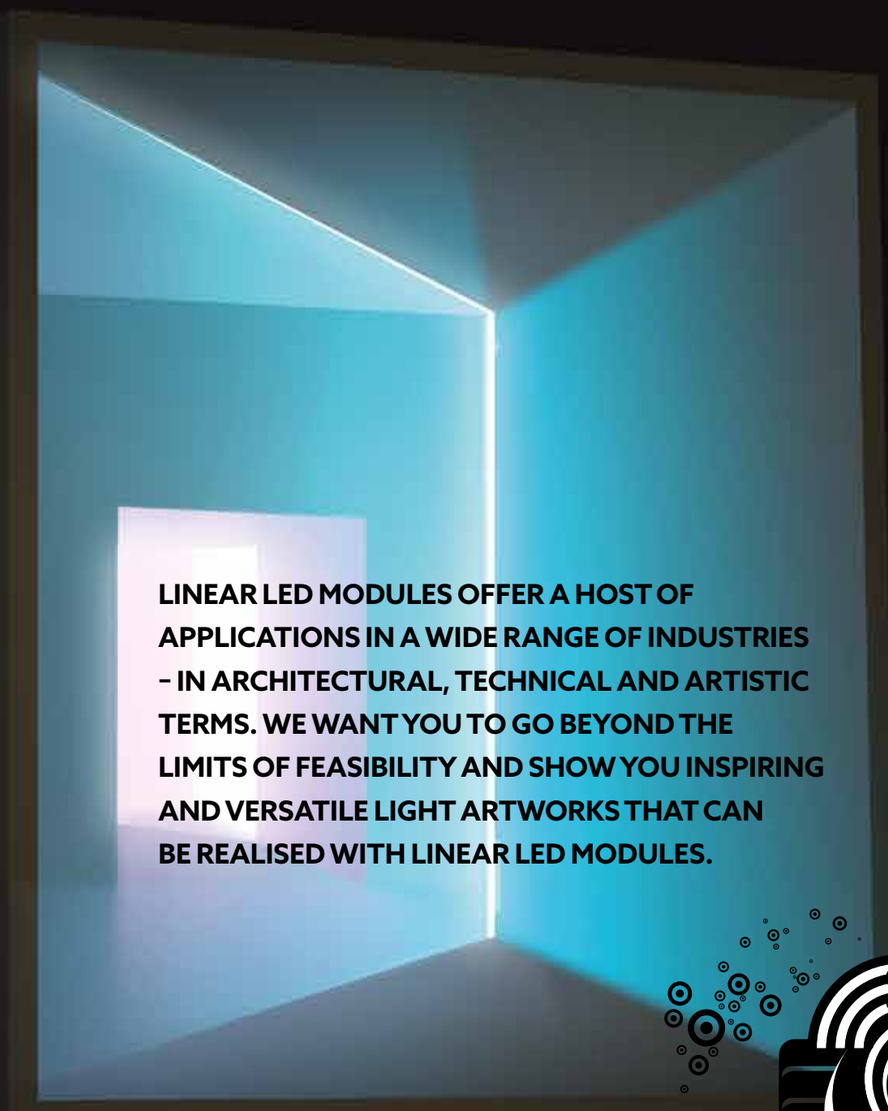
Energy efficiency is the measure of all things, especially when it comes to household appliances. LED solutions from BILTON make this possible – even though there is more light at first glance than before.
This is where the future of possibilities lies. Nowadays washing machine drums are illuminated in such a way that the colour indicates whether the machine is still running or has already finished. In addition, the door window can also be used to illuminate the interior without the light source coming into direct contact with the water, but with the pleasant possibility of recognising the laundry immediately when loading and unloading. And all these are just the beginnings.

For us at BILTON it is still clear that the possibilities are steadily increasing. It is precisely for this reason that we increasingly rely on our own research and development to develop optimum solutions for industry in line with our customers' ideas. Technically always at the highest level – and at reasonable prices.

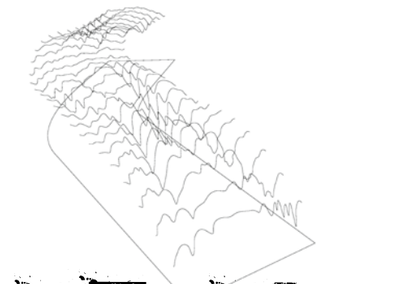
Feel free to contact us to let your ideas become reality in the future.

WHITE GOODS

THE ART OF LINEAR LIGHTING



LINEAR LED MODULES OFFER A HOST OF APPLICATIONS IN A WIDE RANGE OF INDUSTRIES – IN ARCHITECTURAL, TECHNICAL AND ARTISTIC TERMS. WE WANT YOU TO GO BEYOND THE LIMITS OF FEASIBILITY AND SHOW YOU INSPIRING AND VERSATILE LIGHT ARTWORKS THAT CAN BE REALISED WITH LINEAR LED MODULES.



Life Line

THE PULSE OF THE CITY

Architect and light artist **David Svensson** used linear warm-white LED modules in his work LIFE LINE, which reflects the pulse of city life in the bustling Stockholm railway station. The project, a light installation as a pendant luminaire, consists of metal profiles and a ceiling on which the warm white light is projected in the form of living lines to represent the basic visual language of the line.

The installation consists of linear LED modules with a total length of 400 metres, spread across 32 lines. The artwork also became part of the station's general lighting. *"A station in the centre of Stockholm is naturally very movement-oriented. I see the station as a reflection of the city pulse and its life. People commute by public transport from their homes to work, school and elsewhere. And back again. A station is permeated by this stream of people and acts like a natural cycle."* Says the artist about his work.

www.archdaily.com/880053/suspended-led-lighting-installation-projects-the-pulse-of-city-life-in-stockholm

ARCHITECT: DAVID SVENSSON
PLACE: STOCKHOLM CITY LINE (CITYBANAN), STATION ODENPLAN, 113 22 STOCKHOLM, SWEDEN
YEAR: 2017
FACTS & FIGURES: ARCHITECTURAL LIGHT INSTALLATION, WITH A TOTAL AREA OF 350 M², A TOTAL OF 400 METRES OF LINEAR LED MODULES WERE FITTED, SPREAD ACROSS 32 LINES
IN COLLABORATION WITH: ARCHITECT EDVIN BYLANDER FROM FOJAB ARKITEKTER, NORDISKA NEON & DIOD, TRAFIKVERKET
PHOTOGRAPHY: DAVID SVENSSON, HANS EKESTANG, SHUTTERSTOCK

AMSTERDAM LIGHT FESTIVAL 2017/18

30TH. NOVEMBER 2017 – 21ST. JANUARY 2018

PHOTOGRAPHY: *AMSTERDAM LIGHT FESTIVAL, CAPRA 31, SHUTTERSTOCK*

MISSION

The Amsterdam Light Festival brings people of different origins together in the dark winter months. With the presentation of high-quality and innovative light art in public spaces, the festival aims to involve, inspire and enlighten visitors, creators and partners.

VISION

The Amsterdam Light Festival has become a permanent eye-catcher in the cultural landscape. The festival amazes and connects. Emphasis on artistic quality has a positive influence on identity and content.

LIGHT INSTALLATION DURING THE LIGHT FESTIVAL IN AMSTERDAM.

At the last **AMSTERDAM LIGHT FESTIVAL**, that took place in December and the start of January, the best light artists from home and abroad lit up the canals of Amsterdam. For weeks, residents and their guests were able to admire the most beautiful works of art and installations in the city centre of Amsterdam. The light-artworks could be admired both during a city tour and from the tour boat. The best time was at the end of each day at the dusk began to settle in. In the dark, the lights really come into their own.

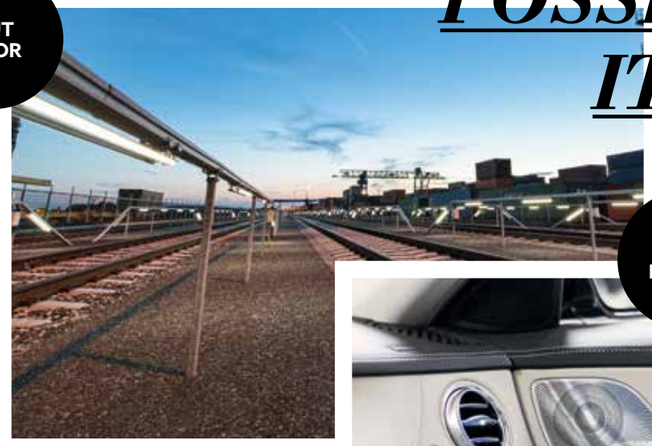
CITY TOUR ILLUMINADE

The city tour **ILLUMINADE** takes you past 20 light artworks every year. The exhibition includes the masterpieces of top international talents and artists such as AI WEIWEI, specially designed for the festival. Think of colourful projections on historical architecture, dynamic light installations in city parks and works of art that you could literally walk through. A breath-taking total work of art that made Amsterdam shine for everyone who wanted to be enchanted and that will shine again in 2018/19.

https://amsterdamlightfestival.com/en
https://www.lightart-collection.com/

ONE SYSTEM ENDLESS POSSIBILITIES

OUT DOOR



INTE RIOR

AUTO MOTIVE

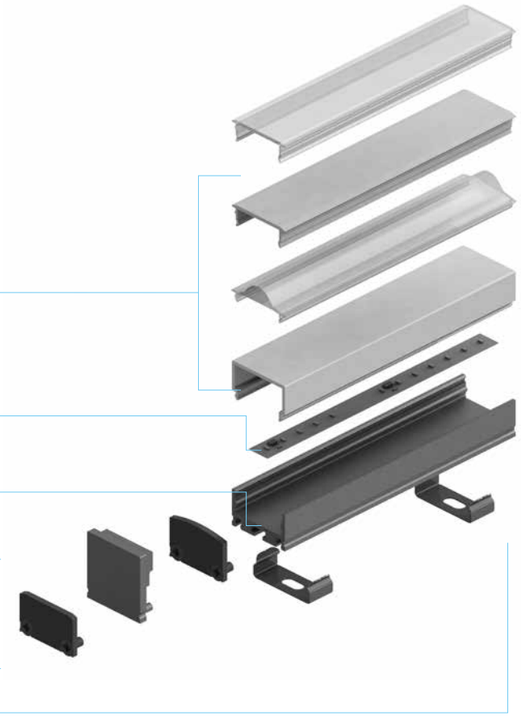
ARCHI TECTURE

AERO PLANE

WHITE GOODS

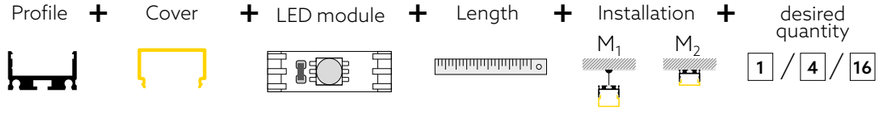
Linear LED modules offer a host of applications in a wide range of industries – in architectural, technical and artistic terms. We want you to go beyond the limits of feasibility and show you inspiring and versatile light artworks that can be realised with linear LED modules.

X-LINE



X-LINE-MODULE
CONFIGURATOR

Linear LED modules offer a wide range of applications. And with the BILTON modular system, you are only a few steps away from your lighting solution. BILTON supplies you with everything you need to install your desired luminaire within 5 minutes. It is that easy: Select a profile and the cover you want. Select a suitable LED module. Please let us know the desired length of the luminaire and the fitting you require: on the cable (M1), support (M2) or installation (M3). Finally, the desired number of units – and nothing else. That's it. You can find the complete BILTON product range on our website and if you have any questions, our service team will be happy to help you.



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