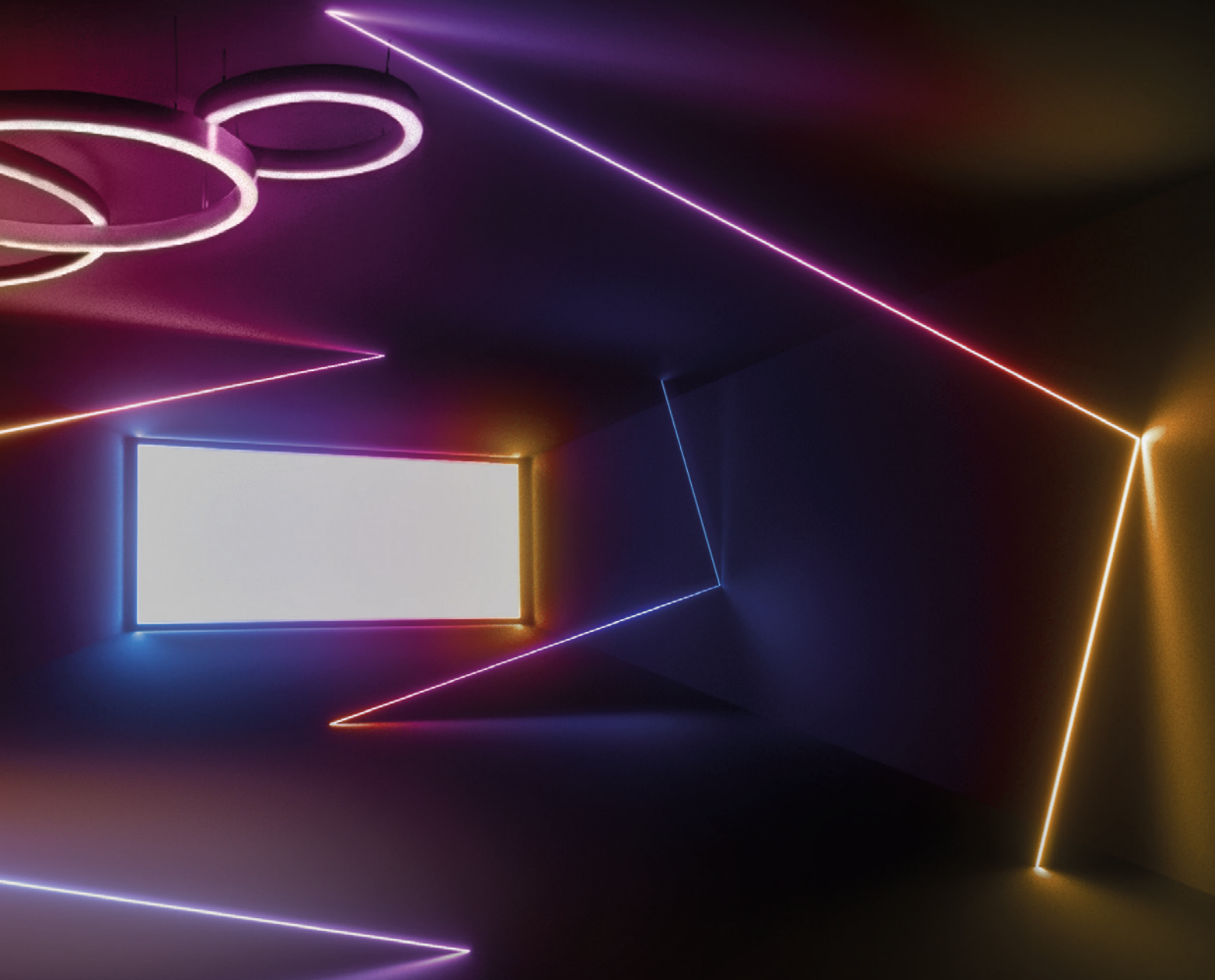


BILTON LEDON TECHNOLOGY



ILLUMINATING
VISIONS

2022

Dear business partners and customers,

We have always been concerned with bringing outstanding light to people – to create harmony between space, its use, and the ideas of the designers. From the beginning, we have focused exclusively on professional and sustainable LED lighting and continuously supported technological developments.

We continually take up the most diverse lighting technologies and combine them harmoniously with the needs of the user. Outstanding products for accent and general lighting will be listed with the LEDON suffix– such as our panels with a wide range of accessories and special solutions. Customised, architectural solutions such as Ledon Loop in many different versions are also part of our product range. Let us inspire you! From now on, you will find the LEDON Kopernikus product series in the BILTON range under the name BILTON Linear Comfort.

BILTON Linear Comfort and strip lighting stand for linear systems – from continuous strip lights to a wide range of different profiles with matching covers. With our linear LED modules “Made in Austria”, no wishes remain unfulfilled. Solution-oriented in consulting and with our constantly developing product portfolio, we can develop and implement both individual and complex projects with you. In most cases, this also results in customised products and lighting solutions that precisely fit your requirements. We proudly present an overview of our products in our lighting catalogue. Because we can act individually, we deliberately do not display all product variants – please contact us if your desired product is not shown or deviates from the standard. We are sure to find the perfect solution for all of your applications.

Our continual pursuit of the best light and sustainability has always led us into innovative new areas: With Plantlife Technologies, we dedicate ourselves to other light receivers – plants. Following the global weather phenomena and the desire for sustainable and regional solutions for plant cultivation, we have developed ModuLED, a modular lighting solution for indoor plant cultivation for which we have filed a patent. As with all our other lighting solutions, we place the highest value on quality and efficiency with ModuLED. For plants, this means that all plants on the cultivated area receive the right light intensity and precisely the spectrum that they can actually absorb – so no energy is wasted on photons that plants cannot absorb. Because light is “food” for plants – and this must be balanced so that they can perform at their best and provide an optimal yield. LEDIVA, our environmentally friendly photovoltaic mast lamp, brings light, well-being, and safety to places where a power supply is not available or simply not economically justifiable. Powered purely by solar light energy, our outstanding storage solution provides up to 10 days of light – even if no new solar energy can be added because of bad weather. Sustainability and quality are also expressed in our ISO 9001 and ISO 14001 certification. Have we piqued your curiosity? If so, we hope you enjoy our lighting catalogue and selecting your special lighting solution.



A. Bergerhoff

Andrea Bergerhoff

Mag. Michael Farthofer

Mag. Michael Farthofer

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BILTON

LEDON

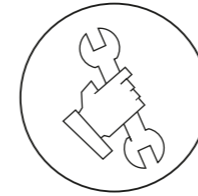
BILTON LEDON
TECHNOLOGY

BILTON LEDON TECHNOLOGY

BLT.

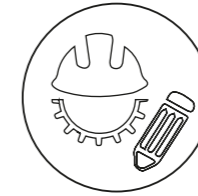
ABOUT BLT.

The corporate merger of BILTON International and LEDON combines the strengths of both companies. The outstanding service portfolio is further developed with extensive expertise. In this way, the high level of professionalism and creativity in the development of customised lighting solutions for customers and partners can be further increased and positioned more broadly in the market. With a clear focus on high-quality products and innovative, individual solutions, the focus is always on the customer. The merger brings together two industry professionals, thereby establishing a new innovation and technology leader.



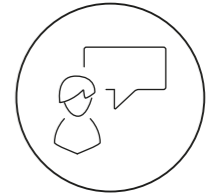
CONFIGURATION

Customised configuration of
LED lighting



SUPPORT

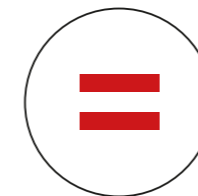
Project planning and development for
an optimal and efficient result



SERVICE

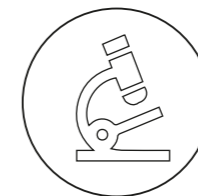
Customer-oriented: After Sales,
Customer Service & Technical
Support, On-Site Consultation

ALL ADVANTAGES AT A GLANCE



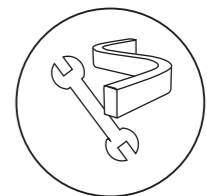
MADE IN AUSTRIA

5-year guarantee on the entire
"MADE IN AUSTRIA" range



DEVELOPMENT

Well-founded manufacturing
competence through our own
research and in-house production



ASSEMBLING

Assembly and manufacturing of LED
lighting systems in production

PRO JECTS



PRODUCTS

BILTON AIR RGB
BILTON AIR 2,700 K

BRÜNDL SPORTS

In many companies, increasing emphasis is being placed on sustainability. The new Bründl Sports flagship store in Kaprun/Salzburg relies on efficient LED modules from the region.

The BILTON AIR series shows its full glory: the LED modules in the silicone tube were used indoors and outdoors – in both RGB and white. On the “Skywalk” rooftop, the BILTON AIR RGB was integrated into the handrail – seen here as a blue light line.

In addition, the BILTON AIR – in a beautiful warm white – in 2,700 Kelvin in the railing of the roof terrace and in the handrail at the main entrance. Indoors, BILTON AIR functions as indirect bar lighting in the bistro area.





PRODUCTS

LEDON High-Bay
Comfort



KLATT FÖRDERTECHNIK GMBH

In the course of the fundamental renovation of Klatt's production halls, all of the lighting was modernised. This required planning down to the smallest detail. This was carried out independently by the management.

The requirements for the lighting technology included achieving glare-free yet powerful illumination from a ceiling height of around 7 m. The aim was also to use a lighting solution that was as flat and square as possible in order to allow the lamps to be surface-mounted on the substructure of the roof. Since autumn 2020, LEDON High Bay Comfort lamps flood the 2,100 m² production space.

DETACHED HOME

A vision and a wide range of linear LED products: this is how this detached home was realised. Here, the outdoor area as well as the indoor areas were staged in white and coloured light. With a simple recessed profile and a BILTON ONE, the wood panelling was not only perfectly illuminated visually but also became an architectural highlight of the house thanks to its extraordinary design. In addition, there is a coloured light line in the outdoor area. This envelops the seating lounge in the desired light colour. Indirect lighting in the kitchen, direct lighting, and an illuminated panel on the ceiling can be found in the interior.

PRODUCTS

BILTON ONE
BILTON RGB
BILTON Profiles and covers





PRODUCTS

LEDON Panel Comfort+



FLICK FASHION GROUP GMBH

Customers still attach great importance to being able to experience the products haptically, especially when shopping for fashion goods.

A decisive factor in the design of a store is thus a well thought-out lighting concept. For the fashion industry, excellent colour reproduction is important so that colour tones and textiles can be easily recognised. Bright and glare-free lighting also creates a particularly pleasant atmosphere and a sense of well-being among customers.

When using LED lighting, the savings in energy costs are a factor that should not be neglected. Entrance and catering areas were designed with recessed downlights and inset lights. In addition, accents were created - among other things with spotlights - in order to improve orientation.



PRODUCTS

BILTON AIR RGB
BILTON RGB & BILTON ONE
BILTON Accessories



HOTEL PANTHER'A

For everyone, holiday relaxation begins with the right accommodation. Like the Panther'A in Saalbach. The hotel was completely rebuilt. After 6 months, the panther shines in a new light. The motto is as follows: "We combine the good, the tried and tested, and the traditional with the new, the modern, the contemporary, and the innovative". This motto was implemented with a diverse range of BILTON LEDON Technology (BLT.) LED products in a wide variety of designs. Diverse implementation and great lighting design for a great atmosphere and unforgettable moments in the heart of Saalbach.



PRODUCTS

LEDON Panel Comfort+

BUCHS VACCINATION CENTRE

In order to be able to vaccinate as many people as possible within the shortest possible time, the canton of St. Gallen, the municipality of Buchs, and the initiators of Heimatschutz built the COVID vaccination centre at a location that is easy to reach by public transport.

Because of the outstanding glare control and homogeneity of the light, the lighting solution used is perfectly suited for optimal general lighting of the vaccination and rest rooms, the communal areas, and the doctors' rooms. A total of 105 LEDON Panel Comfort+ were installed.

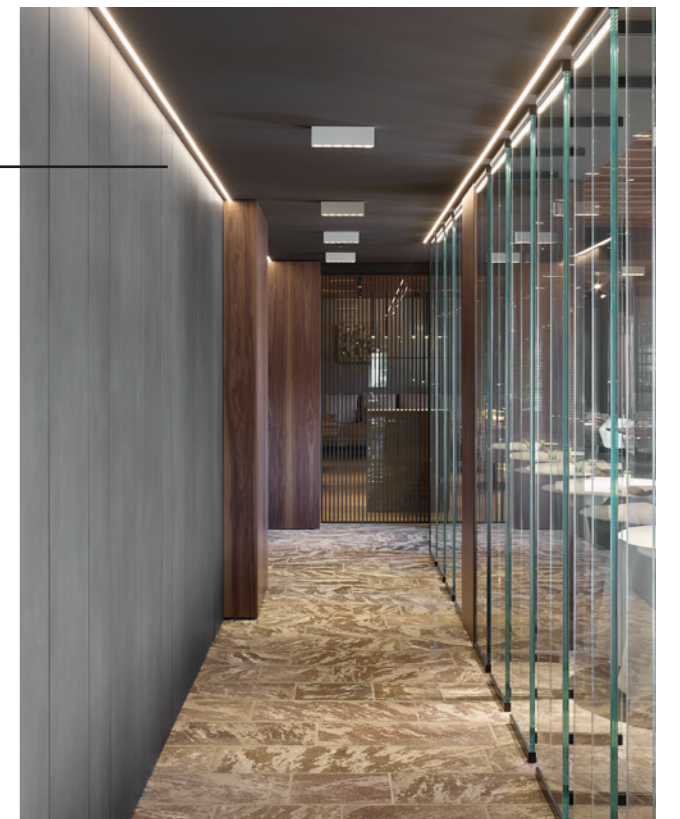


SAN GIACOMO HOTEL

The requirements for good lighting in a hotel go far beyond purely practical demands. Lighting is primarily about the effect of the light. The most important thing is that guests feel at home – or a little bit more – in the exclusive ambience. In the Hotel San Giacomo in Brentonico on Lake Garda, all the possibilities of light were fully taken advantage of. BILTON was used in the linear components. The LED modules from BILTON LEDON Technology thus provide fascinating detailed lighting and an all-round harmonious ambience in this incredible designer hotel.

PRODUCTS

BILTON ONE
BILTON Accessories



LED

LIGHTS



LEDON LOOP

Architecture all around.
As general lighting in entrance areas and common rooms:
loop gives a timeless modern glow. The brilliant effect of the
lamps give every room a dream-like atmosphere.



- L80 B10 50,000 HRS LIFETIME
- 5 YEAR GUARANTEE
- RA >80 COLOUR RENDERING
- FLICKER-FREE
- DIMMING
- ADAPTIVE WHITE 3,000 – 6,500 K
- DIRECT LIGHTING

Article No.	Description	Diameter	Colour temperature	Beam angle	Luminous flux	Colour	Version
29001750	LEDON Loop 900 3600lm/110D/830 DALI BK	900 mm	3,000 K	110° direct	3,600 lm	Black	Suspended / surface-mounted
29001751	LEDON Loop 900 3600lm/110D/840 DALI BK		4,000 K				
29001752	LEDON Loop 1200 5400lm/110D/830 DALI BK	1,200 mm	3,000 K		5,400 lm		
29001753	LEDON Loop 1200 5400lm/110D/840 DALI BK		4,000 K				
29001754	LEDON Loop 1500 7200lm/110D/830 DALI BK	1,500 mm	3,000 K		7,200 lm		
29001755	LEDON Loop 1500 7200lm/110D/840 DALI BK		4,000 K				

All versions include the necessary mounting accessories.



LEDON Loop can be realised up to 0.6 to 5,0 m in diameter and is available in many colours and special sizes.
Please send your enquiry to office@bltechnology.eu.



PANEL

SPECIALIST

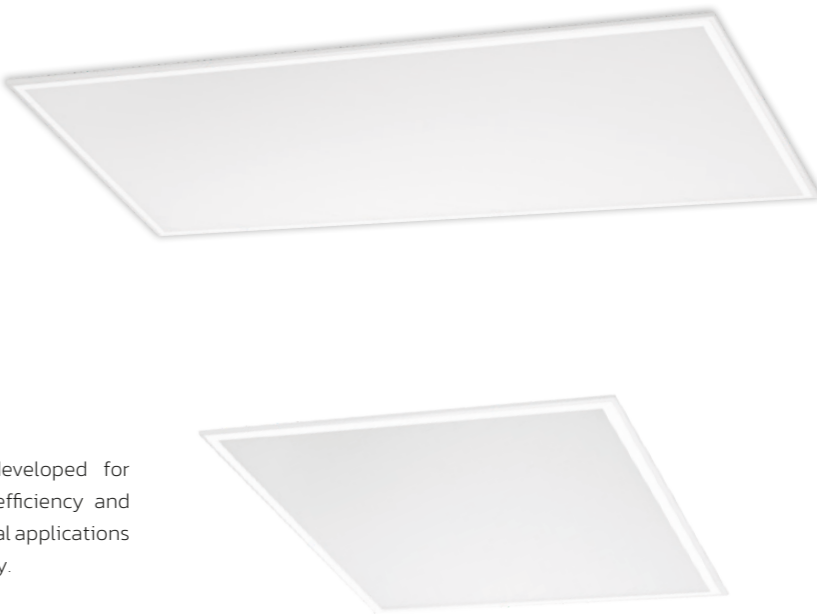
Our high-quality panels have not only a uniform light output but also innovative functions that help to make everyday working life more comfortable without additional installation effort. They are the ideal lighting solutions for applications for which the highest demands are placed on lighting quality and efficiency.

We are also able to flexibly adapt our surface lights to individual customer requirements or quickly develop new ones. This applies to lighting technology as well as shapes and designs and different mounting and support systems.



LEDON PANEL COMFORT+

The light of this high-quality lamp has been specially developed for environments in which high demands are placed on energy efficiency and lighting comfort. These include offices, schools, or other commercial applications where concentrated work in a relaxed atmosphere is a top priority.



- L80 B10 50,000 HRS** LIFETIME
- 5 YEAR** GUARANTEE
- FLICKER-FREE**
- LUX SENSOR**
- DIMMING**
- RA >90** COLOUR RENDERING
- MOTION SENSOR**
- <19 UNIFIED GLARE RATING**
- ADAPTIVE WHITE 3,000 - 6,500 K**

Article No.	Description	Dimensions	Beam angle	Colour temperature	Luminous flux	Feature
29002539	LEDON Panel Comfort+ 597x597 4000LM/90D/940 WH 900mA	597x597x8 mm	90°	4,000 K	4,000 lm	Switchable / DALI
29002540	LEDON Panel Comfort+ 620x620 4000LM/90D/940 WH 900mA	620x620x8 mm	90°			Switchable / DALI
29002541	LEDON Panel Comfort+ 623x623 4000LM/90D/940 WH 900mA	623x623x8 mm	90°			Switchable / DALI
29002542	LEDON Panel Comfort+ 1197x297 3800LM/80D/940 WH 900mA	1,197x297x8 mm	90°	3,000 K	3,800 lm	Switchable / DALI
29002543	LEDON Panel Comfort+ 597x597 3800LM/90D/930 WH 900mA	597x597x8 mm	90°			Switchable / DALI
29002544	LEDON Panel Comfort+ 620x620 3800LM/90D/930 WH 900mA	620x620x8 mm	90°		3,650 lm	Switchable / DALI
29002545	LEDON Panel Comfort+ 1197x297 3650LM/80D/930 WH 900mA	1,197x297x8 mm	90°			Switchable / DALI
29002546	LEDON Panel Comfort+ 623x623 3700LM/90D/930 WH 900mA	623x623x8 mm	90°	3,000 K - 6,500 K	3,800 lm	Switchable / DALI
29002189	LEDON Panel Comfort+ 620x620 TWL/90D/830-865 WH 2x700mA	620x620x8 mm	90°		4,000 lm	Adaptive White
29002566	LEDON Panel Comfort+ 1197x297 TWL/80D/830-865 WH 2x700mA	1,197x297x8 mm	90°			Adaptive White

Select the appropriate LED converter						
19002040	LED DRIVER 200-240V CC 900mA 28-42VDC	160x50x32 mm	~	~	~	Switchable
19002041	LED DRIVER 200-240VAC 900mA 6-42VDC DALI & Push-Dim	103x69x31 mm	~	~	~	DALI, Push-DIM
19002055	LED DRIVER 220-240V CC 900mA 30-46VDC LUX ADAPT	202x58x30 mm	~	~	~	LUX ADAPT
29002399	LED DRIVER 220-240V CC 900mA 30-42VDC MOTION ADAPT	110x92x40 5 mm	~	~	~	MOTION ADAPT
29001318	LED DRIVER 220-240V CC 2x700mA 20-42VDC DT8	215x70x31 mm	~	~	~	Adaptive White
29001352	LED DRIVER 220-240V CC 2x700mA 20-50VDC DALI 2xCH	215x70x31 mm	~	~	~	Adaptive White

Other light colours and sizes are available on request.

LEDON PANEL PURE+



This bright and efficient lamp is the perfect solution for all applications with high lighting requirements. With a unified glare rating of UGR<19, the Pure+ panel is particularly suitable for lighting work environments. For example, in offices, educational institutions, or other professional areas. Depending on requirements, two different converters can be selected: switchable or DALI/SWITCH DIM.

- L80 B10 50,000 HRS LIFETIME
- 5 YEAR GUARANTEE
- FLICKER-FREE
- RA >90 COLOUR RENDERING
- DIMMING
- <19 UNIFIED GLARE RATING

Article No.	Description	Dimensions	Beam angle	Colour temperature	Luminous flux	Feature
29002504	LEDON Panel Pure+ 620x620 4500LM/80D/840 WH 900mA	620x620x75 mm	90°	4,000 K	4,500 lm	Switchable / DALI
29002505	LEDON Panel Pure+ 1197x297 4200LM/80D/840 WH 900mA	1,197x297x75 mm	90°	4,000 K	4,200 lm	Switchable / DALI

Select the appropriate LED converter

19002040	LED DRIVER 200–240V CC 900mA 28–42VDC	160x50x32 mm	~	~	~	Switchable
19002041	LED DRIVER 200–240VAC 900mA 6–42VDC DALI & Push-Dim	103x69x31 mm	~	~	~	DALI, switchDIM
19002055	LED DRIVER 220–240V CC 900mA 30–46VDC LUX ADAPT	202x58x30 mm	~	~	~	LUX ADAPT
29002399	LED DRIVER 220–240V CC 900mA 30–42VDC MOTION ADAPT	110x92x40.5 mm	~	~	~	MOTION ADAPT

Other light colours and sizes are available on request.



LED-LIGHTS: LEDON PANEL

LEDON PANEL XTREME



The Panel XTreme is robust and insensitive. The IP54 protection rating makes the surface light especially suitable for use in demanding environments. The panel scores high with uniform, flicker-free, and glare-free light output with UGR<19. It is particularly suitable for working environments with above-average demands on the material yet high visual comfort.

L70 B10 50,000 HRS

LIFETIME

5 YEAR

GUARANTEE

FLICKER-FREE

RA >80

COLOUR RENDERING

IP54

PROTECTION

<19

UNIFIED GLARE RATING

Article No.	Description	Dimensions	Beam angle	Colour temperature	Luminous flux	Feature
29001625	LEDON Panel Xtreme 620x620 3600LM/60D/840 WH IP54	620x620x10 mm	60°	4,000 K	3,600 lm	Scalebar

Other light colours and sizes are available on request.

RoHS

CE

LEDON PANEL ROUND



A thoroughly elegant lamp that features a flat shape and exceptional, flicker-free light. The Panel Round is ideal for applications in which the highest demands are placed on lighting quality, efficiency, and design.

L70 B10 50,000 HRS

LIFETIME

5 YEAR

GUARANTEE

FLICKER-FREE

DIMMING

Article No.	Description	Dimensions	Unified glare rating (UGR)	Beam angle	Colour temperature	Luminous flux	Feature
29001394	LEDON Panel Round 400 2900LM/110D/840 WH 800MA	Ø 400 mm	< 25	110°	4,000 K	2,900 lm	Scalebar/DALI
29001395	LEDON Panel Round 600 3500LM/110D/840 WH 1050MA	Ø 600 mm	< 22			3,500 lm	Scalebar/DALI

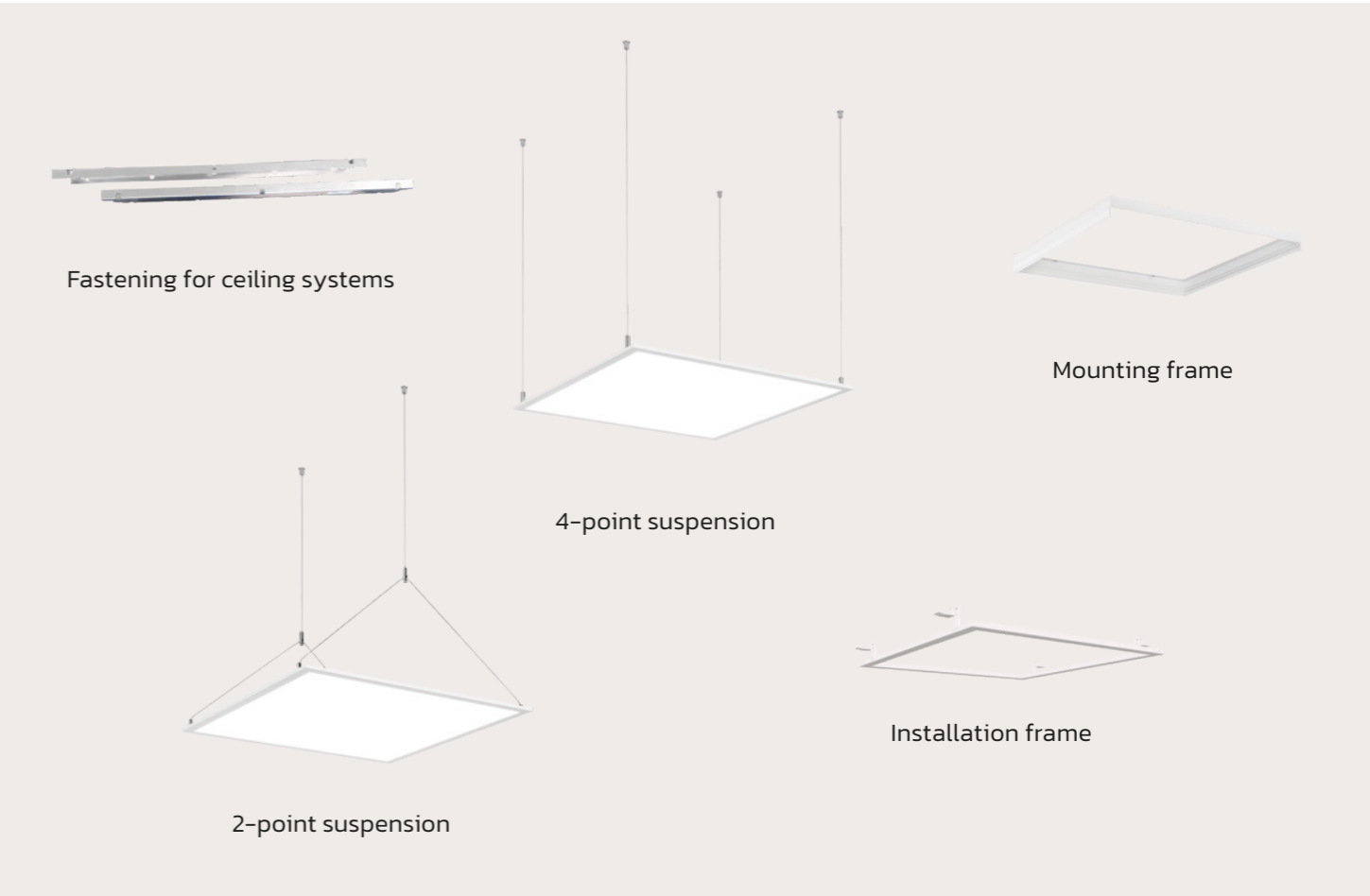
Select the appropriate LED converter

29001396	LED DRIVER 220-240V CC 800mA 30-42VDC	157x43x30 mm	for 800 mA	~	~	~	~	Scalebar
29001397	LED DRIVER 220-240V CC 1050mA 30-42VDC	157x43x30 mm	for 1050 mA	~	~	~	~	Scalebar
29002502	LED DRIVER 200-240V CC 800mA 6-42VDC DALI	103x69x31 mm	for 800 mA	~	~	~	~	DALI, switchDim
29002503	LED DRIVER 200-240V CC 1050mA 6-40VDC DALI	103x69x31 mm	for 1,050 mA	~	~	~	~	DALI, switchDim

Other light colours and sizes are available on request.

RoHS

CE



LEDON PANEL ACCESSORIES

A wide range of surface-mounted and recessed frames, wire suspensions, fixing elements, and additional components for our lamps. Adapted to the respective room situation and easy to install.

Article No.	Description	Dimensions	Compatible with	Feature
29001062	LED PANEL SURFACE MOUNTING KIT	610x610x54 mm	597x597 mm	Mounting frame
29001314		633x633x54 mm	620x620 mm	
29001094		1,210x310x54 mm	1,197x297 mm	
29001598	LEDON PANEL WALL MOUNTING KIT M4	75x17 mm	Square mounting frame	Wall mount
29001063	LED PANEL FLUSH MOUNTING KIT	642x642 mm	597x597 mm	Installation frame
29001098		668x668 mm	620x620 mm	
29001506	LEDON PANEL Round SUSPENSION KIT 3x1m WH	Length 3x1 m	Round	Cable suspension, including ceiling canopy
29001595	LEDON PANEL SUSPENSION KIT 2x2m M4	Length 2x2 m	Comfort+	2-point suspension
29001596	LEDON PANEL SUSPENSION KIT 4x2m M4	Length 4x2 m		4-point suspension
29001576	LEDON PANEL MOUNTING BRACKET KIT PROFILE FLEX 62	~	597x597 mm 620x620 mm 623x623 mm	Fastening for ceiling systems H-support profile 28
				Mounting system for Q-Clip ceilings with H-support profile 28
				Fastening for ceiling systems with C-profile
				Mounting system for Q-Clip ceilings with H-support profile 28 and Haag-2 and Z-profile from Gema

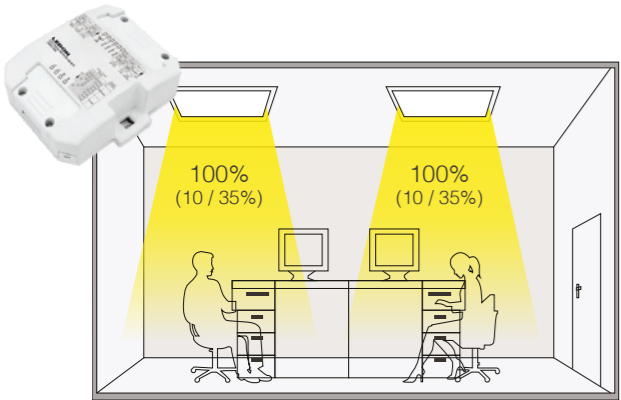
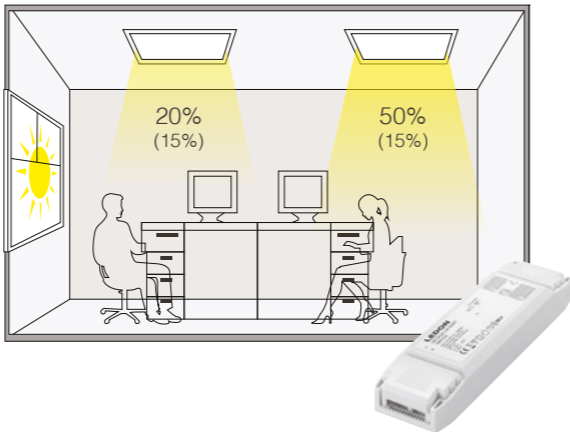
LIGHT CONTROL MADE EASY

True to the motto “keep it simple”, the LUX ADAPT and MOTION ADAPT converters detect the brightness or movements in the environment and adjust the light output of Comfort+ panels accordingly. The installation of the converters is the same as for switchable lamps. No additional control lines, control units, or external sensors are required. Likewise, there are no additional installation costs.

AT A GLANCE

LUX ADAPT

The LUX ADAPT converter independently measures the brightness of the environment through an opening on the back of the Comfort+ panel. The desired lighting level is then set depending on the existing ambient light and automatically maintained. The converter provides basic lighting – even in full daylight. In this way, it is possible to check at any time whether the control is active.

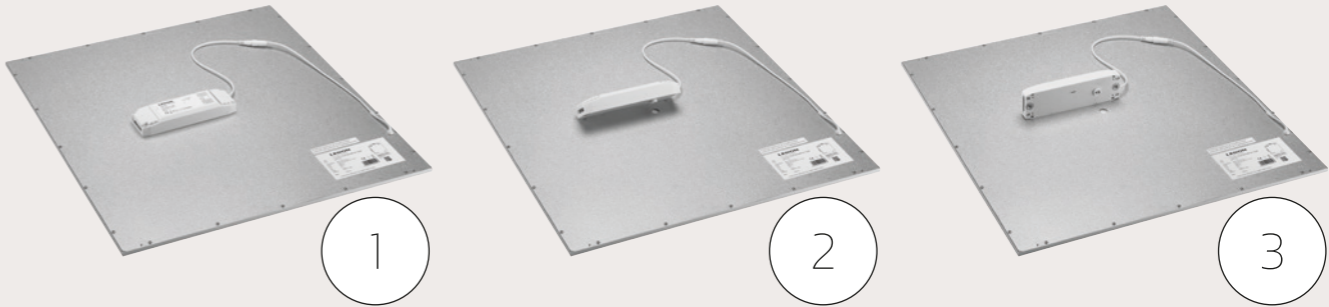


MOTION ADAPT

The MOTION ADAPT converter detects movement in the environment through an opening on the back of the Comfort Panel. When motion is detected, the light illuminates with a brightness of 100%. The converter also provides basic lighting in the absence of motion. It is thus possible to check at any time whether the control is activated.

Article No.	Description	Feature
19002055	LED DRIVER 220–240V CC 900mA 30–46VDC LUX ADAPT	The LUX ADAPT converter sets the desired lighting level depending on the existing ambient light.
29002399	LED DRIVER 220–240V CC 900mA 30–42VDC MOTION ADAPT	The MOTION ADAPT converter automatically switches the panel on when there is movement and insufficient daylight.

PLUG & PLAY



It doesn't get any easier: Insert the converter into the opening on the back of the Comfort+ panel. The panel can now be installed.

AMORTISATION CALCULATION LUX ADAPT

Take advantage of savings potential: With LUX ADAPT, for example, you can achieve considerable power savings in comparison to conventional switchable solutions. The following is an amortisation calculation based on the following assumptions: 200 m² office space, 10-year observation period, 0.10 EUR/kWh electricity costs.

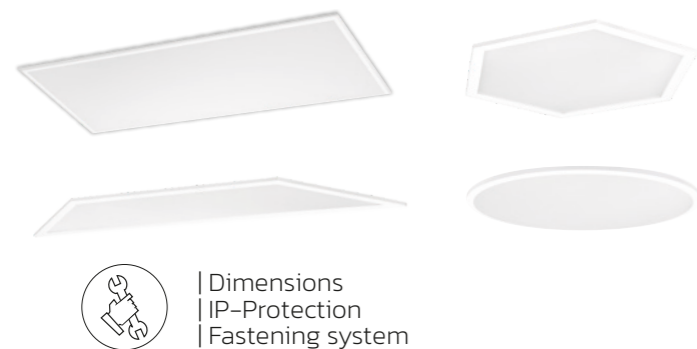
Description	PANEL switchable ON/OFF	PANEL LUX ADAPT
Number of lamps for 500 lx (pc)	41	41
Acquisition cost (EUR)	3,690	4,818
Rated power (W)	38	37
Total power consumed (kW)	16	15
Annual operating time (h)	2,500	2,500
Power consumption (kWh)	4,000	3,750
Savings through dimming 50% (kWh)	–	–1,875
Electricity costs per year (EUR)	400	187.5
Total electricity costs in 10 years (EUR)	4,000	1,875
Total costs (EUR)	7,690	6,693
Savings in total costs (EUR)	–	997

LEDON PANEL SOLUTIONS

When renovating and converting existing ceilings, specific requirements for a corresponding LED replacement solution arise in many cases. The use of lighting in fire protection ceilings also often requires an individual solution. Or there are special requirements for lighting quality within the context of Human Centric Lighting. Our panel lighting solutions are always used when special requirements necessitate the use of individual, custom-made products.

LIGHT TECHNOLOGY

On request, we supply models with special colour temperatures, CRI values, and/or lumen packages. In addition, variants with variably controllable light colour (Adaptive White) and brightness are possible.

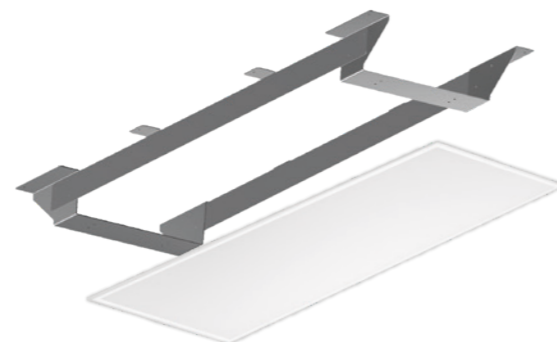


SHAPES AND DESIGNS

Special dimensions and individual sizes are possible. They can be adapted to the respective needs of the customer. In addition, higher IP protection classes up to IP54 (dust and splash-proof) are also available.

FASTENING AND SUPPORT SYSTEMS

We offer special fastening systems. For example, for metal ceilings. In addition, concealed support systems and other solutions for ceiling installation are also possible.





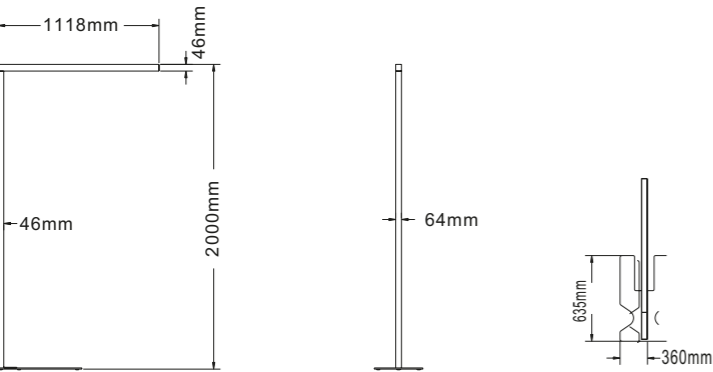
STAND-UP

INDIVIDUAL

When planning lighting concepts for a pleasant working atmosphere in hotels, offices, and conference rooms, flicker-free homogeneous light rendering and advanced three-step MacAdam binning are important factors. However, in addition to homogeneous lighting, safety, energy savings, and comfort play a central role in creating a pleasant working environment. Innovative control technologies such as daylight and motion sensors enable balanced room lighting at all times. Additional features such as Darklight reflectors and TouchDim control panels provide extra comfort.

LEDON STAND-UP COMFORT

The Darklight concept: An amazing technology for natural and balanced room lighting.
Thanks to its consistent design and Darklight reflectors, LEDON Stand-Up Comfort not only positively influences the illumination of the workplace but also brings out the main points in open-plan offices or at single and double workstations thanks to a strong indirect light component.



- L80 B10 50,000 HRS LIFETIME
- 5 YEAR GUARANTEE
- FLICKER-FREE
- <6 UNIFIED GLARE RATING
- DAYLIGHT SENSOR
- RA >80 COLOUR RENDERING
- DIRECT INDIRECT LIGHTING
- TOUCHDIM
- MOTION SENSOR

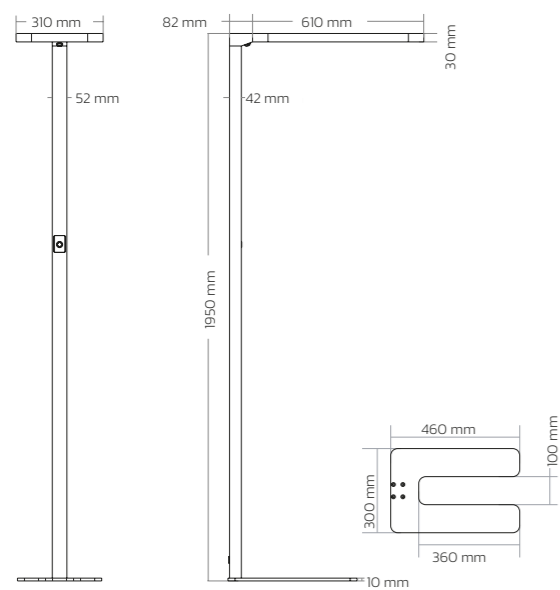
Article No.	Description	Colour	Power	Luminous flux	Beam angle	Colour temperature	Feature
29002150	LEDON Stand-Up Comfort 9600LM/50D-110I/840 MDS WH	White	80 W	9,600 lm	50° direct, 110° indirect	4,000 K	Sensors
29002152	LEDON Stand-Up Comfort 9600LM/50D-110I/840 MDS BK	Black	80 W	9,600 lm	50° direct, 110° indirect	4,000 K	Sensors

Further variants are available on request.



LED-LIGHTS: LEDON STAND-UP

LEDON STAND-UP PURE



The optimal addition to our proven product family.

A functional standard lamp that inspires with innovative control technologies such as daylight and motion sensors and enables glare-free working thanks to direct-indirect light distribution. A pleasant working atmosphere in hotels as well as in offices and conference rooms is ensured by flicker-free homogeneous light rendering and advanced three-step MacAdam binning.

Innovative dimming via TouchDim, fully automatic light control by means of touch-sensitive sensor technology, and an aesthetic design make this standard lamp an indispensable addition to modern office concepts.

L80 B10 50,000 HRS LIFETIME

5 YEAR GUARANTEE

FLICKER-FREE

<18 UNIFIED GLARE RATING

DAYLIGHT SENSOR

RA >80 COLOUR RENDERING

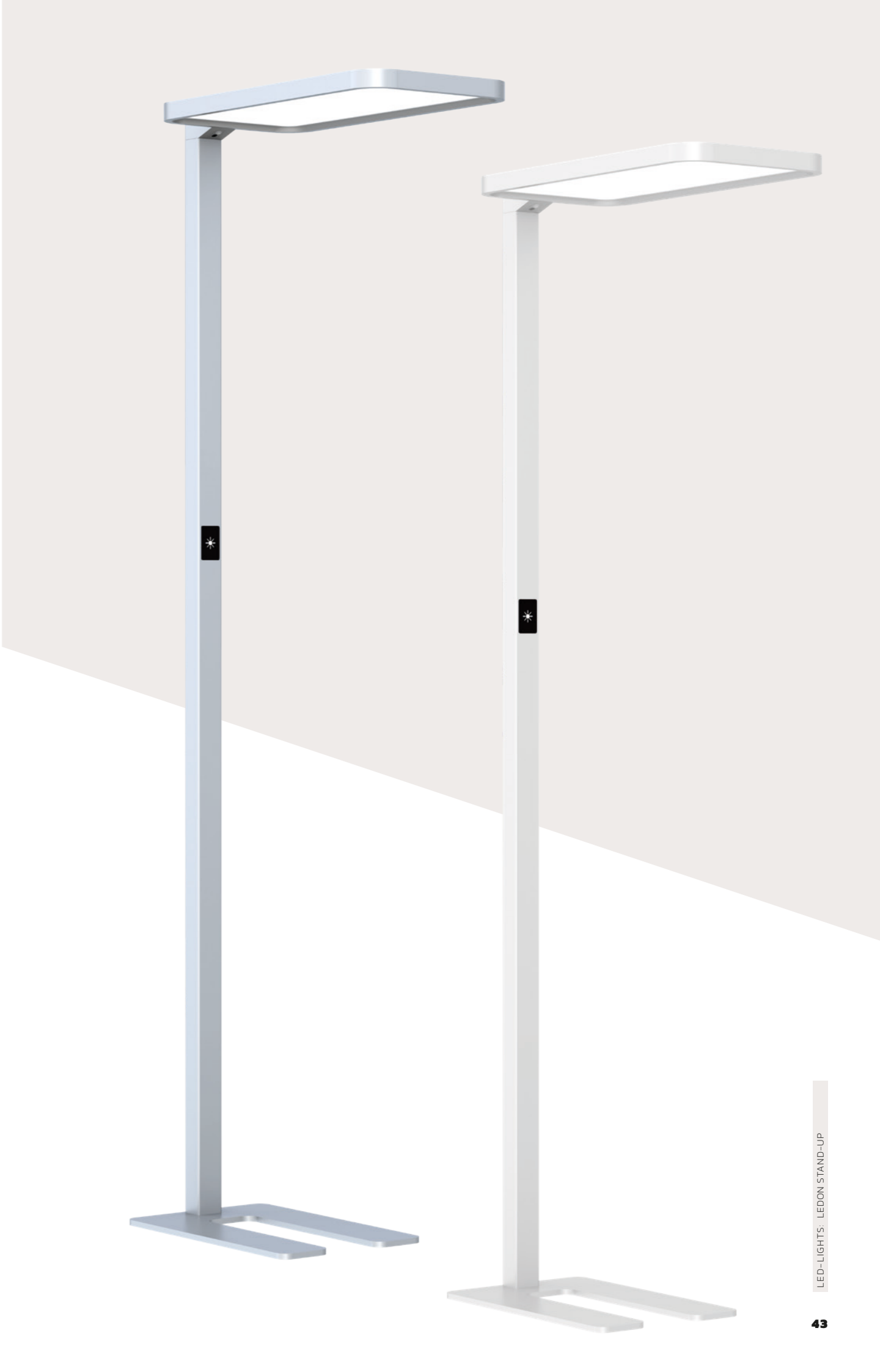
DIRECT INDIRECT LIGHTING

DIMMING

MOTION SENSOR

Article No.	Description	Colour	Power	Luminous flux	Beam angle	Colour temperature	Feature
29002160	LEDON Stand-Up Pure 8000LM/90D-I/840 230V MDS WHITE	White	80 W	8,000 lm	90° direct, 110° indirect	4,000 K	Sensors
29002161	LEDON Stand-Up Pure 8000LM/90D-I/840 230V MDS SILVER	Silver	80 W	8,000 lm	90° direct, 110° indirect	4,000 K	Sensors

Further variants are available on request.



LED-LIGHTS: LEDON STAND-UP



DOWNLIGHTS

MULTI-TALENTED

Our downlights are excellent lighting solutions for environments where a high quality of light is important. Different shapes, versions, light colours, and designs allow numerous applications: from glare-free office lighting with $UGR < 19$ to functional illumination of corridors, hallways, and sanitary facilities and professional residential lighting. Unique MR16 downlights can change their colour temperature to a warm, cosy lighting mood when dimmed (sunset dimming).

LEDON DOWNLIGHT OFFICE

This high-quality downlight has an excellent glare value of UGR<19 and is therefore particularly well-suited for lighting everything from offices and conference rooms, sales areas, and foyers to modern living areas.



- L80 B10 50,000 HRS LIFETIME
- 5 YEAR GUARANTEE
- DIMMING
- FLICKER-FREE
- RA >80 COLOUR RENDERING
- <19 UNIFIED GLARE RATING




Article No.	Description	External dimensions	Mounting diameter	Colour temperature	Beam angle	Luminous flux	Feature
29001316	LEDON DL Office 188 1800LM/38D/840 WH 500MA	Ø 188x78 mm	Ø 150-170 mm	4,000 K	38°	1,800 lm	UGR<19
Select the appropriate LED converter							
29001348	LED DRIVER 220-240V CC 500mA 15-34VDC	200x70x31 mm	~	~	~	~	Switchable
29002349	LED DRIVER 200-240V CC 500mA 6-42VDC DALI	200x70x31 mm	~	~	~	~	DALI, switchDIM
Other light colours and sizes are available on request.							

LEDON DOWNLIGHT XTREME

The robust recessed downlight scores high not only with IP54 protection but also with an excellent glare value. These properties allow for use in a wide variety of room applications.



- L70 B10 50,000 HRS LIFETIME
- 5 YEAR GUARANTEE
- DIMMING
- FLICKER-FREE
- RA >80 COLOUR RENDERING
- <19 UNIFIED GLARE RATING
- IP54 PROTECTION








Article No.	Description	External dimensions	Mounting diameter	Colour temperature	Beam angle	Luminous flux	Feature
29001577	LEDON DL Xtreme 145 2000LM/60D/840 WH 230V	Ø 145x78 mm	Ø 125-135 mm	4,000 K	60°	2,000 lm	UGR<19
29001578	LEDON DL Xtreme 228 3300LM/60D/840 WH 230V	Ø 228x99 mm	Ø 200-210 mm			3,300 lm	UGR<22
Select the appropriate LED converter							
29001579	LED DRIVER 220-240V CC 450mA 27-44VDC	157x43x30 mm	for 450 mA	~	~	~	Switchable
29001581	LED DRIVER 220-240V CC 800mA 25-40VDC	157x43x30 mm	for 800 mA	~	~	~	Switchable
29002580	LED DRIVER 200-240V CC 450mA 6-42VDC DALI	160x82x34 mm	for 450 mA	~	~	~	DALI
29002582	LED DRIVER 200-240V CC 800mA 6-42VDC DALI	160x82x34 mm	for 800 mA	~	~	~	DALI
Other light colours and sizes are available on request.							
							
							

LEDON DOWNLIGHT SPOT

Thanks to its compact dimensions, this LED downlight spot can be installed quickly and easily as a recessed spot. Combined with the enclosed driver, it can be readily dimmed. It also scores high with top-quality light.



- L80 B10 25,000 HRS LIFETIME
- 5 YEAR GUARANTEE
- SUNSET DIMMING
- RA >90 COLOUR RENDERING
- DIMMING

Article No.	Description	Beam angle	Colour temperature	Luminous flux	Replace-ment	Dimensions	Feature
29001278	LEDON DL Spot 50 700LM/38D/927 SR DIM	38°	2,700 K	700 lm	54 W	60 mm, Ø 50 mm	Dimmable
29001279	LEDON DL Spot 50 700LM/60D/927 SR DIM	60°					
<div> Other light colours and sizes are available on request.</div> <div></div>							

LEDON DOWNLIGHT SPOT ACCESSORIES

A large selection of matching Downlight Spot mounting frames for a wide range of customer requirements and room applications.



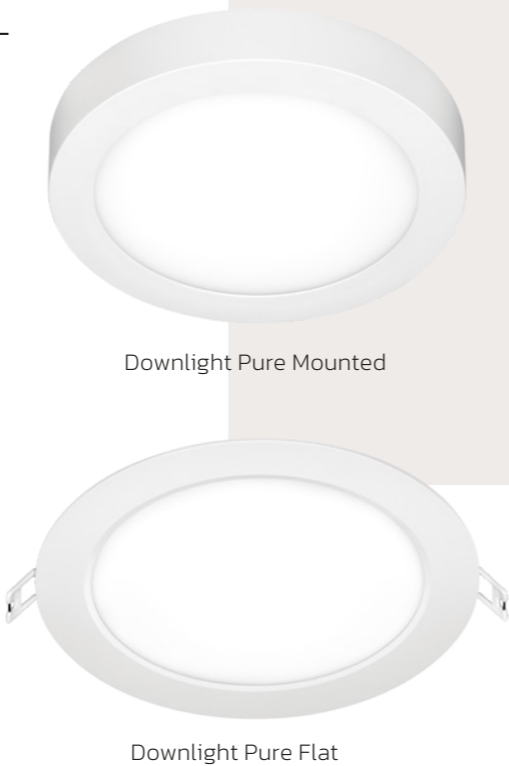
Article No.	Description	Mounting diameter	Version
28000524	LEDON Spot FRAME 90/BRUSHED-AL/SQ/S/CLICK-IN	Ø 68 mm	Brushed aluminium, square
28000525	LEDON Spot FRAME 90/BRUSHED-AL/RD/S/CLICK-IN		Brushed aluminium, round
28000526	LEDON Spot FRAME 90/9016-W/SQ/S/CLICK-IN		White matt (RAL 9016), square
28000527	LEDON Spot FRAME 90/9016-W/RD/S/CLICK-IN		White matt (RAL 9016), round
28000528	LEDON Spot FRAME 90/9022-S/SQ/S/CLICK-IN		Silver matt (RAL 9022), square
28000529	LEDON Spot FRAME 90/9022-S/RD/S/CLICK-IN		Silver matt (RAL 9022), round

LEDON DOWNLIGHT PURE

LEDON Pure downlights are characterised by their extremely flat design and homogeneous light distribution. There is a choice of different shapes, brightness levels, and two light colours.

The possible applications of the square and round recessed downlights range from hallway and corridor lighting in public or commercially used rooms to private living areas.

Available as a mounted version for use as a surface-mounted variant and as a flat version for ceiling installation.



L80 B10 50,000 HRS LIFETIME

5 YEAR GUARANTEE

DIMMING

FLICKER-FREE

RA >80 COLOUR RENDERING

IP44 PROTECTION

Article No.	Description	Dimensions	Mounting diameter	Colour temperature	Beam angle	Luminous flux	Feature
29001283	LEDON DL Pure 180 1300LM/110D/830 WH 350MA	Ø 180x24 mm	Ø 165–170 mm	3,000 K	110°	1,300 lm	~
29001284	LEDON DL Pure 180 1400LM/110D/840 WH 350MA			4,000 K		1,400 lm	
29001285	LEDON DL Pure 240 2200LM/110D/830 WH 700MA	Ø 240x24 mm	Ø 227–235 mm	3,000 K		2,200 lm	
29001286	LEDON DL Pure 240 2300LM/110D/840 WH 700MA			4,000 K		2,300 lm	
29001293	LEDON DL Pure M225 1900LM/110D/830 WH 700MA	Ø 225x35 mm	~	3,000 K		1,900 lm	
29001294	LEDON DL Pure M225 2000LM/110D/840 WH 700MA			4,000 K		2,000 lm	
29001297	LEDON DL Pure M225Q 1900LM/110D/830 WH 700MA	225x225x35 mm	~	3,000 K		1,900 lm	
29001298	LEDON DL Pure M225Q 2000LM/110D/840 WH 700MA			4,000 K		2,000 lm	

Select the appropriate LED converter							
29001332	LED DRIVER 220–240V CC 350mA 25–43VDC	100x43x22,5 mm	for 350 mA	~	~	~	Switchable Screw terminal
29001302	LED DRIVER 220–240V CC 700MA 25–50VDC	157x43x30 mm	for 700 mA	~	~	~	Switchable Plug-in terminal
29001327	LED DRIVER 220–240V CC 700MA 2–44VDC	146.5x43.5x22 mm	for 700 mA	~	~	~	Switchable for surface ~mounted version
29001357	LED DRIVER 220–240V CC 350mA 2–49VDC DALI	108x52x22 mm	for 350 mA	~	~	~	Dimmable DALI
29002358	LED DRIVER 200–240V CC 700mA 6–42VDC DALI		for 700 mA	~	~	~	
29001355	LED DRIVER 220–240V CC 350mA 15–50VDC 1–10V&PUSH		for 350 mA	~	~	~	Dimmable 1–10V, Push-Dim
29001356	LED DRIVER 220–240V CC 700mA 3–29VDC 1–10V&PUSH		for 700 mA	~	~	~	

RoHS

LEDON DOWNLIGHT LINE

The LEDON Downlight Line range of square/linear shaped downlights offers plenty of design and glare-free light that can be used in a wide variety of ways. Subordinate to the architecture or as an accent for lighting effects – the many variants leave nothing to be desired. Thanks to outstanding glare control, this downlight series is suitable for any application.

L80 B10 50,000 HRS LIFETIME

5 YEAR GUARANTEE

DIMMING

FLICKER-FREE

RA >90 COLOUR RENDERING

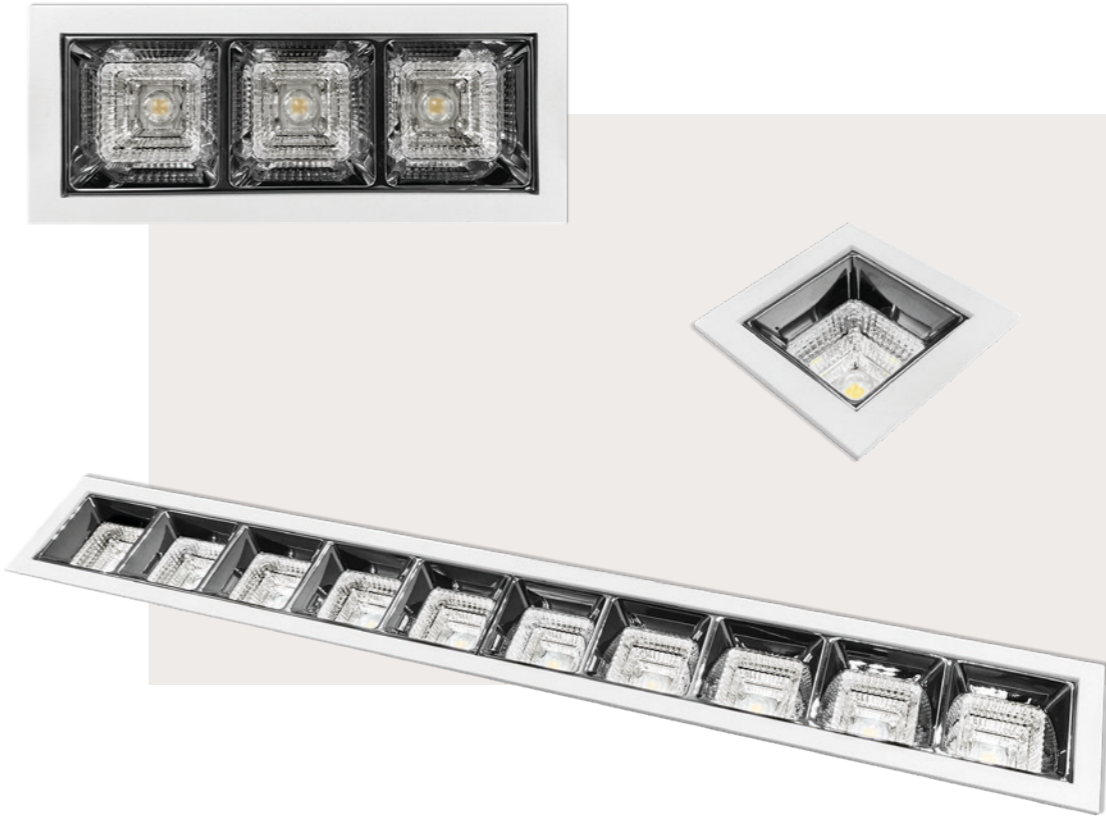
<19 UNIFIED GLARE RATING

IP20 PROTECTION

Article No.	Description	Dimensions	Mounting diameter	Colour temperature	Beam angle	Luminous flux	Feature
29001720	LEDON DL Line 1x1 500lm/70D/940 230V WH	54x54x48 mm	50x48 mm	4,000 K	70°	500 lm	Switchable
29001721	LEDON DL Line 1x1 500lm/70D/940 DALI WH	54x54x48 mm	50x48 mm				DALI
29001722	LEDON DL Line 1x3 1500lm/70D/940 230V WH	130x54x48 mm	126x48 mm			1,500 lm	Switchable
29001723	LEDON DL Line 1x3 1500lm/70D/940 DALI WH	130x54x48 mm	126x48 mm				DALI
29001726	LEDON DL Line 1x10 3000lm/70D/940 230V WH	395x54x48 mm	391x48 mm			3,000 lm	Switchable
29001727	LEDON DL Line 1x10 3000lm/70D/940 DALI WH	395x54x48 mm	391x48 mm				DALI

LM80

RoHS





CEILING AND WALL LUMINAIRES

LEADING THE WAY

The LEDON ceiling and wall lights are highly durable and robust lighting solutions that are ideal for illuminating stairwells and corridors. Their completely flicker-free light ensures a high level of lighting comfort. Depending on the application, the lamps are available in different versions and with specific functions such as models with an emergency power function or with DALI. Motion detectors integrated into the lamp also save energy and additional installation costs.

LEDON CEILING AND WALL LIGHTS TREND

Modern surface lights with a wide range of applications for prestigious environments. Available in diameters of 400, 600, 800, and 1,000 mm, as a wall-ceiling surface-mounted version with a direct-indirect light component, or as a suspended direct-indirect version, optionally with wire cable or pendant tube suspension. Our Trends ceiling and wall lamps are ideal for use in office environments, reception areas, and corridors.



- L70 B10 50,000 HRS LIFETIME
- 5 YEAR GUARANTEE
- DIMMING
- COLOUR CHANGE
- FLICKER-FREE
- RA >80 COLOUR RENDERING
- IP44 PROTECTION
- DIRECT INDIRECT LIGHTING

Article No.	Description	External dimensions	Colour temperature	Beam angle	Luminous flux	Feature
29001606	LEDON CWL Trend 400 4100LM/120D-I/830+840 BK	Ø 400x86 mm	3,000 K – 4,000 K	120°	4,100 lm	Switchable
29001607	LEDON CWL Trend 400 4100LM/120D-I/830+840 DALI BK	Ø 400x86 mm	3,000 K – 4,000 K		4,100 lm	DALI
29001608	LEDON CWL Trend 600 6300LM/120D-I/830+840 BK	Ø 600x86 mm	3,000 K – 4,000 K		6,300 lm	Switchable
29001609	LEDON CWL Trend 600 6300LM/120D-I/830+840 DALI BK	Ø 600x86 mm	3,000 K – 4,000 K		6,300 lm	DALI
29001610	LEDON CWL Trend 800 7800LM/120D-I/830+840 BK	Ø 800x86 mm	3,000 K – 4,000 K		7,800 lm	Switchable
29001611	LEDON CWL Trend 800 7800LM/120D-I/830+840 DALI BK	Ø 800x86 mm	3,000 K – 4,000 K		7,800 lm	DALI
29001612	LEDON CWL Trend 1000 10500LM/120D-I/830+840 BK	Ø 1,000x86 mm	3,000 K – 4,000 K		10,500 lm	Switchable
29001613	LEDON CWL Trend 1000 10500LM/120D-I/830+840 DALI BK	Ø 1,000x86 mm	3,000 K – 4,000 K		10,500 lm	DALI
Select the appropriate accessories						
29001614	LEDON CWL Trend 400 SUSPENSION KIT 3xIM BK	~	~	Wire suspension for diameters of 400 mm		
29001615	LEDON CWL Trend SUSPENSION KIT 3xIM BK	~	~	Wire suspension for diameters of 600, 800, & 1,000 mm		
29001619	LEDON CWL Trend SUSPENSION ROD 0.5M BK	~	~	Pendulum tube suspension		

Other light colours and sizes are available on request.

LEDON CEILING AND WALL LIGHTS PURE

The multi-talent of the series can be freely combined with numerous options; it is also practical and adaptable, allowing flexible selection of the light colour directly on the lamp.

- L70 B10 50,000 HRS LIFETIME
- 5 YEAR GUARANTEE
- COLOUR CHANGE
- IP54 PROTECTION
- FLICKER-FREE
- RA >80 COLOUR RENDERING
- IK08 SHOCK RESISTANCE
- MOTION SENSOR

Article No.	Description	External dimensions	Colour temperature	Beam angle	Luminous flux	Feature
29001371	LEDON CWL Pure 300 1900LM/120D/830+840+857a 230V	Ø 300x58mm	3,000 K	120°	1,900 lm	Colour Change
29001372	LEDON CWL Pure 300 1900LM/120D/830+840+857 230V M5		4,000 K 5,700 K			Motion detector Colour change

LEDON CEILING AND WALL LIGHTS COMFORT

LEDON Comfort ceiling and wall lamps are real eye-catchers with their elegant metal frames and leave nothing to be desired in terms of the choice of different functions. They are also available with an integrated motion detector as a version suitable for emergency power supply (including a monitoring module) or with DALI. The bright 4,000 lumen light has an indirect component so that when switched on it appears to float freely in front of a ceiling or wall.

- L80 B10 50,000 HRS LIFETIME
- 5 YEAR GUARANTEE
- DIMMING
- MOTION SENSOR
- EMERGENCY
- FLICKER-FREE
- RA >80 COLOUR RENDERING
- <25 UNIFIED GLARE RATING
- DIRECT INDIRECT LIGHTING

Article No.	Description	External dimensions	Colour temperature	Beam angle	Luminous flux	Feature
29001383	LEDON CWL Comfort 500 4000LM/D-I/840 230V	Ø 500x92 mm	4,000 K	110°, indirect	4,000 lm	~
29001386	LEDON CWL Comfort 500 4000LM/D-I/840 230V M5					Motion detector
29001315	LEDON CWL Comfort 500 4000LM/D-I/840 230V AC/DC					Emergency power with central battery
29001387	LEDON CWL Comfort 500 4000LM/D-I/840 230V AC/DC M5	500x500x94 mm				Emergency power with central battery, motion detector
29001535	LEDON DW Comfort 500x500 4000LM/D-I/840 230V					~

All versions are also available with monitoring module as well as single battery and as DALI version. Other light colours and sizes are available on request.



HIGH-BAYS

HIGHLIGHT

In the area of industrial and hall lighting, properties such as efficiency, durability, and perfect illumination are important.

High-Bays are available in numerous versions for the highest possible degree of flexibility in combining beam angles, power classes, and brightness control (DALI). All High Bays also feature high impact resistance (IK08) and protection class (IP65).

LEDON HIGH-BAY COMFORT

The concise and flat design with the large light emission surface and the integrated driver allows use in various situations. With a glare value of UGR<22, it is also suitable for environments for special visual tasks. High-Bay Comfort lamps are certified ball-proof by means of a four-point chain suspension and are therefore ideal for use in sports and multi-purpose halls.



- L80 B10 50,000 HRS LIFETIME
- 5 YEAR GUARANTEE
- IP65 PROTECTION
- DIMMING
- BALL-IMPACT PROOF
- FLICKER-FREE
- RA >80 COLOUR RENDERING
- IK08 SHOCK RESISTANCE
- <22 UNIFIED GLARE RATING
- DALI

Article No.	Description	Dimensions	Unifed glare rating (UGR)	Colour temperature	Beam angle	Luminous flux	Feature
29001562	LEDON HB Comfort 425x320 80W/75D/840 230V WH	425x320x108 mm	< 22	4,000 K	75°	13,200 lm	Switchable
29001563	LEDON HB Comfort 425x320 80W/75D/840 230V DALI WH						DALI
29001564	LEDON HB Comfort 425x320 125W/75D/840 230V WH					20,600 lm	Switchable
29001565	LEDON HB Comfort 425x320 125W/75D/840 230V DALI WH						DALI
29001570	LEDON HB Comfort 425x320 145W/75D/840 230V WH					24,000 lm	Switchable
29001571	LEDON HB Comfort 425x320 145W/75D/840 230V DALI WH						DALI
29001566	LEDON HB Comfort 425x320 200W/75D/840 230V WH	425x320x108 mm	< 25	4,000 K	75°	32,000 lm	Switchable
29001567	LEDON HB Comfort 425x320 200W/75D/840 230V DALI WH						DALI

Select the appropriate accessories

29001568	LEDON HB Comfort 425x320 MOUNTING BRACKET WH	280x180x45 mm	~	~	~	~	~
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Two-point rope suspension is included in the delivery. High Bays are supplied with a pre-installed 3 m connection cable.

Further variants are available on request



LEDON HIGH-BAY PURE

Available in various power classes and with different beam angles and functions.



- L80 B10 80,000 HRS LIFETIME
- 5 YEAR GUARANTEE
- DALI
- IP65 PROTECTION
- IK08 SHOCK RESISTANCE
- FLICKER-FREE

Article No.	Description	Dimensions	Colour temperature	Beam angle	Power	Luminous flux	Feature
29002513	LEDON HB Pure 250 100W/60D/740 230V BK	250 x 178 mm	4,000 K	60°	100 W	15,000 lm	Switchable
29002514	LEDON HB Pure 250 100W/90D/740 230V BK			90°			
29002515	LEDON HB Pure 250 100W/110D/740 230V BK			110°			
29002516	LEDON HB Pure 250 100W/60D/740 230V DALI BK			60°			DALI
29002517	LEDON HB Pure 250 100W/90D/740 230V DALI BK			90°			
29002518	LEDON HB Pure 250 100W/110D/740 230V DALI BK			110°			
29002519	LEDON HB Pure 300 150W/60D/740 230V BK	300 x 182 mm		60°	150 W	22,500 lm	Switchable
29002520	LEDON HB Pure 300 150W/90D/740 230V BK			90°			
29002521	LEDON HB Pure 300 150W/110D/740 230V BK			110°			
29002522	LEDON HB Pure 300 150W/60D/740 230V DALI BK			60°			DALI
29002523	LEDON HB Pure 300 150W/90D/740 230V DALI BK			90°			
29002524	LEDON HB Pure 300 150W/110D/740 230V DALI BK			110°			
29002525	LEDON HB Pure 350 200W/60D/740 230V BK	350 x 184 mm		60°	200 W	30,000 lm	Switchable
29002526	LEDON HB Pure 350 200W/90D/740 230V BK			90°			
29002527	LEDON HB Pure 350 200W/110D/740 230V BK			110°			
29002528	LEDON HB Pure 350 200W/60D/740 230V DALI BK			60°			DALI
29002529	LEDON HB Pure 350 200W/90D/740 230V DALI BK			90°			
29002530	LEDON HB Pure 350 200W/110D/740 230V DALI BK			110°			

Select the appropriate accessories

29001632	LEDON HB 250 MOUNTING BRACKET BK	for 300 mm	~	~	~	~	~
29001633	LEDON HB 300/350MOUNTING BRACKET BK	for 350mm	~	~	~	~	~





MOISTURE-PROOF LUMINAIRE

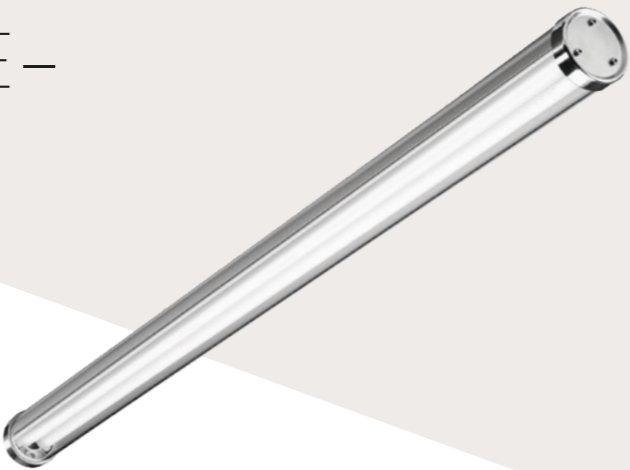
RELIABLE

When lighting production facilities, warehouses, parking garages, or basements with LEDON moisture-proof lamps, it's the inner values that count.

Properties such as efficiency, durability, and insensitivity to external influences are crucial. Without exception, our range includes extremely robust and reliable lamps, which score high with different strengths. Be it with an above-average protection class of shock resistance or the special suitability for use in operating areas prone to fires.

LEDON MOISTURE-PROOF XTREME+

This lamp was specially developed for particularly challenging applications. The IP69K protection class guarantees the highest possible protection against the penetration of dust and water – even during high-pressure or steam jet cleaning.



- L80 B10 50,000 HRS LIFETIME
- 5 YEAR GUARANTEE
- IP69K PROTECTION
- FLICKER-FREE
- FIRE SAFETY
- RA >80 COLOUR RENDERING
- IK08 SHOCK RESISTANCE

Article No.	Description	Dimension	Colour temperature	Power	Beam angle	Luminous flux	Shock resistance	Feature
29002390	LEDON MPR Xtreme+ 1500 60W/120D/840 230V PMMA	1,500x81x81 mm	4,000 K	60 W	120°	9,000 lm	IK08	Switchable

Further variants are available on request

RoHS COMPLIANT 2002/95/EC

CE

LEDON MOISTURE-PROOF XTREME EX

This EX lamp is resistant and particularly suitable for a flammable and explosive atmosphere.



- L80 B10 50,000 HRS LIFETIME
- 5 YEAR GUARANTEE
- IP66 PROTECTION
- FLICKER-FREE
- FIRE SAFETY
- RA >80 COLOUR RENDERING
- EX EXPLOSION PROTECTION

Article No.	Description	Dimension	Colour temperature	Power	Beam angle	Luminous flux	Shock resistance	Feature
29001616	LEDON MPR Xtreme-EX 1200 4800LM/840/140D	1,335x70x63 mm	4,000 K	40 W	140°	4,800 lm	IK10	Switchable

Further variants are available on request

RoHS COMPLIANT 2002/95/EC

CE

LEDON MOISTURE-PROOF TREND+

This particularly slim and compact LED lamp with IP65 offers first-class quality and various installation options. An intelligent twist lock allows particularly easy assembly and the tool-free connection of cables. Furthermore, the innovative lighting solution scores high with the best light quality over the entire light emission surface.



- L80 B10 50,000 HRS LIFETIME
- 5 YEAR GUARANTEE
- IP65 PROTECTION
- FIRE SAFETY
- RA >80 COLOUR RENDERING
- IK08 SHOCK RESISTANCE

Article No.	Description	Dimension	Colour temperature	Power	Beam angle	Luminous flux	Feature
29001901	LEDON MPR Trend+ 1221 40W/120D/840 230V TW	1,221x74x64 mm	4000 K	20-40 W	90°	5,600 lm	Switchable, wired through
29001902	LEDON MPR Trend+ 1502 60W/120D/840 230V TW	1,502x74x64 mm		30-60 W		8,400 lm	

Other light colours and sizes are available on request.

RoHS COMPLIANT 2002/95/EC

CE

LEDON MOISTURE-PROOF PURE

When it comes to lighting garages, production facilities, or basements, aspects such as efficiency, durability, and robustness are important. LEDON LED moisture-proof lamps have a wide range of installation options and are quite functional.



- L70 B10 50,000 HRS LIFETIME
- 5 YEAR GUARANTEE
- IP65 / IP66 PROTECTION
- FIRE SAFETY
- RA >80 COLOUR RENDERING
- IK08 SHOCK RESISTANCE
- DALI

Article No.	Description	Dimension	Colour temperature	Power	Beam angle	Luminous flux	Feature
29001663	LEDON MPR Pure 1185 39W/840 WH 230V	1,185x85x86 mm	4,000 K	39 W	120°	4,900 lm	Switchable, terminal for through-wiring
29001664	LEDON MPR Pure 1477 51W/840 WH 230V	1,477x85x86 mm		51 W		6,800 lm	

Other light colours and sizes are available on request.
Further variants are available on request

RoHS COMPLIANT 2002/95/EC

CE

LED LAMPS

THE BEST LIGHT

Our classic retrofit solutions for general lighting: LED lamps and spots with outstanding light quality. With their exceptionally high colour rendering and flicker-free light, they are among the best available on the market. They can be found in the demanding hospitality sector and are appreciated by manufacturers of exclusive lamps.



FEEL GOOD
ALL ROUND

The classic solutions for general lighting. LED lamps from BILTON LEDON Technology clearly set themselves apart from conventional light sources. They are unique in terms of both energy consumption and wear. Dimmable versions can be excellently combined with commercially available LED leading-edge dimmers.



LED LAMP A65

LED LAMP A60



LED-SPOT MR16

SKILFULLY BRING OUT THE MAIN POINTS

A lot of light from a compact design. Our LED spots are true efficiency wonders and the ideal replacement for their halogen predecessors. They score high not only with their attractive white design and the CoB module with reflector optics but also with an excellent colour rendering value.

SUNSET DIMMING

RA >90 COLOUR RENDERING

RA >90 COLOUR RENDERING

COLOUR CHANGE

DOUBLE CLICK

Article No.	Description	Receiver replacement**	Form	Beam angle	Colour temperature	Colour rendering	Luminous flux	Replacement***	Feature
29100001	LEDON LAMP A60 6W/M/927 E27 230V	48W	A60	250°	2,700 K	90	470 lm	40 W	~
29001025	LEDON LAMP A60 8.5W/M/927 E27 230V D-CL	60W	A60	270°	2,700 K	90	600 lm	48 W	Double click
29100002	LEDON LAMP A60 9.5W/M/927 E27 230V	75W	A60	250°	2,700 K	90	800 lm	60 W	~
29100003	LEDON LAMP A60 10W/M/927 E27 230V DIM								Dimmable
29001029	LEDON LAMP A66 10W/M/827+840 E27 230V DIM					80			Dual Colour (dimmable)
29100004	LEDON LAMP A65 12W/M/927 E27 230V	100W	A65 A66	240° 270°	2,700 K	90	1,050 lm	75 W	~
29100005	LEDON LAMP A65 13.5W/M/927 E27 230V DIM								Dimmable
29001032	LEDON LAMP A66 12.5W/M/927 E27 230V D-CL								Double click

LED lamps contain valuable metals that can be recycled. Please do not dispose of them with household waste. Instead, hand them in at suitable collection points for electronic waste.



* Max. comparable output of conventional incandescent or halogen lamps; comparative values depend on the type of incandescent lamp actually replaced or the type of application.
** Replacement in accordance with EU-VO 244/2009 & 1194/2012

Article No.	Description	Receiver replacement**	Beam angle	Colour temperature	Luminous flux	Replacement**	Feature
29100007	LEDON LAMP MR16 4W/35D/927 GU10 230V	35W	35°	2,700 K	230 lm	35 W	~
29100009	LEDON LAMP MR16 5W/35D/927 GU10 230V	50W	35°	2,700 K	345 lm	50 W	~
29100010	LEDON LAMP MR16 6W/35D/927 GU10 230V DIM						Dimmable
29100011	LEDON LAMP MR16 5W/60D/927 GU10 230V		60°	2,800-1,900 K	345 lm	50 W	~
29100012	LEDON LAMP MR16 6W/60D/927 GU10 230V DIM						Dimmable
29100017	LEDON LAMP MR16 7W/60D/928 GU10 230V SUNSET	75W	35° 60°	2,700 K	520 lm	73 W	Sunset Dimming
29100013	LEDON LAMP MR16 7W/35D/927 GU10 230V						~
29100014	LEDON LAMP MR16 8W/35D/927 GU10 230V DIM						Dimmable
29100015	LEDON LAMP MR16 7W/60D/927 GU10 230V						~
29100016	LEDON LAMP MR16 8W/60D/927 GU10 230V DIM						Dimmable



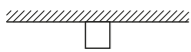



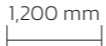
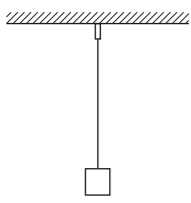

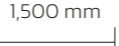



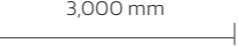
* Max. comparable output of conventional incandescent or halogen lamps; comparative values depend on the type of incandescent lamp actually replaced or the type of application.
** Replacement in accordance with EU-VO 244/2009 & 1194/2012






LINEAR

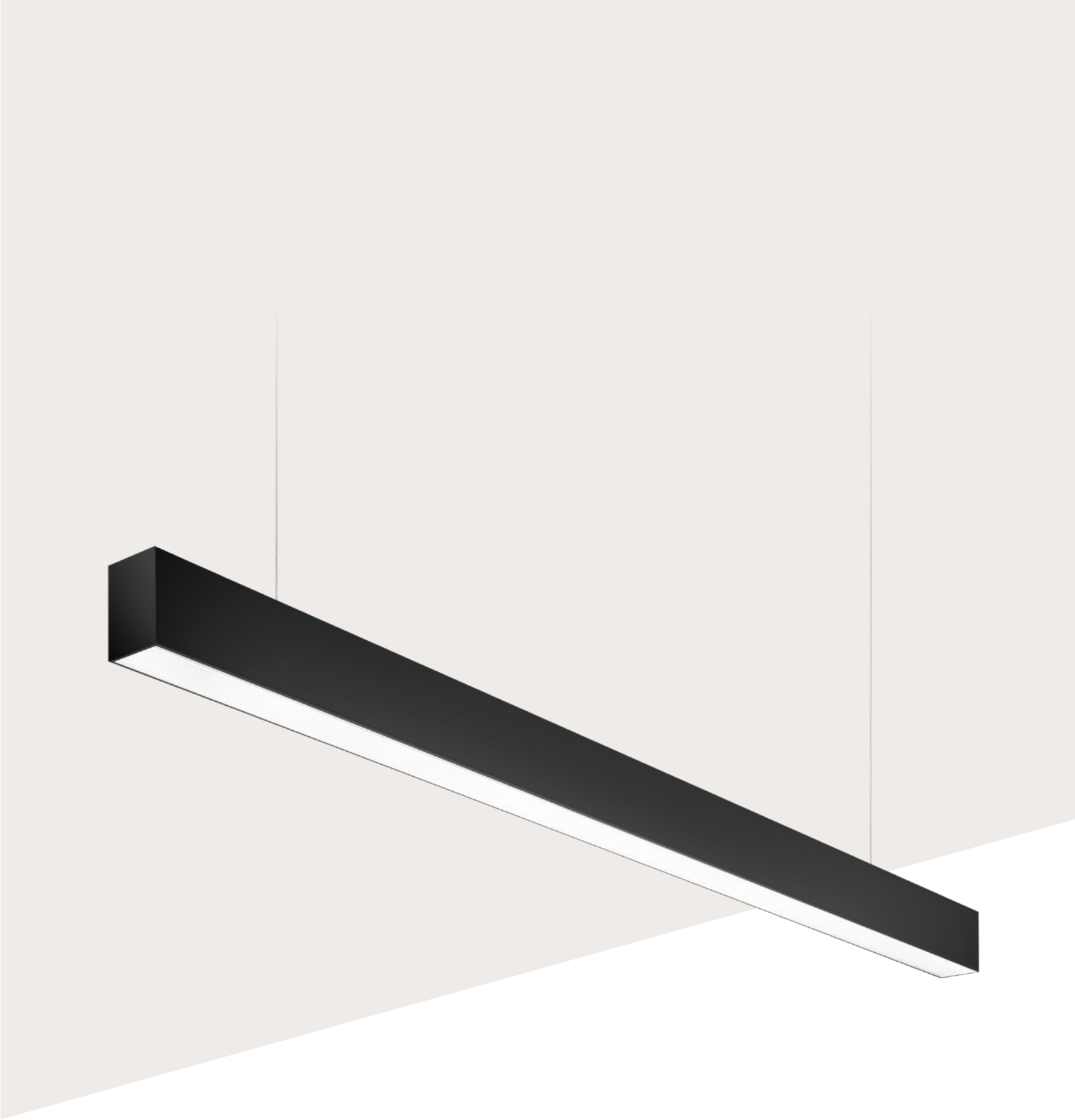
LIGHT

BILTON LINEAR COMFORT – LIGHT MADE TO MEASURE

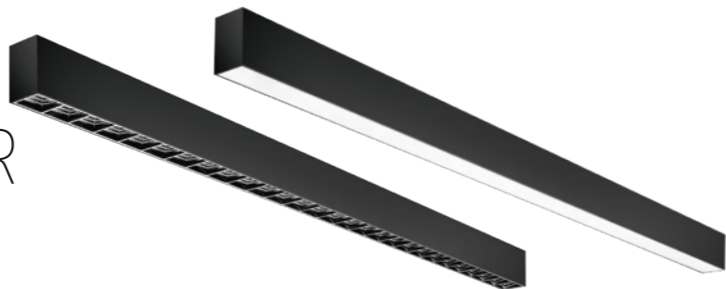
The elegant linear lamp transforms light into an architectural interior design tool. From the extensive Linear Comfort range, we design an individual lighting solution that puts your surroundings in the right light and creates the perfect atmosphere.

Installation	Control	Configuration	Length
	 ON / OFF  DIMMING	Single luminaire 	1,200 mm 
		Light line 	1,500 mm 
		 	3,000 mm 

Luminous flux	Optics and beam angle	Colour temperature	Housing colour
3,200 lm optional indirect 2,400 lm + 1,600 lm for 1,200 mm	Darklight optics 65° (UGR<16) optionally indirect (UGR<13)	 3,000 K	 White RAL9016
4,000 lm optional indirect 3,000 lm + 2,000 lm with 1,500 mm	Microprismatic optics 80° (UGR<22) optionally indirect (UGR<19)	 4,000 K	 Black RAL9005
8,000 lm optional indirect 6,000 lm + 4,000 lm with 3,000 mm	Opal optics 100° (UGR<28) optionally indirect (UGR<25)	 3,000 K-6,500 K	



BILTON LINEAR COMFORT



The high-quality lighting solution represents an architectural design element both as a single lamp and as a continuous light line.

L80 B10 80,000 HRS LIFETIME

5 YEAR GUARANTEE

FLICKER-FREE

DIMMING

DIRECT INDIRECT LIGHTING

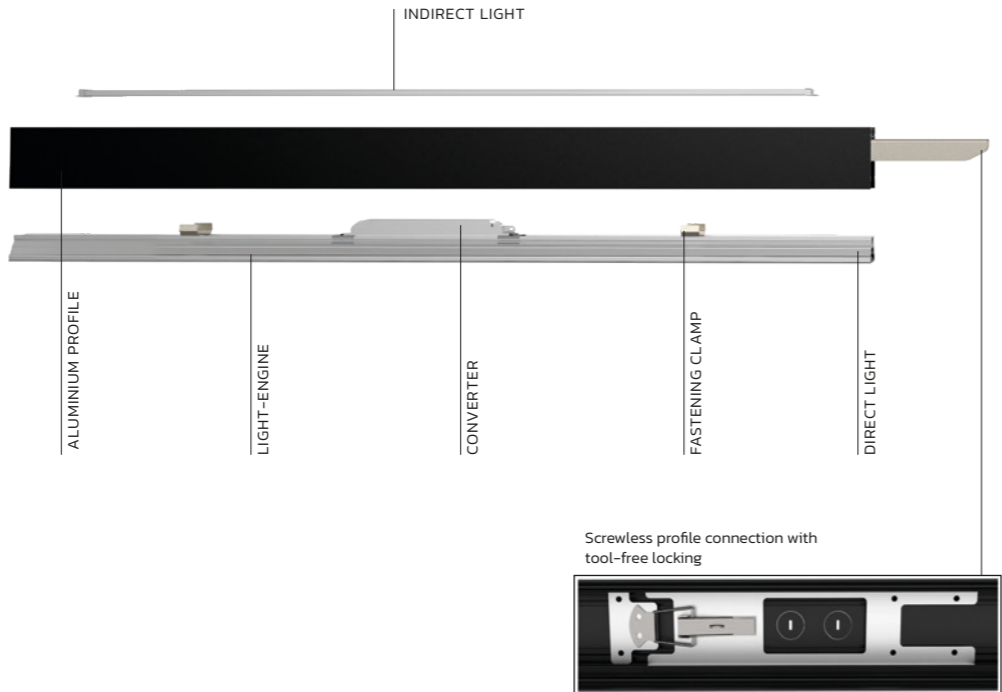
ADAPTIVE WHITE 3,000 – 6,500 K

RA >90 COLOUR RENDERING

Article No.	Description	Dimension	Unifed glare rate (UGR)	Colour temperature	Beam angle	Luminous flux	Optics	Version
29002119	BILTON LINEAR Comfort-P 1500 5000lm/65D-I/840 DALI BK	1,500 x 65 x 85 mm	< 13	4,000 K	65°, indirect	5,000 lm	Darklight	Suspen-ded
29002125	BILTON LINEAR Comfort-S 1500 4000lm/65D/840 DALI BK		< 16		65°	4,000 lm	Darklight	Surface-mounted
29002131	BILTON LINEAR Comfort-R 1500 4000lm/65D/840 DALI WH		< 16		65°	4,000 lm	Darklight	Installation
29002121	BILTON LINEAR Comfort-P 1500 5000lm/80D-I/840 DALI BK		< 19		80°, indirect	5,000 lm	Microprismatic	Suspen-ded
29002127	BILTON LINEAR Comfort-S 1500 4000lm/80D/840 DALI BK		< 22		80°	4,000 lm	Microprismatic	Surface-mounted
29002133	BILTON LINEAR Comfort-R 1500 4000lm/80D/840 DALI WH		< 22		80°	4,000 lm	Microprismatic	Installation
29002123	BILTON LINEAR Comfort-P 1500 5000lm/100D-I/840 DALI BK		< 22		100°, indirect	5,000 lm	Opal	Suspen-ded
29002129	BILTON LINEAR Comfort-S 1500 4000lm/100D/840 DALI BK		< 25		100°	4,000 lm	Opal	Surface-mounted
29002135	BILTON LINEAR Comfort-R 1500 4000lm/100D/840 DALI WH		< 25		100°	4,000 lm	Opal	Installation

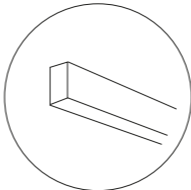
Other light colours and sizes are available on request. All versions include the necessary mounting accessories.

RoHS



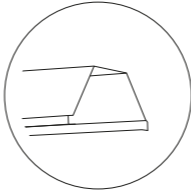
BILTON LINEAR COMFORT SOLUTIONS

Our customised lighting solutions bring light to all corners. The light lines can be continued for any length – even around corners – and adapted to your specific room’s architecture. Also available with an integrated motion detector or dimming button directly on the lamp. Adaptive White solutions in all versions ensure the right lighting mood in every environment and situation.



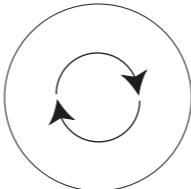
ELEGANT MODULAR DESIGN

The timeless, purist design and a wide range of lengths, optics, and mounting options allow the creation of a wide variety of elegant light lines. Whether as surface-mounted, recessed, or pendant lamp, BILTON LINEAR Comfort offers the right solution for every situation and every taste.



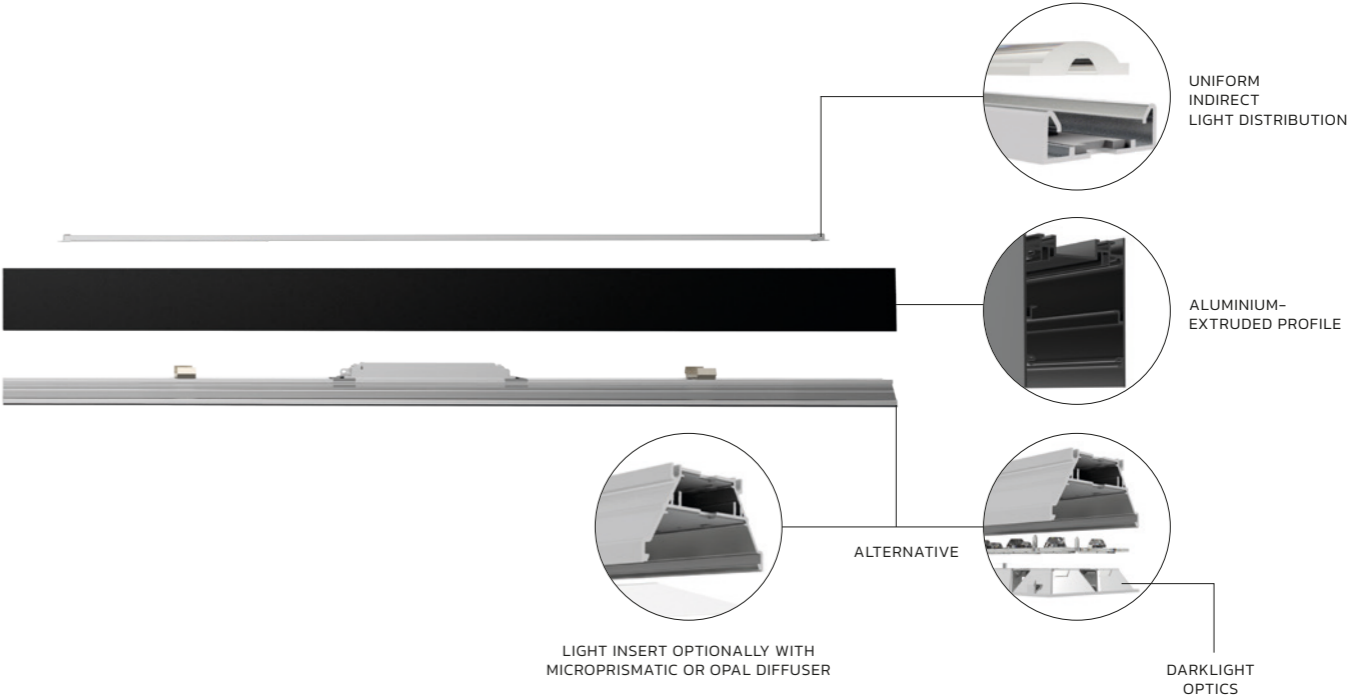
QUICK ASSEMBLY

The screwless profile connection with tool-free locking and the converter integrated in the separate Light Engine make mounting easy.



SIMPLE MAINTENANCE

The Light Engine is simply inserted into the profile and locked into place – a clever solution for quick installation and maintenance over the long service life. Finally, the covers can be fixed to the aluminium profile without tools, removed for maintenance, or moved. A clear added value in handling.



BILTON LINEAR TREND



Combines contemporary minimalist design with high efficiency. Brings out the main features in offices and prestigious spaces.

L80 B10 50,000 HRS LIFETIME

5 YEAR GUARANTEE

FLICKER-FREE

DIRECT INDIRECT LIGHTING

RA >80 COLOUR RENDERING

Article No.	Description	Dimension	Unified glare rate (UGR)	Colour temperature	Beam angle	Optic	Luminous flux	Version	Installation		
29001801	BILTON Linear Trend-P 1167 3000LM/90D-I/840 BK	1,167x46x61 mm	< 19	4,000 K	90°, indirect	Lense-Reflector optics	3,000 lm	Switchable	Suspended		
29001802	BILTON Linear Trend-P 1167 3000LM/90D-I/840 DALI BK						3,000 lm	DALI			
29001803	BILTON Linear Trend-P 1167 5000LM/90D-I/840 BK						5,000 lm	Switchable			
29001804	BILTON Linear Trend-P 1167 5000LM/90D-I/840 DALI BK						5,000 lm	DALI			
29001805	BILTON Linear Trend-S 1167 3000LM/90D/840 BK		< 22		90°		3,000 lm	Switchable	DALI	Surface-mounted	
29001806	BILTON Linear Trend-S 1167 3000LM/90D/840 DALI BK										
29001807	BILTON Linear Trend-S 1167 5000LM/90D/840 BK										
29001808	BILTON Linear Trend-S 1167 5000LM/90D/840 DALI BK										
29001809	BILTON Linear Trend-P 1167 3000LM/110D-I/840 BK		< 25		110°, indirect	3,000 lm	Switchable	DALI	Suspended		
29001810	BILTON Linear Trend-P 1167 3000LM/110D-I/840 DALI BK										
29001811	BILTON Linear Trend-P 1167 5000LM/110D-I/840 BK										
29001812	BILTON Linear Trend-P 1167 5000LM/110D-I/840 DALI BK										
29001813	BILTON Linear Trend-S 1167 3000LM/110D/840 BK		< 28		110°	3,000 lm	Switchable	DALI	Surface-mounted		
29001814	BILTON Linear Trend-S 1167 3000LM/110D/840 DALI BK										
29001815	BILTON Linear Trend-S 1167 5000LM/110D/840 BK										
29001816	BILTON Linear Trend-S 1167 5000LM/110D/840 DALI BK										
29001817	BILTON Linear Trend-P 2330 5000LM/90D-I/840 BK	2,330x46x61 mm	< 19		90°, indirect	Lense-Reflector optics	5,000 lm	Switchable	Suspended		
29001818	BILTON Linear Trend-P 2330 5000LM/90D-I/840 DALI BK						5,000 lm	DALI			
29001819	BILTON Linear Trend-P 2330 10000LM/90D-I/840 BK						10,000 lm	Switchable			
29001820	BILTON Linear Trend-P 2330 10000LM/90D-I/840 DALI BK						10,000 lm	DALI			
29001821	BILTON Linear Trend-S 2330 5000LM/90D/840 BK		< 22				90°	5,000 lm	Switchable	DALI	Surface-mounted
29001822	BILTON Linear Trend-S 2330 5000LM/90D/840 DALI BK										
29001823	BILTON Linear Trend-S 2330 10000LM/90D/840 BK										
29001824	BILTON Linear Trend-S 2330 10000LM/90D/840 DALI BK										
29001825	BILTON Linear Trend-P 2330 5000LM/110D-I/840 BK		< 25		110°, indirect	5,000 lm	Switchable	DALI	Suspended		
29001826	BILTON Linear Trend-P 2330 5000LM/110D-I/840 DALI BK										
29001827	BILTON Linear Trend-P 2330 10000LM/110D-I/840 BK										
29001828	BILTON Linear Trend-P 2330 10000LM/110D-I/840 DALI BK										
29001829	BILTON Linear Trend-S 2330 5000LM/110D/840 BK		< 28		110°	5,000 lm	Switchable	DALI	Surface-mounted		
29001830	BILTON Linear Trend-S 2330 5000LM/110D/840 DALI BK										
29001831	BILTON Linear Trend-S 2330 10000LM/110D/840 BK										
29001832	BILTON Linear Trend-S 2330 10000LM/110D/840 DALI BK										

Other light colours and sizes are available on request.

RoHS COMPLIANT PRODUCT



LED-LINEAR LIGHT: BILTON LINEAR TREND



BILTON LINEAR LED STRIP LUMINAIRE

Innovative plug-in system with specially developed lense technology for glare-free light in industrial environments.

- L80 B10 50,000 HRS LIFETIME
- 5 YEAR GUARANTEE
- FLICKER-FREE
- RA >80 COLOUR RENDERING
- <19 UNIFIED GLARE RATING
- IP20 PROTECTION

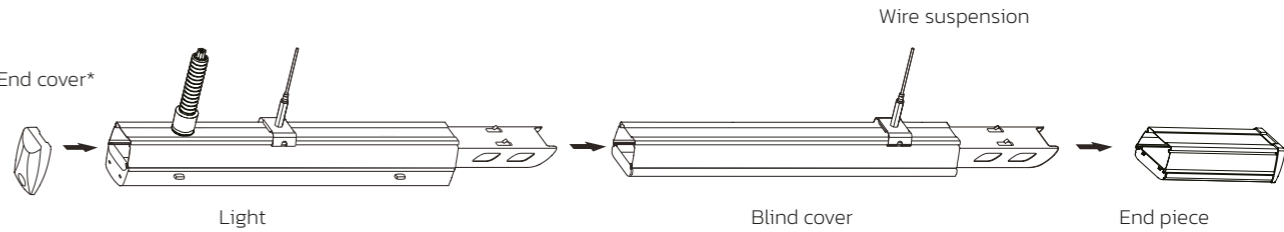
Article No.	Description	Dimension	Colour temperature	Power	Beam angle	Unifed glare rating (UGR)	Luminous flux	Version
29001400	BILTON Linear Pure 1500 5PH 50W/60D/840 230V WH	1,500x70x76 mm	4,000 K	50 W	60°	<19	7,000 lm	5 Phases
29001401	BILTON Linear Pure 1500 5PH 50W/90D/840 230V WH				90°	~	7,500 lm	
29001402	BILTON Linear Pure 1500 5PH 70W/60D/840 230V WH			70 W	60°	<19	10,000 lm	
29001403	BILTON Linear Pure 1500 5PH 70W/90D/840 230V WH				90°	~	10,500 lm	
29001404	BILTON Linear Pure 3000 5PH 100W/60D/840 230V WH	3,000x70x76 mm		100 W	60°	<19	14,000 lm	
29001405	BILTON Linear Pure 3000 5PH 100W/90D/840 230V WH				90°	~	15,000 lm	
29001406	BILTON Linear Pure 3000 5PH 140W/60D/840 230V WH			140 W	60°	<19	20,000 lm	
29001407	BILTON Linear Pure 3000 5PH 140W/90D/840 230V WH				90°	~	21,000 lm	

Select the appropriate accessories								
29001408	BILTON Linear Pure 1500 5PH BLANK COVER WH	1,500x70x54 mm	~	~	~	~	~	5 Phases
29001409	BILTON Linear Pure 3000 5PH BLANK COVER WH	3,000x70x54 mm	~	~	~	~	~	
29001450	BILTON Linear Pure 5PH TERMINAL SET WH	~	~	~	~	~	~	
29001453	BILTON Linear Pure SUSPENSION KIT 1x3M	~	~	~	~	~	~	~
29001454	BILTON Linear Pure MOUNTING CLIP	~	~	~	~	~	~	~

8-phase versions (not dimmable, DALI) on request. Other beam angles and special solutions on request.
Other light colours and sizes are available on request.



QUICK ASSEMBLY



* End piece is supplied incl. end cover.



LED MODULES

LIGHT LINES

We produce our LED modules on our in-house reel-to-reel production line. The range differs from other manufacturers not only by fair product prices but above all by superior product performance, almost unlimited possibilities for configuring the LED strip lights, and novel, effective applications in lighting.

LED MODULES

DEVELOPED, PRODUCED, AND TESTED

The application possibilities for linear LED solutions are becoming increasingly versatile. We do not supply off-the-shelf products but rather tailor them individually to the market and customer needs. This is how the company has made a name for itself – in LED lighting management as well as in linear LED lighting. Thanks to the unique reel-to-reel manufacturing process, we are able to produce high-quality “Made in Austria” LED modules at our headquarters in Saalfelden.

SUPERIOR

The Superior LED modules are high-end products and convince with remarkable advantages. The Superior series is controlled with IC regulation, which enables long module lengths without a drop in luminous flux. In addition, the components of the light strip are protected from overheating by the integrated temperature monitoring.

PREMIUM

The Premium LED modules score high with transistor control and long module lengths. The products are continually being developed and improved. The LED modules are fitted with the same renowned LED chips as the Superior series.

STANDARD

The standard LED modules offer a wide range of LED light bands and are controlled via resistance switching. The series offers maximum flexibility, stability, and mechanical safety.

PROTECTED

We produce customised LED modules in a polyurethane or silicone encapsulation for high protection classes. Customised lighting systems: various parameters are available and can be freely selected. These include BILTON LED module, version, connection cable, and optics.

Perfectly attuned to the lighting accessories and management

19

Different
Product families

up to >98

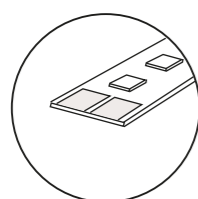
Light colour rendering
Index

300 –
5,000 lm/m

Different
Lumen packages

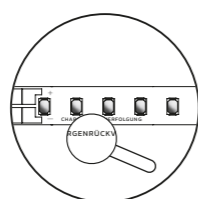
REEL-TO-REEL PRODUCTION PLANT

DEVELOPED AND PRODUCED IN AUSTRIA



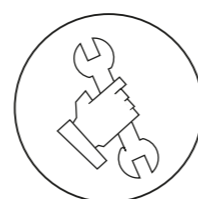
50 METRES

We produce LED module strips with a length of up to 50 metres – without solder joint.



TRACEABILITY

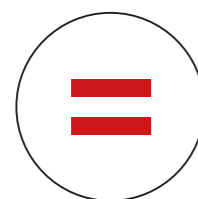
Thanks to our in-house production, we can guarantee batch traceability.



CONFIGURATION

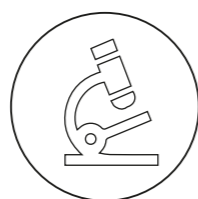
Manufacture of product-specific LED modules with a wide range of diverse parameters.

ALL ADVANTAGES AT A GLANCE



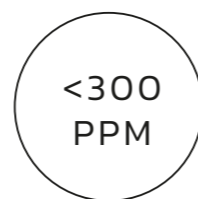
MADE IN AUSTRIA

Five-year guarantee on the entire "Made in Austria" range.



DEVELOPMENT

Our LED modules are always at the cutting edge of technology thanks to in-house research and development.



ERROR RATE

The fully automated production guarantees a low failure rate; the error rate is below 300 ppm.



REEL TO REEL MANUFACTURING TECHNOLOGY

The innovation factor at BILTON LEDON Technology (BLT.) plays a significant role not only in product design, product development, or new product applications. It is above all the innovative manufacturing process that gives us that certain edge in many respects. And this is developed by us. The reel-to-reel process can be used to produce LED module strips with a length of up to 50 metres. In a one-stop process, all work steps are fully automated in one production step. Since the development and construction of the plant, process improvements have been continuously introduced. For example, a dynamic temperature curve is used for the soldering process. The fully automated process sequence guarantees enormous reliability and full traceability of the batches produced.



LED-LINEAR LIGHT: BILTON REEL TO REEL



LED MODULES WITH ALL-ROUND PROTECTION

BILTON PROTECTED

Depending on the application, LED modules require different degrees of protection. The higher the requirement, the more important the quality of the coating. Depending on the application, the properties of the LED module can be adapted to the different ingress protections. Undisturbed light quality as well as the perfect emittance characteristics of the LED lighting are particularly important. In order to fulfil these criteria, we constantly working on new possibilities to make our LED modules more resistant to external influences and to perfect their mechanical properties.

PROTECTION LED MODULES

Linear LED lighting can be used for any application. To ensure that your design will not be restricted by technical factors, we offer five different ingress protections, meaning you will always find the right LED module for your project.



IP20

We manufacture our LED modules on our in-house reel-to-reel production line. It allows us to produce modules with a length of up to 50 metres. The standard module comes with IP20 protection. These LED modules are particularly suitable for indoor applications.



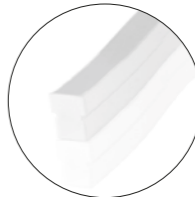
IPX6

The CVD-barrier film developed by us ensures high protection against moisture and dust and UV resistance up to ingress protection IPX6. And all this without colour location shift or increased heat development. The high flexibility and bending properties of the modules are also retained.



IP65NA

The standard barrier film ensures high protection against moisture and dust and UV resistance up to ingress protection IP65NA (nano-coating). And all this without colour location shift or increased heat development. The high flexibility and bending properties of the modules are also retained.



IP67

The BILTON AIR series is a linear LED light run in a highly flexible silicone casing. The silicone casing provides temperature resistance up to +200 °C, is highly resistant to a wide range of chemical substances and is non-flammable.



IP68

The LED modules are cast and sealed with polyurethane. This guarantees an extremely high level of protection against moisture. The LED modules are permanently resistant to water and they can also be protected against other substances (e.g. IP68C).

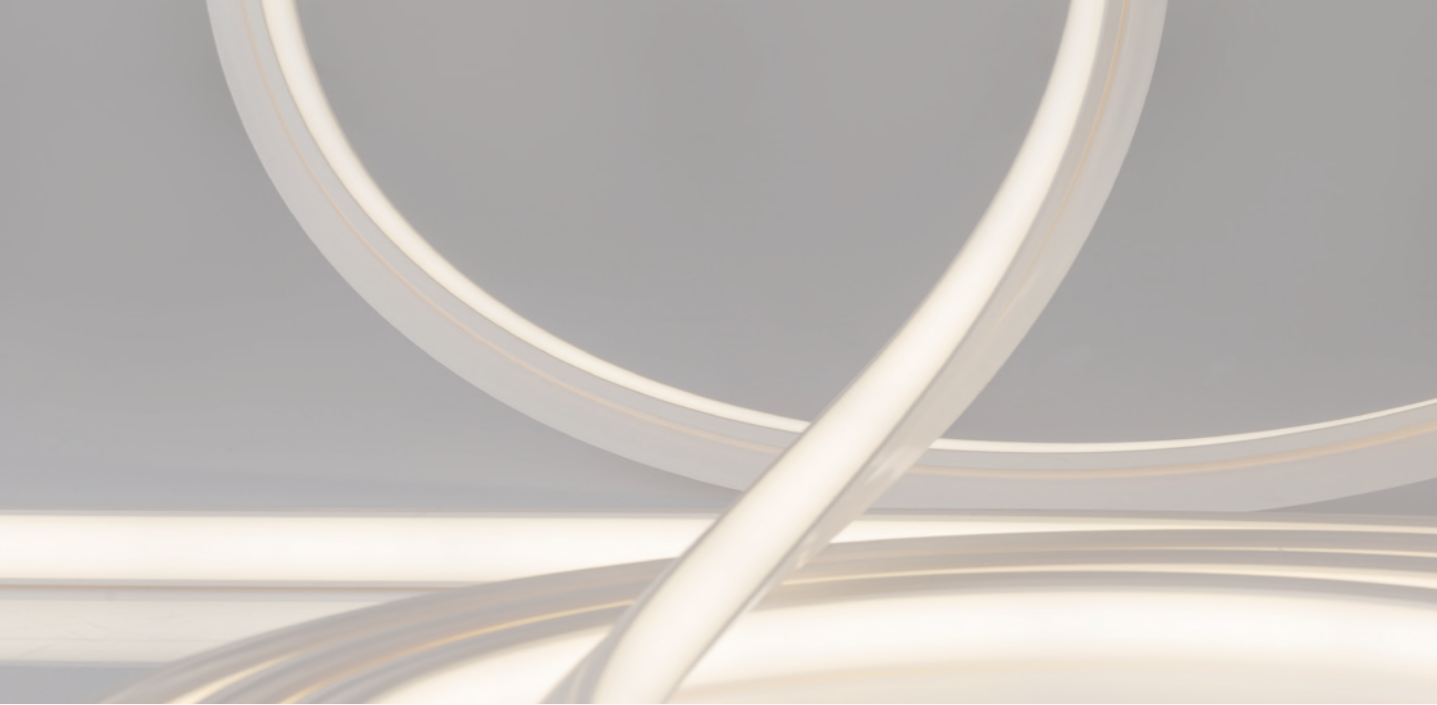
BILTON PROTECTED AT A GLANCE

Characteristic	IP20	IPX6	IP65NA	IP67	IP68
No loss of light due to absorption	✓	✓	✓	✗	✗
Production in Europe	✓	✓	✗	✓	✓
Do-it-yourself assembly	✓	✓	✓	✓	✗
Increased resistance to moisture	✗	✓	✓	✓	✓
Increased pliancy and flexibility	✓	✓	✓	✓	✗
Increased mechanical stability	✗	✗	✗	✓	✓

LED MODULE MATRIX

	Name	Luminous flux	Voltage	Power	Efficiency	Colour rendering	Separability	Max. module length	LED spacing	Light colour	IP20	IP54	IPX6	IP65	IP67	IP68	Page
PROTECTED	AIR TOP	450 lm/m	24 VDC	7.2 W/m	62 lm/W	> 80	50 mm	5.01 m	7.14 mm	<div><div>27</div><div>30</div><div>40</div></div>					●		86
	AIR TOP	850 lm/m	24 VDC	14.6 W/m	58 lm/W	> 80	50 mm	5.01 m	7.14 mm	<div><div>27</div><div>30</div><div>40</div></div>					●		86
	AIR TOP RGB	380 lm/m	24 VDC	14.4 W/m	36 lm/W	~	50 mm	5.02 m	8.3 mm	<div><div>Red</div><div>Green</div><div>Blue</div></div>					●		86
	AIR TOP PLUS	600 lm/m	24 VDC	7.5 W/m	80 lm/W	> 80	50 mm	5.01 m	7.14 mm	<div><div>27</div><div>30</div><div>40</div></div>					●		87
	AIR TOP PLUS	900 lm/m	24 VDC	11.0 W/m	82 lm/W	> 80	50 mm	5.01 m	7.14 mm	<div><div>27</div><div>30</div><div>40</div></div>					●		87
	AIR TOP PLUS	1,300 lm/m	24 VDC	15.7 W/m	83 lm/W	> 80	50 mm	5.01 m	7.14 mm	<div><div>27</div><div>30</div><div>40</div></div>					●		87
	AIR SIDE	450 lm/m	24 VDC	14.6 W/m	31 lm/W	> 80	50 mm	5.01 m	7.14 mm	<div><div>27</div><div>30</div><div>40</div></div>					●		88
	AIR SIDE RGB	170 lm/m	24 VDC	14.4 W/m	12 lm/W	~	50 mm	5.02 m	8.3 mm	<div><div>Red</div><div>Green</div><div>Blue</div></div>					●		88
	AIR SIDE PLUS	610 lm/m	24 VDC	13.8 W/m	44 lm/W	> 80	50 mm	5.01 m	7.14 mm	<div><div>27</div><div>30</div><div>40</div></div>					●		89
	AIR TOP TW	710 lm/m	24 VDC	9.9 W/m	71 lm/W	> 80	75 mm	5.045 m	10.7 mm	<div><div>25-48</div></div>					●		90
	AIR SIDE TW	400 lm/m	24 VDC	9.9 W/m	40 lm/W	> 80	75 mm	5.045 m	10.7 mm	<div><div>23-42</div></div>					●		90
	AIR SLIM	800 lm/m	24 VDC	8.8 W/m	91 lm/W	> 90	50 mm	5.02 m	7.14 mm	<div><div>30</div><div>40</div></div>		●			●		91
	AIR SLIM	1,100 lm/m	24 VDC	12.8 W/m	86 lm/W	> 90	50 mm	5.02 m	7.14 mm	<div><div>30</div><div>40</div></div>		●			●		91
SUPERIOR	AIR SLIM OPAL	600 lm/m	24 VDC	8.8 W/m	68 lm/W	> 90	50 mm	5.02 m	7.14 mm	<div><div>30</div><div>40</div></div>		●			●		91
	AIR SLIM OPAL	900 lm/m	24 VDC	12.8 W/m	70 lm/W	> 90	50 mm	5.02 m	7.14 mm	<div><div>30</div><div>40</div></div>		●			●		91
	ONE 900 > 80	900 lm/m	24 VDC	6.9 W/m	130 lm/W	> 80	50 mm	12.5 m	7.14 mm	<div><div>22</div><div>27</div><div>30</div><div>40</div><div>65</div></div>	●		●			●*	92
	ONE 1300 > 80	1,300 lm/m	24 VDC	9.8 W/m	133 lm/W	> 80	50 mm	10.0 m	7.14 mm	<div><div>22</div><div>27</div><div>30</div><div>40</div><div>65</div></div>	●		●			●*	92
	ONE 2000 > 80	2,000 lm/m	24 VDC	15.3 W/m	131 lm/W	> 80	50 mm	7.0 m	7.14 mm	<div><div>22</div><div>27</div><div>30</div><div>40</div><div>65</div></div>	●		●			●*	92
	ONE 3000 > 80	3,000 lm/m	24 VDC	24.0 W/m	125 lm/W	> 80	50 mm	4.5 m	7.14 mm	<div><div>22</div><div>27</div><div>30</div><div>40</div><div>65</div></div>	●		●			●*	92
	ONE 900 > 90	900 lm/m	24 VDC	8.8 W/m	102 lm/W	> 90	50 mm	10.5 m	7.14 mm	<div><div>22</div><div>27</div><div>30</div><div>40</div><div>65</div></div>	●		●			●*	92
	ONE 1300 > 90	1,300 lm/m	24 VDC	12.8 W/m	102 lm/W	> 90	50 mm	8.0 m	7.14 mm	<div><div>22</div><div>27</div><div>30</div><div>40</div><div>65</div></div>	●		●			●*	92
	ONE 2000 > 90	2,000 lm/m	24 VDC	20.2 W/m	99 lm/W	> 90	50 mm	5.5 m	7.14 mm	<div><div>22</div><div>27</div><div>30</div><div>40</div><div>65</div></div>	●		●			●*	92
	ONE PLUS 900 > 80	900 lm/m	24 VDC	5.6 W/m	161 lm/W	> 80	50 mm	10.0 m	6.25 mm	<div><div>27</div><div>30</div><div>40</div><div>65</div></div>	●		●			●*	93
	ONE PLUS 1300 > 80	1,300 lm/m	24 VDC	8.0 W/m	163 lm/W	> 80	50 mm	8.0 m	6.25 mm	<div><div>27</div><div>30</div><div>40</div><div>65</div></div>	●		●			●*	93
	ONE PLUS 2000 > 80	2,000 lm/m	24 VDC	11.9 W/m	168 lm/W	> 80	50 mm	6.0 m	6.25 mm	<div><div>27</div><div>30</div><div>40</div><div>65</div></div>	●		●			●*	93
	ONE PLUS 3000 > 80	3,000 lm/m	24 VDC	18.0 W/m	167 lm/W	> 80	50 mm	3.5 m	6.25 mm	<div><div>27</div><div>30</div><div>40</div><div>65</div></div>	●		●			●*	93
	ONE PLUS 900 > 90	900 lm/m	24 VDC	6.5 W/m	138 lm/W	> 90	50 mm	7.5 m	6.25 mm	<div><div>27</div><div>30</div><div>40</div><div>65</div></div>	●		●			●*	93
	ONE PLUS 1300 > 90	1,300 lm/m	24 VDC	9.0 W/m	144 lm/W	> 90	50 mm	5.5 m	6.25 mm	<div><div>27</div><div>30</div><div>40</div><div>65</div></div>	●		●			●*	93
	ONE PLUS 2000 > 90	2,000 lm/m	24 VDC	13.6 W/m	147 lm/W	> 90	50 mm	4.0 m	6.25 mm	<div><div>27</div><div>30</div><div>40</div><div>65</div></div>	●		●			●*	93
	ONE PLUS 3000 > 90	3,000 lm/m	24 VDC	20.5 W/m	146 lm/W	> 90	50 mm	2.0 m	6.25 mm	<div><div>27</div><div>30</div><div>40</div><div>65</div></div>	●		●			●*	93
	ONE XL 3000 > 80	3,000 lm/m	24 VDC	21.3 W/m	142 lm/W	> 80	50 mm	6.0 m	7.14 mm	<div><div>27</div><div>30</div><div>40</div><div>65</div></div>	●					●*	94
	ONE XL 4000 > 80	4,000 lm/m	24 VDC	28.9 W/m	138 lm/W	> 80	50 mm	5.0 m	7.14 mm	<div><div>27</div><div>30</div><div>40</div><div>65</div></div>	●					●*	94
	ONE XL 5000 > 80	5,000 lm/m	24 VDC	36.5 W/m	137 lm/W	> 80	50 mm	4.0 m	7.14 mm	<div><div>27</div><div>30</div><div>40</div><div>65</div></div>	●					●*	94
	ONE XL 3000 > 90	3,000 lm/m	24 VDC	24.9 W/m	122 lm/W	> 90	50 mm	5.5 m	7.14 mm	<div><div>27</div><div>30</div><div>40</div><div>65</div></div>	●					●*	94
	ONE XL 4000 > 90	4,000 lm/m	24 VDC	33.7 W/m	119 lm/W	> 90	50 mm	4.5 m	7.14 mm	<div><div>27</div><div>30</div><div>40</div><div>65</div></div>	●					●*	94
	ONE XL 5000 > 90	5,000 lm/m	24 VDC	41.5 W/m	120 lm/W	> 90	50 mm	3.5 m	7.14 mm	<div><div>27</div><div>30</div><div>40</div><div>65</div></div>	●					●*	94
	TWS 1300 > 80	1,300 lm/m	24 VDC	9.9 W/m	131 lm/W	> 80	75 mm	12.0 m	10.7 mm	<div><div>27-65</div></div>	●		●			●*	95
	TWS 2000 > 80	2,000 lm/m	24 VDC	15.4 W/m	130 lm/W	> 80	75 mm	8.5 m	10.7 mm	<div><div>27-65</div></div>	●		●			●*	95
	TWS 3000 > 80	3,000 lm/m	24 VDC	24.0 W/m	125 lm/W	> 80	75 mm	6.5 m	10.7 mm	<div><div>27-65</div></div>	●		●			●*	95
	TWS 3800 > 80	3,800 lm/m	24 VDC	31.1 W/m	122 lm/W	> 80	75 mm	5.0 m	10.7 mm	<div><div>27-65</div></div>	●		●			●*	95
	TWS 1300 > 90	1,300 lm/m	24 VDC	12.1 W/m	107 lm/W	> 90	75 mm	10.5 m	10.7 mm	<div><div>27-65</div></div>	●		●			●*	95
	TWS 2000 > 90	2,000 lm/m	24 VDC	18.5 W/m	108 lm/W	> 90	75 mm	7.5 m	10.7 mm	<div><div>27-65</div></div>	●		●			●*	95
	TWS 3000 > 90	3,000 lm/m	24 VDC	29.8 W/m	101 lm/W	> 90	75 mm	4.5 m	10.7 mm	<div><div>27-65</div></div>	●		●			●*	95
	RETAIL 1300	1,300 lm/m	24 VDC	11.5 W/m	113 lm/W	> 95	50 mm	7.5 m	7.14 mm	<div><div>30</div><div>35</div><div>40</div></div>	●		●			●*	96
	RETAIL 2000	2,000 lm/m	24 VDC	17.9 W/m	112 lm/W	> 95	50 mm	5.5 m	7.14 mm	<div><div>30</div><div>35</div><div>40</div></div>	●		●			●*	96
	RETAIL 3000	3,000 lm/m	24 VDC	27.7 W/m	108 lm/W	> 95	50 mm	4.5 m	7.14 mm	<div><div>35</div><div>40</div></div>	●		●			●*	96
	SOL 3000	3,000 lm/m	24 VDC	29.0 W/m	103 lm/W	Full Spectrum	50 mm	4.0 m	7.14 mm	<div><div>40</div></div>	●					●*	97
PREMIUM	DTW	1,000 lm/m	24 VDC	9.6 W/m	109 lm/W	> 80	83.3 mm	3.0 m	11.9 mm	<div><div>19-30</div></div>	●					●*	98
	ECO PLUS 600 > 80	600 lm/m	24 VDC	5.3 W/m	113 lm/W	> 80	50 mm	21.5 m	8.3 mm	<div><div>27</div><div>30</div><div>40</div></div>	●					●*	99
	ECO PLUS 900 > 80	900 lm/m	24 VDC	8.1 W/m	111 lm/W	> 80	50 mm	16.0 m	8.3 mm	<div><div>27</div><div>30</div><div>40</div></div>	●					●*	99
	ECO PLUS 1300 > 80	1,300 lm/m	24 VDC	12.0 W/m	110 lm/W	> 80	50 mm	11.5 m	8.3 mm	<div><div>27</div><div>30</div><div>40</div></div>	●					●*	99
	ECO PLUS 2000 > 80	2,000 lm/m	24 VDC	18.1 W/m	110 lm/W	> 80	50 mm	8.0 m	8.3 mm	<div><div>27</div><div>30</div><div>40</div></div>	●					●*	99
	ECO PLUS 600 > 90	600 lm/m	24 VDC	6.6 W/m	91 lm/W	> 90	50 mm	18.0 m	8.3 mm	<div><div>27</div><div>30</div><div>40</div></div>	●					●*	99
	ECO PLUS 900 > 90	900 lm/m	24 VDC	9.5 W/m	95 lm/W	> 90	50 mm	13.0 m	8.3 mm	<div><div>27</div><div>30</div><div>40</div></div>	●					●*	99
	ECO PLUS 1300 > 90	1,300 lm/m	24 VDC	13.5 W/m	96 lm/W	> 90	50 mm	10.0 m	8.3 mm	<div><div>27</div><div>30</div><div>40</div></div>	●					●*	99
STANDARD	TWO 300	300 lm/m	12 VDC	2.4 W/m	125 lm/W	> 80	25 mm	5.0 m	8.3 mm	<div><div>27</div><div>30</div><div>40</div><div>50</div></div>	●		●			●*	100
	TWO 600	600 lm/m	12 VDC	5.3 W/m	113 lm/W	> 80	25 mm	4.0 m	8.3 mm	<div><div>27</div><div>30</div><div>40</div><div>50</div></div>	●		●			●*	100
	TWO 900	900 lm/m	12 VDC	8.2 W/m	110 lm/W	> 80	25 mm	3.0 m	8.3 mm	<div><div>27</div><div>30</div><div>40</div><div>50</div></div>	●		●			●*	100
	TWO 1300	1,300 lm/m	12 VDC	12.0 W/m	108 lm/W	> 80	25 mm	2.0 m	8.3 mm	<div><div>27</div><div>30</div><div>40</div><div>50</div></div>	●		●			●*	100
	RGB ECO	400 lm/m	24 VDC	14.4 W/m	28 lm/W	~	100 mm	10.0 m	16.7 mm	<div><div>Red</div><div>Green</div><div>Blue</div></div>	●					●*	101
	RGB PRO	600 lm/m	24 VDC	14.4 W/m	42 lm/W	~	50 mm	5.0 m	8.3 mm	<div><div>Red</div><div>Green</div><div>Blue</div></div>	●					●*	101
	RGB W	700 lm/m	24 VDC	7.9 W/m	89 lm/W	> 80	50 mm	5.0 m	14.3 mm	<div><div>Red</div><div>Green</div><div>Blue</div><div>27</div><div>30</div></div>				●		●*	102
	ECO 250	250 lm/m	24 VDC	2.0 W/m	125 lm/W	> 80	100 mm	12.5 m	16.7 mm	<div><div>27</div><div>30</div><div>40</div></div>	●					●*	103
	ECO 500	500 lm/m	24 VDC	4.0 W/m	125 lm/W	> 80	100 mm	10.0 m	16.7 mm	<div><div>27</div><div>30</div><div>40</div></div>	●					●*	103
	ECO 1000	1,000 lm/m	24 VDC	8.1 W/m	123 lm/W	> 80	100 mm	6.0 m	16.7 mm	<div><div>27</div><div>30</div><div>40</div></div>	●					●*	103
	ECO 1500	1,500 lm/m	24 VDC	12.6 W/m	119 lm/W	> 80	100 mm	4.5 m	16.7 mm	<div><div>27</div><div>30</div><div>40</div></div>	●					●*	103
	BLNNR25	950 lm/m	24 VDC	14.4 W/m	66 lm/m	> 90	1 mm	5.0 m	~ mm	<div><div>27</div><div>30</div><div>40</div></div>				●			104
	BLNNR18	1000 lm/m	24 VDC	14.4 W/m	69 lm/m	> 90	1 mm	5.0 m	~ mm	<div><div>27</div><div>30</div><div>40</div></div>				●			104

* The feasibility of the respective IP68 BILTON Protected must be checked depending on the application. Information on BILTON Protected can be found from page 106.



PROTECTED

BILTON AIR TOP

The BILTONAIR TOP is a linear LED light run in a highly flexible silicone casing. The LED module can be bent in a wave-like manner to the direction of the light emitting surface. The LED module can be mounted with the appropriate installation accessories. The LED module is fully controllable with a PWM dimmer (e.g. the BILTON LED dimmer). Developed and produced by BILTON LEDON Technology in Austria.

PRODUCED IN AUSTRIA

SEPARABILITY 50 MM

WHITE & RGB

IP67 PROTECTION

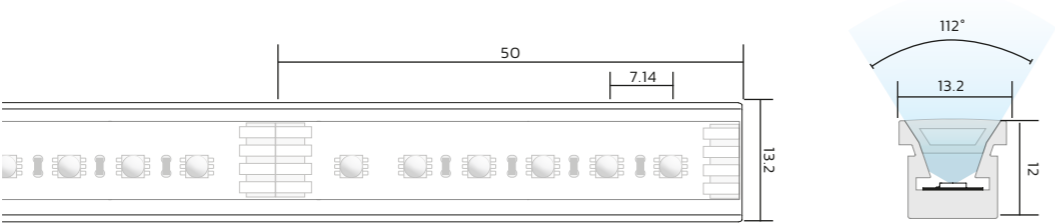
5 YEAR GUARANTEE

WAVE SHAPE

L80 B10 50,000 HRS LIFETIME*

AREAS OF APPLICATION

Customised lighting configurations
Unlimited design freedom (can be flexibly shaped and separated)



Name	Luminous flux / m*	Voltage	Power*	Efficiency*	CRI	Module length**	IP protection	2,700 K	3,000 K	4,000 K	RGB*
BLAIR TOP	450 lm/m	24 VDC	7.2 W/m	62.5 lm/W	> 80	5.01 m	IP67	101294	101297	101300	~
BLAIR TOP	850 lm/m	24 VDC	14.6 W/m	58.8 lm/W	> 80	5.01 m	IP67	101303	101306	101309	~
BLAIR TOP	380 lm/m	24 VDC	14.4 W/m	36.0 lm/W	-	5.02 m	IP67	~	~	~	101384

BILTON AIR is available in a 5.01 or 3.01 metre packaging unit (VPE) on a roll. BILTON AIR can also be configurate to the desired length.

Prices of the VPEs can be obtained from the BILTON Customer Service Centre.
* Data relating to electrical and photometric measurements: Power data measured after 1 min. at 25° C ambient temperature and a light colour of 4,000 K / RGB (+/- 15 %).
The Lifetime of the RGB modules is L70/B10 36,000 hours.
** Module length at 24 V input voltage on the module and luminous flux drop < 10% over the specified length.

PROTECTED

BILTON AIR TOP PLUS

The new BILTON AIR TOP PLUS series offers some new features and an improved LED module with more efficient LED chips and a double layer. The end caps have transparent screw-on tabs for easier mounting and more light emission. In addition, the BILTON AIR PLUS series is fully compatible with the BILTON lumen classes. Developed and produced by BILTON LEDON Technology in Austria.

PRODUCED IN AUSTRIA

SEPARABILITY 50 MM

WHITE & RGB

IP67 PROTECTION

5 YEAR GUARANTEE

WAVE SHAPE

DOUBLE LAYER

L80 B10 50,000 HRS LIFETIME

Name	Luminous flux / m*	Voltage	Power*	Efficiency*	CRI	Module length**	IP protection	2,700 K	3,000 K	4,000 K
BLAIR TOP PLUS *	600 lm/m	24 VDC	7.5 W/m	80.0 lm/W	> 80	5.01 m	IP67	101940	101941	101942
BLAIR TOP PLUS *	900 lm/m	24 VDC	11.0 W/m	82.0 lm/W	> 80	5.01 m	IP67	101943	101944	101945
BLAIR TOP PLUS *	1,300 lm/m	24 VDC	15.7 W/m	83.0 lm/W	> 80	5.01 m	IP67	101946	101947	101948

BILTON AIR is available in a 5.01 or 3.01 metre packaging unit (VPE) on a roll. BILTON AIR can also be configurate to the desired length.

Prices of the VPEs can be obtained from the BILTON Customer Service Centre.
* Data relating to electrical and photometric measurements: Power data measured after 1 min. at 25° C ambient temperature and a light colour of 4,000 K (+/- 15 %).
** Module length at 24 V input voltage on the module and luminous flux drop < 10% over the specified length.



PROTECTED

BILTON AIR SIDE

The BILTONAIR SIDE is a linear LED light run in a highly flexible silicone casing and can be bent in a curve-like manner to the direction of the light emission surface. The LED module is mounted with the corresponding installation accessories. The LED module is fully controllable with a PWM dimmer (e.g. the BILTON LED dimmer) Developed and produced by BILTON LEDON Technology in Austria.

PRODUCED IN AUSTRIA

SEPARABILITY 50 MM

WHITE & RGB

IP67 PROTECTION

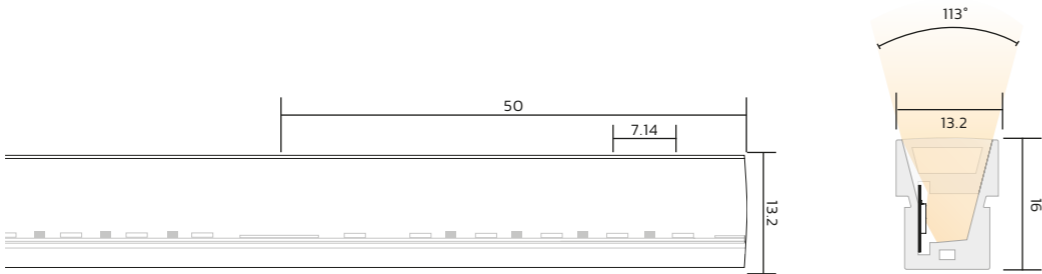
5 YEAR GUARANTEE

CURVE SHAPE

L80 B10 50,000 HRS LIFETIME*

AREAS OF APPLICATION

Customised lighting configurations
Unlimited design freedom (can be flexibly shaped and separated)



Name	Luminous flux / m*	Voltage	Power*	Efficiency*	CRI	Module length**	IP protection	2,700 K	3,000 K	4,000 K	RGB*
BLAIR SIDE PU 1 m	450 lm/m	24 VDC	14.6 W/m	30.6 lm/W	> 80	5.01 m	IP67	101312	101315	101318	~
BLAIR SIDE PU 1 m	170 lm/m	24 VDC	14.4 W/m	12.0 lm/W	-	5.02 m	IP67	~	~	~	101387

BILTON AIR is available in a 5.01 or 3.01 metre packaging unit (VPE) on a roll. BILTON AIR can also be configurate to the desired length.



PROTECTED

BILTON AIR SIDE PLUS

The BILTON AIR SIDE PLUS series offers some new features and an improved LED module with more efficient LED chips and a double layer. The end caps have transparent screw-on tabs for easier mounting and more light emission. In addition, the BILTONAIR PLUS series is fully compatible with the BILTON lumen classes. Developed and produced by BILTON LEDON Technology in Austria.

PRODUCED IN AUSTRIA

SEPARABILITY 50 MM

WHITE & RGB

IP67 PROTECTION

CURVE SHAPE

DOUBLE LAYER

L80 B10 50,000 HRS LIFETIME

Name	Luminous flux / m*	Voltage	Power*	Efficiency*	CRI	Module length**	IP protection	2,700 K	3,000 K	4,000 K
BLAIR SIDE PLUS PU 1 m	600 lm/m	24 VDC	13.8 W/m	44.0 lm/W	> 80	5.01 m	IP67	101949	101950	101951

BILTON AIR is available in a 5.01 or 3.01 metre packaging unit (VPE) on a roll. BILTON AIR can also be configurate to the desired length.



Prices of the VPEs can be obtained from the BILTON Customer Service Centre.
* Data relating to electrical and photometrix measurements: Power data measured after 1 min. at 25° C ambient e temperature and a light colour of 4,000 K / RGB (+/- 15 %)
The Lifetime of the RGB modules is L70/B10 36,000 hours.
** Module length at 24 V input voltage on the module and luminous flux drop < 10% over the specified length.

Prices of the VPEs can be obtained from the BILTON Customer Service Centre.
* Data relating to electrical and photometrix measurements: Power data measured after 1 min. at 25° C ambient temperature and a light colour of 4,000 K (+/- 15 %).
** Module length at 24 V input voltage on the module and luminous flux drop < 10% over the specified length.



PROTECTED

BILTON AIR TW

The BILTON AIR series is now also available as a Tuneable White version. The BILTON AIR TW is an LED light run integrated into a silicone strip, where the light colour can be controlled from warm white to cool white. The LED module is fully controllable with a PWM dimmer (e.g. the BILTON LED dimmer) Developed and produced by BILTON in Austria.

PRODUCED IN AUSTRIA

SEPARABILITY 75 MM

L80 B10 50,000 HRS LIFETIME

IP67 PROTECTION

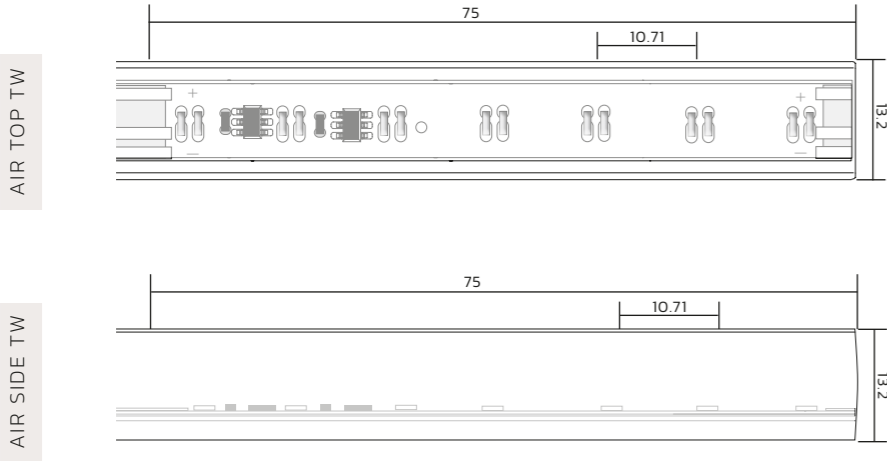
5 YEAR GUARANTEE

ADAPTIVE WHITE

WAVE- & CURVE SHAPE

AREAS OF APPLICATION

Customised lighting configurations
Unlimited design freedom (can be flexibly shaped and separated)



Name	Luminous flux / m*	Voltage	Power*	Efficiency*	CRI	Module length**	IP protection	2,500 - 4,800 K	2,300 - 4,200 K
BLAIR TOP TW PU 5 m	700 lm/m	24 VDC	9.9 W/m	71 lm/W	> 80	5.045 m	IP67	102098	~
BLAIR SIDE TW PU 5 m	400 lm/m	24 VDC	9.9 W/m	40 lm/W	> 80	5.045 m	IP67	~	102097

BILTON AIR is available in a 5.045 metre packaging unit (VPE) on a roll. BILTON AIR can also be configurate to the desired length.

* Specifications of electrical and photometric parameters: All values are valid in a thermally steady state at 25°C ambient temperature under BILTON LEDON Technology’s standardised measurements environment. Nominal lumen values differ for different light colours. These values can be found in the respective data sheets. All values may have tolerances of +/-15 %.
** Module length at 24 V input voltage on the module and luminous flux drop < 10% over the specified length.

PROTECTED

BILTON AIR SLIM

The BILTONAIR SLIM is a linear LED light run in a highly flexible silicone casing with a transparent or opaque cover. The LED module can be bent in a wave-like manner to the direction of the light emitting surface. The BILTONAIR SLIM can be easily mounted by means of adhesive tape on the back and clamping knobs on the sides. Developed and produced by BILTON in Austria.

PRODUCED IN AUSTRIA

SEPARABILITY 50 MM

L80 B10 50,000 HRS LIFETIME

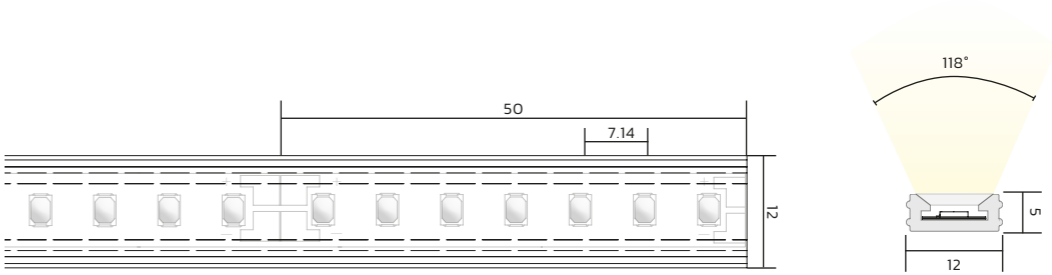
IP54 / IP67 PROTECTION

5 YEAR GUARANTEE

WAVE SHAPE

AREAS OF APPLICATION

Lateral clamping knobs make it ideal for groove mounting in milled areas



Name	Luminous flux / m*	Voltage	Power*	Efficiency*	CRI	Module length**	IP protection	2,200 K	2,700 K	3,000 K	4,000 K
BLAIR SLIM Transparent PU 5 m	800 lm/m	24 VDC	8.8 W/m	91 lm/W	> 90	5.02 m	IP54	~	~	101869	101870
							IP67	~	~	101871	101872
BLAIR SLIM Transparent PU 5 m	1,100 lm/m	24 VDC	12.8 W/m	86 lm/W	> 90	5.02 m	IP54	~	~	101873	101874
							IP67	~	~	101875	101876
BLAIR SLIM Opal PU 5 m	600 lm/m	24 VDC	8.8 W/m	68 lm/W	> 90	5.02 m	IP54	101900	101901	~	~
							IP67	101880	101881	~	~
BLAIR SLIM Opal PU 5 m	900 lm/m	24 VDC	12.8 W/m	70 lm/W	> 90	5.02 m	IP54	101902	101903	~	~
							IP67	101882	101883	~	~

BILTON AIR SLIM is available in a 5.02 metre packaging unit (VPE) on a roll. BILTON AIR SLIM can also be configurate to the desired length.

* Data relating to electrical and photometrix measurements: Power data measured after 1 min. at 25° C ambient temperature and a light colour of 4,000 K (+/- 15 %).
** Module length at 24 V input voltage on the module and luminous flux drop < 10% over the specified length.



SUPERIOR

BILTON ONE

The BILTON ONE series is a highly flexible linear LED light run for general lighting applications. There are 140 LED chips per metre. This results in optimum light homogeneity and increasing efficiency. In order to still achieve long light lines, the LED chips are additionally placed on a double-layer substrate. Temperature monitoring has been integrated to protect the light strip from overheating. The LED module is connected via a thermally conductive adhesive tape. Developed and produced by BILTON in Austria.

PRODUCED IN AUSTRIA

5 YEAR GUARANTEE

SEPARABILITY 50 MM

IP20 / IPX6 PROTECTION

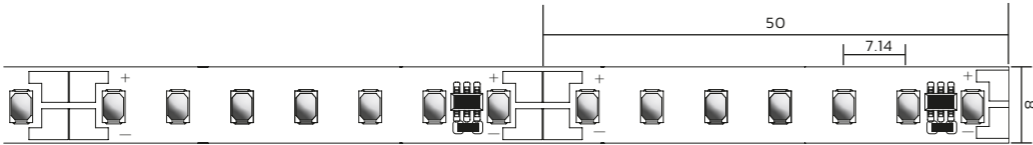
DOUBLE LAYER

RA >80 / >90 COLOUR RENDERING

L80 B10 60,000 HRS LIFETIME

AREAS OF APPLICATION

For all types of lighting related to the homogeneous illumination of the light lines



Name	Luminous flux / m*	Voltage	Power*	Efficiency*	CRI	Module length**	EEK	IP protection	2,200 K	2,700 K	3,000 K	4,000 K	6,500 K
BLONE 900 PU 5 m	900 lm/m	24 VDC	6.9 W/m	130 lm/W	> 80	12.5 m	E	IP20	100994	101000	101006	101012	101018
								IPX6	101024	101030	101036	101042	101048
		24 VDC	8.8 W/m	102 lm/W	> 90	10.5 m	F	IP20	101453	101459	101465	101471	101477
								IPX6	101483	101489	101495	101501	101507
BLONE 1300 PU 5 m	1,300 lm/m	24 VDC	9.8 W/m	133 lm/W	> 80	10.0 m	E	IP20	101054	101060	101066	101072	101078
								IPX6	101084	101090	101096	101102	101108
		24 VDC	12.8 W/m	102 lm/W	> 90	8.0 m	F	IP20	101513	101519	101525	101531	101537
								IPX6	101543	101549	101555	101561	101567
BLONE 2000 PU 5 m	2,000 lm/m	24 VDC	15.3 W/m	131 lm/W	> 80	7.0 m	E	IP20	101114	101120	101126	101132	101138
								IPX6	101144	101150	101156	101162	101168
		24 VDC	20.2 W/m	99 lm/W	> 90	5.5 m	F	IP20	~	~	101585	101591	101597
								IPX6	~	~	101615	101621	101627
BLONE 3000 PU 5 m	3,000 lm/m	24 VDC	24.0 W/m	125 lm/W	> 80	4.5 m	E	IP20	~	101180	101405	101411	101417
								IPX6	~	101429	101435	101441	101447

BILTON ONE is available with UL certification on request.
BILTON ONE is available in a 5 or 20 m packaging unit (PU) on a roll.



SUPERIOR

BILTON ONE PLUS

The BILTON ONE PLUS series is a highly flexible linear LED light run for general lighting applications. There are now 160 LED chips per metre. This again significantly improves light homogeneity and efficiency. Alternatively placed LED chips are installed on the double-layer substrate. This results in even greater efficiency than with the BILTON ONE series. Temperature monitoring has been integrated to protect the light strip from overheating. The LED module is connected via a thermally conductive adhesive tape. Developed and produced by BILTON LEDON Technology in Austria.

PRODUCED IN AUSTRIA

5 YEAR GUARANTEE

SEPARABILITY 50 MM

IP20 / IPX6 PROTECTION

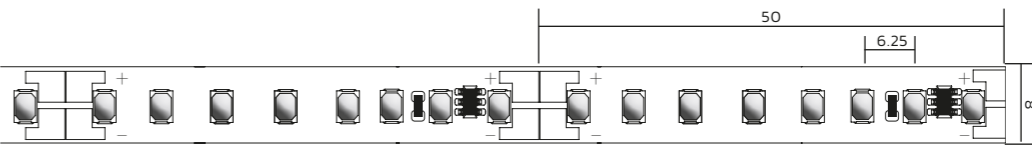
DOUBLE LAYER

RA >80 / >90 COLOUR RENDERING

L80 B10 60,000 HRS LIFETIME

AREAS OF APPLICATION

For all types of lighting related to the homogeneous illumination of the light lines



Name	Luminous flux / m*	Voltage	Power*	Efficiency*	CRI	Module length**	EEK	IP protection	2,700 K	3,000 K	4,000 K	6,500 K
BLONE+ 900 PU 5 m	900 lm/m	24 VDC	5.6 W/m	161 lm/W	> 80	10.0 m	D	IP20	101952	101954	101956	101958
								IPX6	101960	101962	101964	101966
		24 VDC	6.5 W/m	138 lm/W	> 90	7.5 m	E	IP20	102016	102018	102020	102022
								IPX6	102024	102026	102028	102030
BLONE+ 1300 PU 5 m	1,300 lm/m	24 VDC	8.0 W/m	163 lm/W	> 80	8.0 m	D	IP20	101968	101970	101972	101974
								IPX6	101976	101978	101980	101982
		24 VDC	9.0 W/m	144 lm/W	> 90	5.5 m	E	IP20	102032	102034	102036	102038
								IPX6	102040	102042	102044	102046
BLONE+ 2000 PU 5 m	2,000 lm/m	24 VDC	11.9 W/m	168 lm/W	> 80	6.0 m	D	IP20	101984	101986	101988	101990
								IPX6	101992	101994	101996	101998
		24 VDC	13.6 W/m	147 lm/W	> 90	4.0 m	D	IP20	102048	102050	102052	102054
								IPX6	102056	102058	102060	102062
BLONE+ 3000 PU 5 m	3,000 lm/m	24 VDC	18.0 W/m	167 lm/W	> 80	3.5 m	D	IP20	102000	102002	102004	102006
								IPX6	102008	102010	102012	102014
		24 VDC	20.5 W/m	146 lm/W	> 90	2.0 m	D	IP20	102064	102066	102068	102070
								IPX6	102072	102074	102076	102078

BILTON ONE PLUS is available in either a 5 or 20 metre packaging unit (VPE) on a roll.



* Specifications of electrical and photometric parameters: All values are valid in a thermally steady state at 25°C ambient temperature under BILTON LEDON Technology’s standardised measurements environment. Nominal lumen values differ for different light colours. These values can be found in the respective data sheets. All values may have tolerances of +/-15 %.
** Module length at 24 V input voltage on the module and luminous flux drop < 10% over the specified length.

* Specifications of electrical and photometric parameters: All values are valid in a thermally steady state at 25°C ambient temperature under BILTON LEDON Technology’s standardised measurements environment. Nominal lumen values differ for different light colours. These values can be found in the respective data sheets. All values may have tolerances of +/-15 %.
** Module length at 24 V input voltage on the module and luminous flux drop < 10% over the specified length.



SUPERIOR

BILTON ONE XL

The BILTONONE XL series has been specially developed for high luminous flux values. The ONE XL series was developed and manufactured with a tape width of 12 mm to ensure good heat conduction, allowing longer line lengths. High levels of design freedom, the current carrying capacity and longer module lengths are possible. Thanks to integrated temperature monitoring, this series ensures constant and homogeneous illumination. Developed and produced by BILTON LEDON Technology in Austria

PRODUCED IN AUSTRIA

5 YEAR GUARANTEE

SEPARABILITY 50 MM

IP20 PROTECTION

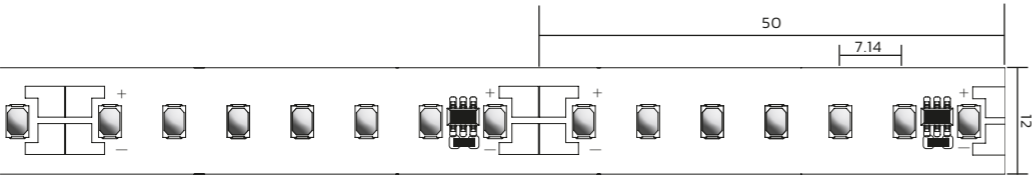
12 MM WIDTH

RA >80 / >90 COLOUR RENDERING

L80 B10 60,000 HRS LIFETIME

AREAS OF APPLICATION

Unlimited application areas for linear lighting in white for even longer cable lengths



Name	Luminous flux / m*	Voltage	Power*	Efficiency*	CRI	Module length**	EEK	IP protection	2,700 K	3,000 K	4,000 K	6,500 K
BLONE XL 3000 PU 5 m	3,000 lm/m	24 VDC	21.3 W/m	142 lm/W	> 80	6.0 m	E	IP20	101782	101784	101786	101788
		24 VDC	24.9 W/m	122 lm/W	> 90	5.5 m	E	IP20	101798	101800	101802	101804
BLONE XL 4000 PU 5 m	4,000 lm/m	24 VDC	28.9 W/m	138 lm/W	> 80	5.0 m	E	IP20	101790	101792	101794	101796
		24 VDC	33.7 W/m	119 lm/W	> 90	4.5 m	F	IP20	101806	101808	101810	101812
BLONE XL 5000 PU 5 m	5,000 lm/m	24 VDC	36.5 W/m	137 lm/W	> 80	4.0 m	E	IP20	101913	101915	101917	101919
		24 VDC	41.5 W/m	120 lm/W	> 90	3.5 m	E	IP20	101921	101923	101925	101927

BILTON ONE XL is available with UL certification on request.
BILTON ONE XL is available in a 5 or 20 m packaging unit (PU) on a roll.



* Specifications of electrical and photometric parameters: All values are valid in a thermally steady state at 25°C ambient temperature under BILTON LEDON Technology’s standardised measurements environment. Nominal lumen values differ for different light colours. These values can be found in the respective data sheets. All values may have tolerances of +/-15 %.
** Module length at 24 V input voltage on the module and luminous flux drop < 10% over the specified length.

SUPERIOR

BILTON TWS

The BILTON TWS (Tuneable White) is a flexible, linear LED light run for a wide spectrum of light. The light colour can be controlled from cool white to warm white. Long cable lengths and better stability result from the extra layer. The LED module is connected via a thermally conductive adhesive tape. The LED module is fully controllable with a PWM dimmer (e.g. the BILTON LED dimmer). Developed and produced by BILTON LEDON Technology in Austria.

PRODUCED IN AUSTRIA

5 YEAR GUARANTEE

RA >80 / >90 COLOUR RENDERING

5 YEAR GUARANTEE

DOUBLE LAYER

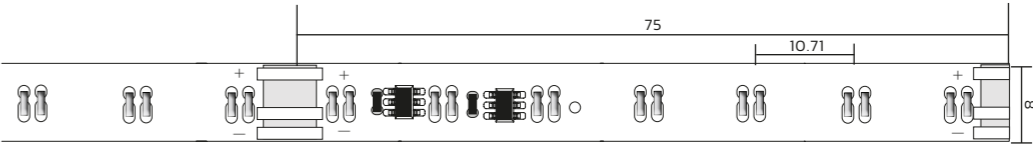
SEPARABILITY 75 MM

L80 B10 60,000 HRS LIFETIME

ADAPTIVE WHITE

AREAS OF APPLICATION

Selectable colour temperature of the white light
Physiologically valuable light (Human Centric Lighting)



Name	Luminous flux / m*	Voltage	Power*	Efficiency*	CRI	Module length**	EEK	IP protection	2,700 – 6,500 K
BLTWS 1300 PU 5 m	1,300 lm/m	24 VDC	9.9 W/m	131 lm/W	> 80	12.0 m	E	IP20	102086
		24 VDC	12.1 W/m	107 lm/W	> 90	10.5 m	F	IPX6	102093
BLTWS 2000 PU 5 m	2,000 lm/m	24 VDC	15.4 W/m	130 lm/W	> 80	8.5 m	E	IP20	102083
		24 VDC	18.5 W/m	108 lm/W	> 90	7.5 m	F	IPX6	102090
BLTWS 3000 PU 5 m	3,000 lm/m	24 VDC	24.0 W/m	125 lm/W	> 80	7.0 m	E	IP20	102087
		24 VDC	29.8 W/m	101 lm/W	> 90	4.5 m	F	IPX6	102094
BLTWS 3800 PU 5 m	3,800 lm/m	24 VDC	31.1 W/m	122 lm/W	> 80	5.0 m	E	IP20	102084
		24 VDC	31.1 W/m	122 lm/W	> 80	5.0 m	E	IPX6	102091

BILTON TWS is available in a 5 m packaging unit (PU) on a roll.



* Specifications of electrical and photometric parameters: All values are valid in a thermally steady state at 25°C ambient temperature under BILTON LEDON Technology’s standardised measurements environment. The luminous fluxes specified here only apply to 100% operation of the strip (both light Colours at 100%). The luminous flux of the individual light Colours can be found in the respective data sheets. All values may have tolerances of +/-15 %.
** Module length at 24 V input voltage on the module and luminous flux drop < 10% over the specified length.



SUPERIOR

BILTON RETAIL

In the same design as BILTON ONE, a flexible LED strip with a high colour rendering of CRI > 95 is available with the BILTON RETAIL product family. In particular, a very high R9 value of up to 96 is available. This flexible LED strip has been especially developed for lighting tasks in the shop sector. Developed and produced by BILTON LEDON Technology in Austria.

PRODUCED IN AUSTRIA

5 YEAR GUARANTEE

SEPARABILITY 50 MM

IP20 / IPX6 PROTECTION

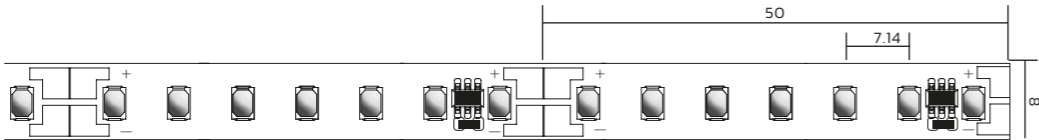
DOUBLE LAYER

RA >95 COLOUR RENDERING

L80 B10 60,000 HRS LIFETIME

AREAS OF APPLICATION

Particularly suitable for shop lighting applications



Name	Luminous flux / m*	Voltage	Power*	Efficiency*	CRI	Module length**	EEK	IP protection	3,000 K	3,500 K	4,000 K
BLRET 1300 PU 5 m	1,300 lm/m	24 VDC	115 W/m	113 lm/W	> 95	7.5 m	F	IP20	101814	101816	101818
								IPX6	101820	101822	101824
BLRET 2000 PU 5 m	2,000 lm/m	24 VDC	17.9 W/m	112 lm/W	> 95	5.5 m	F	IP20	101826	101828	101830
								IPX6	101832	101834	101836
BLRET 3000 PU 5 m	3,000 lm/m	24 VDC	27.7 W/m	108 lm/W	> 95	4.5 m	F	IP20	~	101840	101842
								IPX6	~	101846	101848

BILTON RETAIL is available with UL certification on request.
BILTON RETAIL is available in a 5 or 20 m packaging unit (PU) on a roll.

* Specifications of electrical and photometric parameters: All values are valid in a thermally steady state at 25°C ambient temperature under BILTON LEDON Technology’s standardised measurements environment. Nominal lumen values differ for different light colours. These values can be found in the respective data sheets. All values may have tolerances of +/-15 %.

** Module length at 24 V input voltage on the module and luminous flux drop < 10% over the specified length.



SUPERIOR

BILTON SOL

The BILTON SOL series has a colour rendering index of almost 100 Ra. This means that the quality of light is very close to sunlight and the light seems very natural. This lighting is for applications that require natural light. Developed and produced by BILTON LEDON Technology in Austria.

PRODUCED IN AUSTRIA

5 YEAR GUARANTEE

SEPARABILITY 50 MM

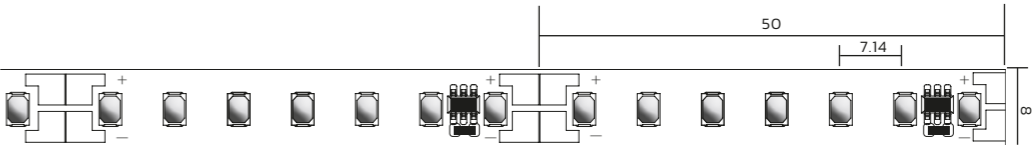
IP20 PROTECTION

FULL SPECTRUM COLOUR RENDERING

L80 B10 60,000 HRS LIFETIME

AREAS OF APPLICATION

For where light should look natural



Name	Luminous flux / m*	Voltage	Power*	Efficiency*	CRI	Module length**	EEK	IP protection	4,000 K
BLSOL PU 5 m	3,000 lm/m	24 VDC	29.0 W/m	103 lm/W	FS	4.0 m	F	IP20	100005

BILTON SOL is available in a 5 m packaging unit (PU) on a roll.

* Specifications of electrical and photometric parameters: All values are valid in a thermally steady state at 25°C ambient temperature under BILTON LEDON Technology’s standardised measurements environment. Nominal lumen values differ for different light colours. These values can be found in the respective data sheets. All values may have tolerances of +/-15 %.

** Module length at 24 V input voltage on the module and luminous flux drop < 10% over the specified length.



PREMIUM

BILTON DTW

With the BILTON DTW series, in addition to dimming the luminous intensity, the colour temperature is simultaneously changed. This results in 3,000 Kelvin at full light power. The further the LED light run is dimmed, the warmer the light colour becomes. It goes down to 1,900 Kelvin. Developed and tested by BILTON LEDON Technology in Austria.

BLT. PROOFED

DOUBLE LAYER

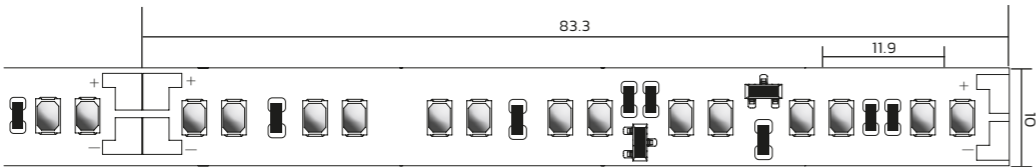
IP20 PROTECTION

L80 B10 60,000 HRS LIFETIME

DIMM TO WARM 1,900 - 3,000 K

AREAS OF APPLICATION

For areas where people want to feel comfortable and a warm light is desired



Name	Luminous flux / m*	Voltage	Power*	Efficiency*	CRI	Module length**	EEK	IP protection	1,900 - 3,000 K
BLDTW PU 5 m	1,000 lm/m	24 VDC	9.9 W/m	109 lm/W	>80	3.0 m	F	IP20	171122

BILTON DTW is available in a 5 m packaging unit (PU) on a roll.

PREMIUM

BILTON ECO PLUS

The new BILTON ECO PLUS series, in contrast to the BL ECO series, uses a transistor circuit for constant luminous flux over the maximum module length. The same LEDs are used as for the BILTON ONE series. In order to produce a uniform light output, they are equipped with 120 LED chips per metre. The LED module is connected via a thermally conductive adhesive tape. Developed and tested by BILTON LEDON Technology in Austria.

PRODUCED IN AUSTRIA

DOUBLE LAYER

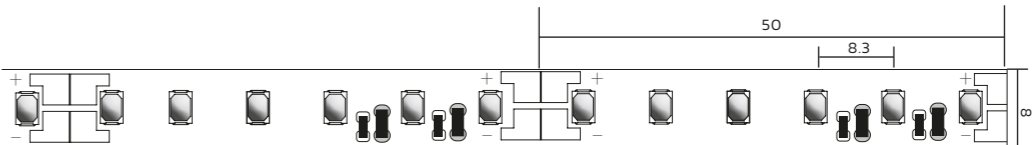
SEPARABILITY 50 MM

IP20 PROTECTION

L80 B50 60,000 HRS LIFETIME

AREAS OF APPLICATION

Applications with focus on the best price/performance ratio and a wide range of luminous flux and light colours



Name	Luminous flux / m*	Voltage	Power*	Efficiency*	CRI	Module length**	EEK	IP protection	2,700 K	3,000 K	4,000 K
BLECP 600 PU 5 m	600 lm/m	24 VDC	5.3 W/m	113 lm/W	> 80	21.5 m	E	IP20	170994	170995	170996
			6.6 W/m	91 lm/W	> 90	18.0 m	F	IP20	171205	171206	171207
BLECP 900 PU 5 m	900 lm/m	24 VDC	8.1 W/m	111 lm/W	> 80	16.0 m	F	IP20	170997	170998	170999
			9.5 W/m	95 lm/W	> 90	13.0 m	F	IP20	171208	171209	171210
BLECP 1300 PU 5 m	1,300 lm/m	24 VDC	12.0 W/m	110 lm/W	> 80	11.5 m	F	IP20	171000	171001	171002
			13.5 W/m	96 lm/W	> 90	10.0 m	F	IP20	171211	171212	171213
BLECP 2000 PU 5 m	2,000 lm/m	24 VDC	18.1 W/m	110 lm/W	> 80	8.0 m	F	IP20	171216	171217	171218

BILTON ECO PLUS is available in a 5 m packaging unit (PU) on a roll.

* Data relating to electrical and photometric measurements: Power data measured after 1 min. at 25° C ambient temperature and a light colour of 3,000 K (+/- 15 %).
** Module length at 24 V input voltage on the module and luminous flux drop < 10% over the specified length.

* Data relating to electrical and photometric measurements: Power data measured after 1 min. at 25° C ambient temperature and a light colour of 4,000 K (+/- 15 %).
** Module length at 24 V input voltage on the module and luminous flux drop < 10% over the specified length.



STANDARD

BILTON TWO

The furniture industry carries out its best work under ideal lighting. The BILTON TWO was developed for this very purpose. With its 12 volts and separability every 2.5 cm, it has been perfectly adapted to this industry. Efficiency has been improved by using the latest generation of LED chips from Europe. Developed and produced by BILTON LEDON Technology in Austria.

PRODUCED IN AUSTRIA

IP20 / IPX6 PROTECTION

5 YEAR GUARANTEE

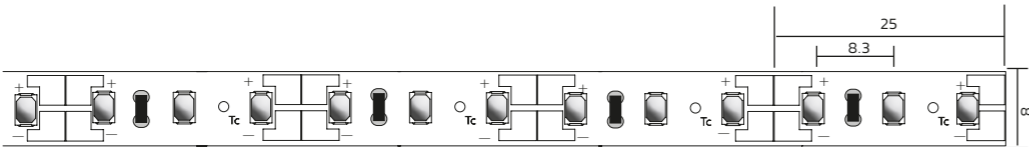
SEPARABILITY 25 MM







12 V VOLTAGE

L80 B10 60,000 HRS LIFETIME

AREAS OF APPLICATION

Due to a voltage class of 12 V especially applicable in the wood industry



Name	Luminous flux / m*	Voltage	Power*	Efficiency*	CRI	Module length**	EEK	IP protection	2,200 K	3,000 K	4,000 K	5,000 K		
BLTWO 300 PU 5 m	300 lm/m	12 VDC	2.4 W/m	125 lm/W	> 80	5.0 m	E	IP20	101713	101714	101715	101746		
								IPX6	101717	101718	101719	101747		
BLTWO 600 PU 5 m	600 lm/m	12 VDC	5.3 W/m	113 lm/W	> 80	4.0 m	F	IP20	101721	101722	101723	101748		
								IPX6	101725	101707	101726	101749		
BLTWO 900 PU 5 m	900 lm/m	12 VDC	8.2 W/m	110 lm/W	> 80	3.0 m	F	IP20	101728	101729	101730	101750		
								IPX6	101732	101733	101734	101751		
BLTWO 1300 PU 5 m	1,300 lm/m	12 VDC	12.0 W/m	108 lm/W	> 80	2.0 m	F	IP20	101736	101737	101738	101752		
								IPX6	101740	101741	101742	101753		
BILTON TWO is available in a 5 metre packaging unit (VPE) on a roll.														

* Data relating to electrical and photometrix measurements: Power data measured after 1 min. at 25° C ambient temperature and a light colour of 4,000 K (+/- 15 %).
** Module length at 24 V input voltage on the module and luminous flux drop < 10% over the specified length.

STANDARD

BILTON ECO

Price sensitive series due to the reduction in LED chips. The BILTON ECO series has been equipped with a double-sided substrate, which allows the LED module to achieve longer cable lengths and better mechanical stability. The detailed product layout, including LED configuration, was developed and is controlled by BILTON LEDON Technology. Quality is also proactively monitored. The LED module is connected via a thermally conductive adhesive tape. Developed and tested by BILTON LEDON Technology in Austria.

BLT. PROOFED

DOUBLE LAYER

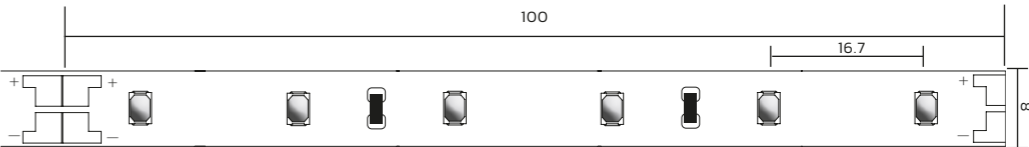
IP20 PROTECTION







SEPARABILITY 100 MM

L80 B10 60,000 HRS LIFETIME

AREAS OF APPLICATION

Applications focusing on the best price-performance ratio



Name	Luminous flux / m*	Voltage	Power*	Efficiency*	CRI	Module length**	EEK	IP protection	2,700 K	3,000 K	4,000 K			
BLECO 250 PU 5 m	250 lm/m	24 VDC	2.0 W/m	125 lm/W	> 80	12.5 m	E	IP20	170811	170812	170813			
BLECO 500 PU 5 m	500 lm/m	24 VDC	4.0 W/m	125 lm/W	> 80	10.0 m	E	IP20	170815	170816	170817			
BLECO 1000 PU 5 m	1,000 lm/m	24 VDC	8.1 W/m	123 lm/W	> 80	6.0 m	E	IP20	170819	170820	170821			
BLECO 1500 PU 5 m	1,500 lm/m	24 VDC	12.6 W/m	119 lm/W	> 80	4.5 m	F	IP20	170823	170824	170825			
BILTON ECO is available in either a 5 or 20 metre packaging unit (VPE) on a roll.														

* Data relating to electrical and photometrix measurements: Power data measured after 1 min. at 25° C ambient temperature and a light colour of 4,000 K (+/- 15 %).
** Module length at 24 V input voltage on the module and luminous flux drop < 10% over the specified length.



STANDARD

BILTON RGB

The BILTON RGB is a flexible linear LED light run for homogeneous coloured light. The dual design allows a choice of different separations, LED numbers and packaging units. The RGB series is available in IP20. Developed and tested by BILTON LEDON Technology in Austria.

DOUBLE LAYER

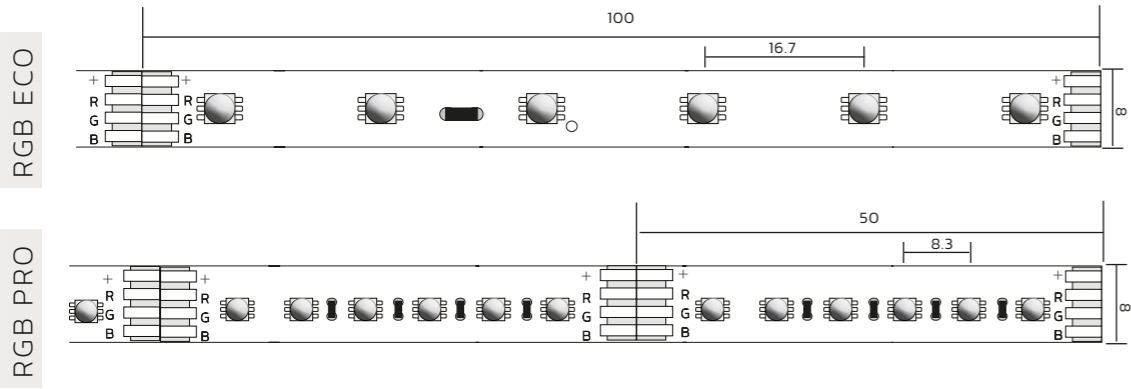
IP20 PROTECTION

L70 B50 36,000 HRS LIFETIME

RGB LEDs

AREAS OF APPLICATION

Effective lighting effects with a powerful colour spectrum
Applications for status lighting in colour: Event lighting



Name	Luminous flux / m*	Voltage	Power*	Efficiency*	CRI	Module length**	EEK	IP protection	RGB
BLRGB ECO PU 5 m	400 lm/m	24 VDC	14.4 W/m	28 lm/W	~	10.0 m	~	IP20	170001
BLRGB PRO PU 5 m	600 lm/m	24 VDC	14.4 W/m	42 lm/W	~	5.0 m	~	IP20	170868

BILTON RGB is available in a 5 metre packaging unit (VPE) on a roll.

* Data relating to electrical and photometrix measurements: Power data measured after 1 min. at 25° C ambient temperature and a light colour of RGB (+/- 15 %)
** Module length at 24 V input voltage on the module and luminous flux drop < 10% over the specified length.

STANDARD

BILTON RGBW

The BILTON RGBW has been developed to combine coloured and white light. In addition to the RGB LEDs, white LEDs are also installed, allowing a room to be illuminated in a pure light in addition to coloured light. Developed and tested by BILTON LEDON Technology in Austria.

RGB & WHITE LEDs

5 YEAR GUARANTEE

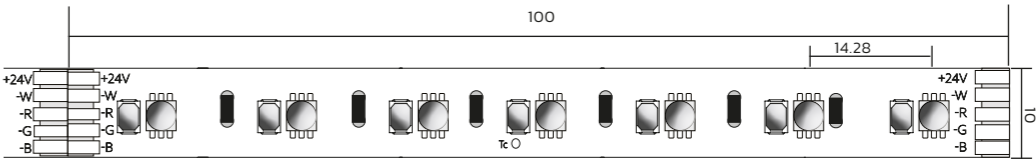
24 V VOLTAGE

IP20 / IP65NA PROTECTION

L70 B50 36,000 HRS LIFETIME

AREAS OF APPLICATION

For applications where coloured and white light is required



Name	Luminous flux / m*	Voltage	Power*	Efficiency*	CRI	Module length**	EEK	IP protection	RGB 2,700 K	RGB 3,000 K
BLRGBW PU 5 m	700 lm/m	24 VDC	7.9 W/m	89 lm/W	> 80	5.0 m	~	IP20	171140	171141
								IP65 NA	171145	171146

BILTON RGBW is available in a 5 metre packaging unit (VPE) on a roll.

* Data relating to electrical and photometrix measurements: Power data measured after 1 min. at 25° C ambient temperature and all channels at 100% (+/-15%)
** Module length at 24 V input voltage on the module and luminous flux drop < 10% over the specified length.



STANDARD

BILTON NNR

The new BILTON NNR series is an LED module in a silicone strip. The unique advantage of this LED light run is that the silicone strip has a round cross-section. As a result, the LED light run shines 360° all around its own axis. The diameter of the silicone tube is 18 mm. Developed and tested by BILTON LEDON Technology in Austria.

✓ BLT. PROOFED

↻ 360° 360° LIGHT

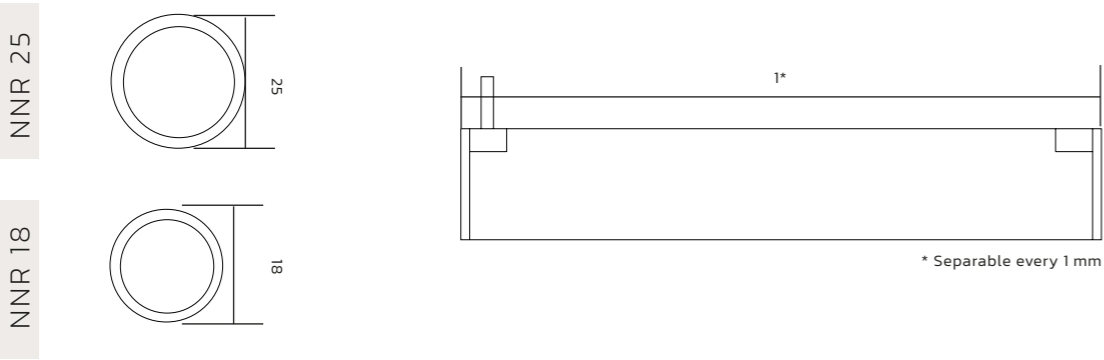
IP65 PROTECTION

✂ SEPARABILITY 1 MM

L80 B50 36,000 HRS LIFETIME








AREAS OF APPLICATION

Applications where the light has to shine 360° around their own axes



Name	Luminous flux / m*	Voltage	Power*	Efficiency*	CRI	Module length**	EEK	IP protection	2,700 K	3,000 K	4,000 K
BLNNR 25 PU 5 m	950 lm/m	24 VDC	14.4 W/m	66 lm/W	> 90	5.0 m	~	IP65	171223	171224	171225
BLNNR 18 PU 5 m	1,000 lm/m	24 VDC	14.4 W/m	69 lm/W	> 90	5.0 m	~	IP65	171226	171227	171228

BILTON NNR is available in a 5 metre packaging unit (VPE) on a roll.





* Data relating to electrical and photometrix measurements: Power data measured after 1 min. at 25° C ambient temperature and a light colour of 4,000 (+/- 15 %)
** Module length at 24 V input voltage on the module and luminous flux drop < 10% over the specified length.




BILTON PROTECTED

The BILTON PROTECTED series has been developed by us to ensure full flexibility in project design for the customer. We producing customised LED modules in a polyurethane encapsulation for high protection ratings. Customised lighting systems: various parameters are available that can be freely selected, e.g. BILTON LED module, version, connection cable, optics and much more. Developed and tested by BILTON in Austria.

**RIGID & FLEXIBLE DESIGN**

**ILLUMINATION TOP OR SIDE**

WATERPROOF AND STABLE UP TO 2 TONS LOAD

**CONFIGURABLE** (LIGHT COLOUR, LUMINOUS FLUX, OPTICS ETC...)

AREAS OF APPLICATION

Application wherever lighting is temporarily or permanently under water:
Facades, ships, bridges, baths, sauna, pools, machines, handrails, floors...

PROTECTION TYPES

- IP67 STANDARD**

The LED module is glued and encapsulated into the profile (STANDARD)
Application: Linar outdoor application
- IP68**

Fully encapsulated LED module, flexible applications
Application: Flexible outdoor application
- IP68 PLUS**

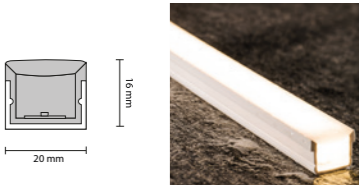
Double encapsulation (Encapsulation compound above and below the LED module)
Application: Under water
- IP68 C**

Double encapsulation with special encapsulation material
Application: Especially resistant to chlorine – swimming pools

We refer to the currently valid standard regarding the chlorine content in swimming pools.

BILTON STREET

The new BILTON STREET series based on a BILTON LED module integrated in a polyurethane tube. As adaptable as waves, the BILTON Street series adapts perfectly to the desired shape of the environment.



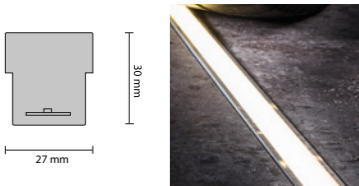
BILTON SNAKE

The new BILTON SNAKE is based on a BILTON LED module integrated into a polyurethane tube. Like a snake, the Snake series adapts to the shape of the environment.



BILTON EXTREM

The new BILTON EXTREM Series is based on a BILTON LED module integrated into a polyurethane tube. Designed for ‘drive over’ applications with a load of up to two tonnes



RA >80 / >90 COLOUR RENDERING


IP67 / IPX68 / IP68+ / IP68 C PROTECTION

SATINED / TRANSPARENT

 **RGB / WHITE / RGBW / TW LEDS**

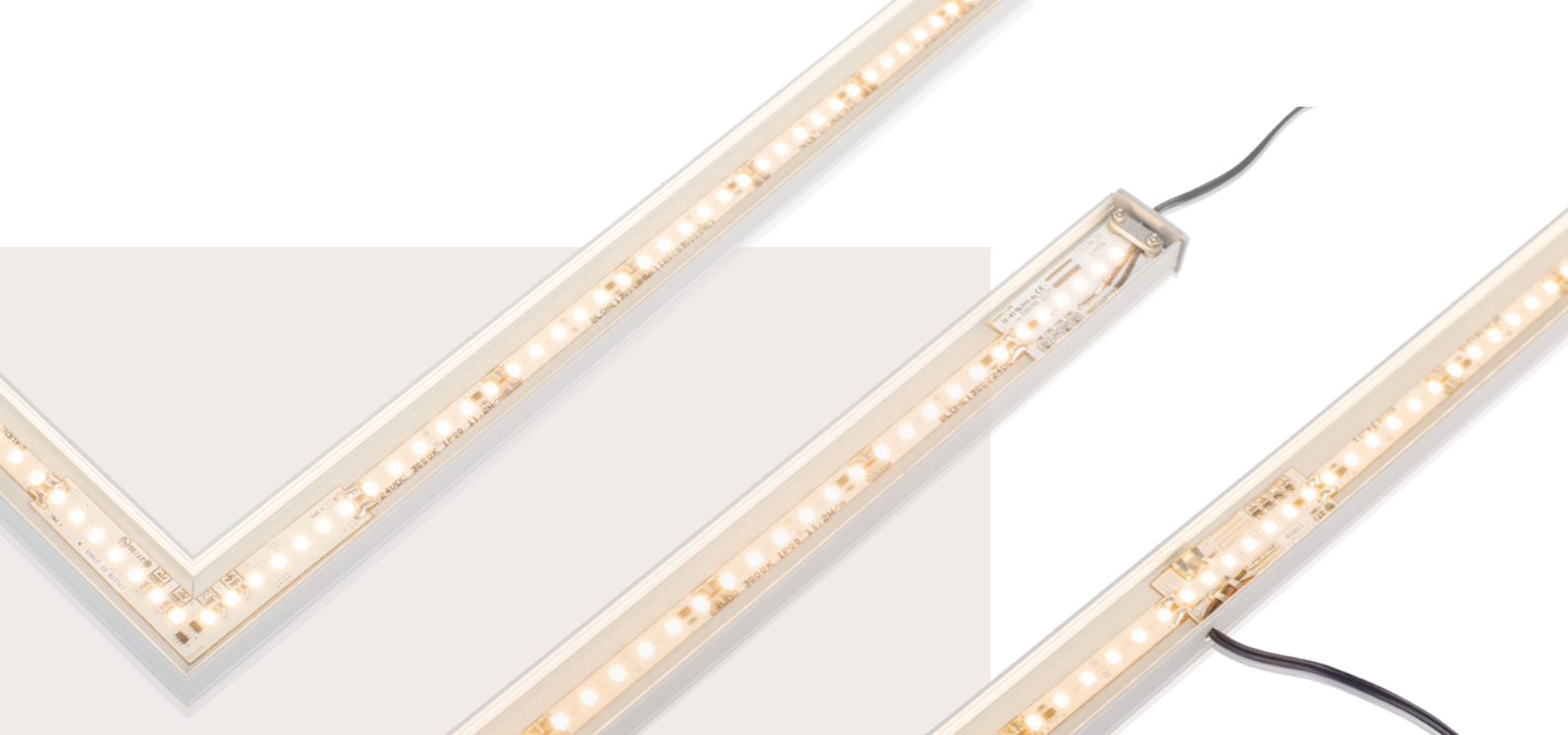
POLYURETHAN

ORDER FORM



Name	Version	LED modules	Optics	Power	Light colour	CRI	IP protection	Article No.
BLSTREET	Rigid / Flexible Illumination upwards	All BILTON LED modules	Satin finished (Standard) / Transparent	max. 15 W/m	White RGB RGBW TW	> 80 > 90	IP67 IP68 IP68+ IP68C	169017
BLSNAKE	Rigid / Flexible Illumination upwards	All BILTON LED modules	Satin finished (Standard) / Transparent	max. 15 W/m	White RGB RGBW TW	> 80 > 90	IP67 IP68 IP68+ IP68C	169017
BLEXTREM	Rigid / Flexible Illumination upwards	All BILTON LED modules	Satin finished (Standard) / Transparent	max. 15 W/m	White RGB RGBW TW	> 80 > 90	IP67 IP68 IP68+ IP68C	169017

Maximum length: depending on LED module up to max. 5 m: Special lengths on request // Minimum length 50 cm (TW: 75 mm) + 30 mm for connection and encapsulation = 80 mm



BILTON SMART CORE

The BILTON Smart Core series is a circuit board with integrated LED chips especially for the BILTON ONE series, designed to make technically dark areas a thing of the past. The additional LED chips on the circuit board serve to ensure that the light does not have any dark zones and as such, its full luminosity is accentuated. With the end feed, the light shines all the way to each end and with the strain relief, the automatic protective device is already attached to the circuit board. The centre feed can be used where the cable is not fed through the end cap. Long cable lengths can also be realised. With the corner connector, lines of light are drawn around 90° corners without interruption.

 **PRODUCED IN AUSTRIA**

IP20 PROTECTION

600 / 1,300 / 2,000 & 3,000 LM/M

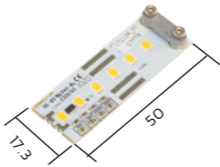
RA >80 / >90 COLOUR RENDERING

Name	Luminous flux / m*	Voltage	IP protection	CRI	3,000 K	4,000 K
BLSMC FED End Feed	600 lm/m 1,300 lm/m 2,000 lm/m 3,000 lm/m	24 VDC	IP20	> 80	171136	171137
				> 90	171138	171139
BLSMC MID Middle Feed	600 lm/m 1,300 lm/m 2,000 lm/m 3,000 lm/m	24 VDC	IP20	> 80	171131	171132
				> 90	171133	171134
BLSMC CRN Corner Connector	600 lm/m 1,300 lm/m 2,000 lm/m 3,000 lm/m	24 VDC	IP20	> 80	171078	171129
				> 90	171079	171130

Compatible with the BILTON ONE series
* With the Smart Core corner connector, a corner line connector must be used. Please contact the Customer Service Centre.

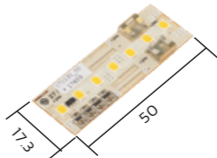
END FEED

For illumination to the end and the beginning



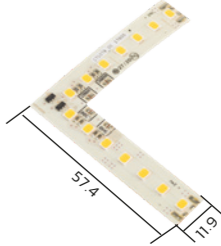
MIDDLE FEED

Used where the cable cannot be passed through the end cap



CORNER CONNECTOR

Line of light without interruption around 90° corners





LED MODULE ASSEMBLING

LUMINAIRE COMPONENTS WITH THE RIGHT DIMENSIONS



PRE- & X-LINE ASSEMBLING

Would you like the individual components to be delivered directly with the correct dimensions? No problem! We supply everything so that you can install your desired luminaire within 5 minutes. It's that simple: 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, surface-mounted or recessed. Finally, indicate the desired number of pieces.

LED MODULE SELECTION OPTIONS	Article No.
Pre-assembly LED module: IPX6 made to measure incl. 20 cm connection cable	169001
Pre-assembly LED module: IPX6 made to measure, incl. 20 cm connection cable	169002
X-line assembly Profile, LED module (IPOO and IP20 and IPX6) and cover made to measure	190000*
* X-line configuration up to max. 2 metres possible. Special lengths and special designs are available on request.	



BILTON PROTECTED



We produce customised LED modules in a polyurethane encapsulation for high protection ratings. Pre-assembled lighting systems according to customer requirements. Various parameters are available that can be freely selected, such as the BILTON LED module, version, connection cable, optics and much more.

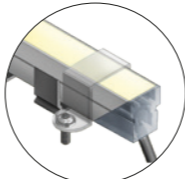
BILTON PROTECTED	Article No.
Configuration BILTON PROTECTED	169017
Because the BILTON PROTECTED series can be configured in so many ways, there is a separate order form for this series. Fill it out with the desired parameters and have the finished product delivered. You can find more information at www.bltechnology.eu	



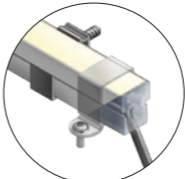
CONFIGURATION BILTON AIR

The BILTON AIR and the BILTON PROTECTED series have the advantage of being easy to install – without having to assemble the LED modules. BILTON supplies everything you need to assemble your BILTONAIR or BILTON PROTECTED LED luminaire within 5 minutes. And it's as easy as that: Choose the product you want and tell us in what version you want it in: Satin finish or transparent. Then we need to know where you want the cable outlet and how many you need. That's all and you'll receive the ready-configured BILTONAIR products!

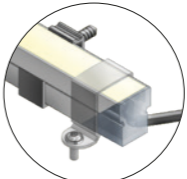
BILTON AIR selection option	Article No.
Configuration BILTON AIR TOP (bottom outlet)	169004
Configuration BILTON AIR SIDE (bottom outlet)	169005
Configuration BILTON AIR SIDE (rear outlet)	169006
Configuration BILTON AIR TOP RGB (front outlet)	169007
Configuration BILTON AIR SIDE RGB (front outlet)	169008
Configuration BILTON AIR TOP PLUS (bottom outlet)	169014
Configuration BILTON AIR SIDE PLUS (bottom outlet)	169015
Configuration BILTON AIR SIDE PLUS (rear outlet)	169016
Configuration BILTON AIR SLIM IP54 transparent satin finish	169012 169013
Configuration BILTON AIR SLIM IP67 transparent satin finish	169009 169010
* Configuration up to max. 2 metres possible. Special lengths and custom designs on request.	



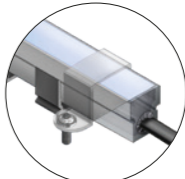
AIR TOP
(BOTTOM OUTLET)



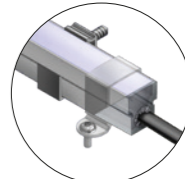
AIR SIDE
(BOTTOM OUTLET)



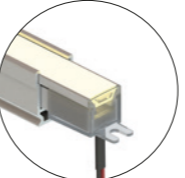
AIR SIDE
(REAR OUTLET)



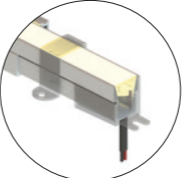
AIR TOP RGB
(FRONT OUTLET)



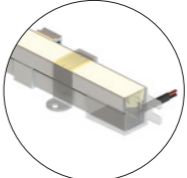
AIR SIDE RGB
(FRONT OUTLET)



AIR TOP PLUS
(BOTTOM OUTLET)



AIR SIDE PLUS
(BOTTOM OUTLET)



AIR SIDE PLUS
(REAR OUTLET)



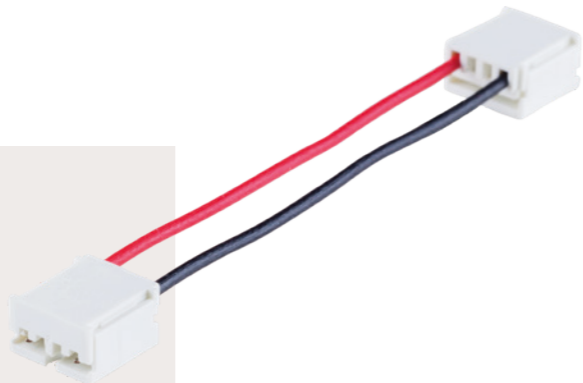
AIR SLIM IP54
(TRANSPARENT / SATINED)



AIR SLIM IP67
(TRANSPARENT / SATINED)

LED MODULE ACCESSORIES

Do you want to simply connect LED modules without tedious soldering? No problem! 2-pole connectors are suitable for single colour modules. 4-pole connectors are required for multicolour versions (RGB, TW). The connector can be used for power supply feeds or for connecting two LED modules. Making efficient and intuitive contact on the construction site.



LED MODULE MAKING CONTACT

Accessories for X-Line configuration	Article No.	
Flexible sheathed cable 2 x 0.5 mm²	300411	
Flexible sheathed cable 4 x 0.5 mm²	300412	
Cable holder with adhesive base	301113	



FEEDER

Feeders are the easiest way to connect LED modules to power supplies.

CONNECTOR

Connectors are suitable for connecting LED modules to each other in a simple way. With one click you get a safe and reliable power transmission.

PLUG-IN CONNECTOR

Now also in the range „female“ and „male“ connectors: This enables even faster and easier handling when connecting.

Name	Polarity	Current carrying capacity	IP protection	Length	Article No.	
Direct connector	2-/4-pole	~	IP20	~	170150	
Feeder	2-pole	5 A / channel	IP20	500 mm 2,000 mm*	170152 170153	
Feeder	4-pole	2,5 A / channel	IP20	500 mm 2,000 mm	170111 170867	
Connector	2-pole	5 A / channel	IP20	50 mm 500 mm*	170144 170145	
Connector	4-pole	2,5 A / channel	IP20	50 mm 500 mm 2,000 mm	170120 170121 170866	
Female connector	2-pole	3 A / channel	IP67	5,000 mm*	171151	
Female connector	4-pole	1 A / channel	IP67	5,000 mm*	171152	
Male connector	2-pole	3 A / channel	IP67	500 mm*	171154	
Male connector	4-pole	1 A / channel	IP67	500 mm*	171155	

* incl. sheathed cable

LIGHT

ACCESSORIES

LIGHTING ACCESSORIES LED MODULES

VERSATILE IN APPLICATION

Lighting accessories make it simple for us to create the ideal lighting solution for your requirements. Various shaped profiles, the matching covers and the supplementary accessories enable an unimaginable wide range of applications.

PROFILES

Aluminium profiles in various designs: Surface-mounted, recessed, suspended profiles and much more

COVERS

Satin finished, transparent, straight, U-shaped or lenticular – we offer a wide range of covers

END CAPS

The matching end cap is available for each possible combination

MOUNTING MATERIAL

Thanks to the wide range of mounting materials, the profiles can be used for any type of mounting



Perfectly matched to BILTON LED modules

22

Different
profiles

∞

Infinite
possibilities

22

Covers
and lenses

LED MODULE / PROFILES MATRIX

[illegible]



XT SERIES

The BILTON XT series consists of three profiles and six covers, all of which can be used together. Due to the wide range of mounting accessories and the compatibility of BILTON LED modules, the XT series can be used for any application.

SUITABLE FOR LED MODULES UP TO 29 WATT

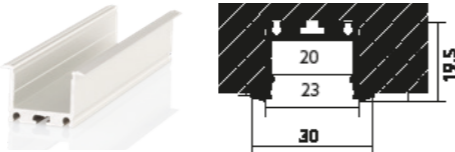
SIX COVERS IN A WIDE RANGE OF VARIANTS

PENDANT, RECESSED, NICHE, WALL, FLEXIBLE LUMINAIRE...

INSTALLATION PROFILE XT01

Name	Dimensions (W x H in mm)	Surface	Watt/m	Article No.
Installation profile XT01	30 x 19.5	Anodised aluminium	29 W	170252

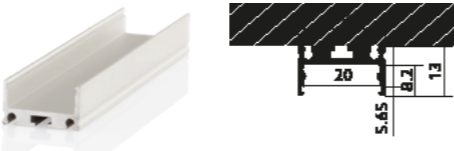
The XT01 installation profile is available in black on request.



SURFACE-MOUNTED PROFILE XT02

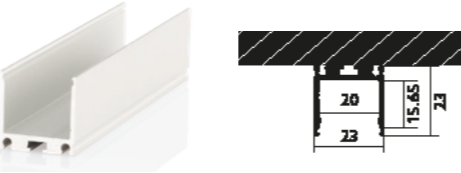
Name	Dimensions (W x H in mm)	Surface	Watt/m	Article No.
Surface-mounted profile XT02	23 x 13	Anodised aluminium	29 W	170253

The XT02 surface-mounted profile is available in black on request.



SURFACE-MOUNTED PROFILE XT03

Name	Dimensions (W x H in mm)	Surface	Watt/m	Article No.
Surface-mounted profile XT03	23 x 23	Anodised aluminium	29 W	170254



U-SHAPED COVER SX03

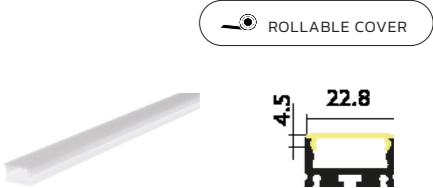
Name	Dimensions (W x H in mm)	Transmittance	Article No.
U-shaped cover SX03	23 x 13.37	59 %	170369



ROLLABLE SATIN FINISHED COVER SX07

Name	Dimensions (W x H in mm)	Transmittance	Article No.
Satin finish cover SX07	22.8 x 4.5	57 %	171027

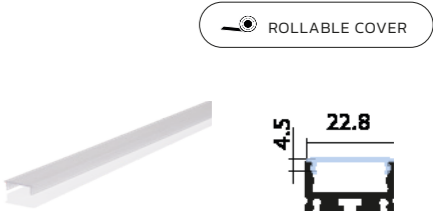
Cover is available on a 30 metre roll



ROLLABLE TRANSPARENT COVER SX08

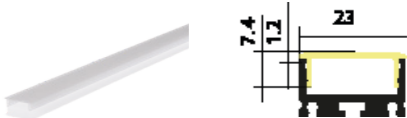
Name	Dimensions (W x H in mm)	Transmittance	Article No.
Transparent Cover SX08	22.8 x 4.5	92 %	171028

Cover is available on a 30 metre roll



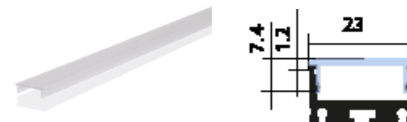
SATIN FINISHED COVER SX09

Name	Dimensions (W x H in mm)	Transmittance	Article No.
Satin finish cover SX09	23 x 7.4	57 %	170402



TRANSPARENT COVER SX10

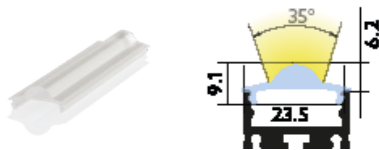
Name	Dimensions (W x H in mm)	Transmittance	Article No.
Transparent cover SX10	23 x 7.4	85 %	170403



LINEAR LENSE SX30**

Name	Dimensions (W x H in mm)	Transmittance	Article No.
Linear lense SX30	23.5 x 9.1	72 %	170370

Note: Slide the lenses in, do not press them in



* Standard length 2 metres // Unit lengths of up to 6 metres are possible on request // Increased shipping costs may apply for profile lengths of 2 metres or more.
Please note that cutting tolerances of +/- 2 mm may occur.

** Linear lenses and asymmetrical linear lenses are not suitable for combination with RGB or TW modules.

XT SERIES

MOUNTING FOR SUSPENDED, PIVOTING AND FIXED LUMINAIRES

MATERIALS IN STEEL, STAINLESS STEEL AND PLASTIC

MOUNTING MATERIAL

Name	Dimensions (W x H x L in mm)	Article No.
Rope suspension XTA2	Ø 6 x 2,000	170454
Installation spring XTC2	215 x 15 x 40	170455
Bracket XTC4	10 x 14 x 14.5	170456
Mounting clip XTC5	245 x 7.4 x 10	170457
Mounting magnet XTM1	20 x 6 x 20	170458
Swivel mounting YTC8	30 x 28 x 30	170469

END CAPS

Name	Profiles Cover	Dimensions (W x H x L in mm)	Article No.
End cap XT001	XT01 // SX09 / SX10	30 x 21 x 6.2	170599
End cap XT002	XT02 // SX09 / SX10	23 x 14 x 2	170527
End cap XT030	XT03 // SX09 / SX10	25 x 23 x 2	170597
End cap XT00U-E	XT01 // SX03	30 x 30 x 8	170453
End cap XT00U	XT02 // SX03	23 x 23.5 x 7	170452
End cap XT003U	XT03 // SX03	23 x 33.5 x 7	170450



Article No.	Watt/m	Assembly	Mounting clip	Bracket/ Swivel fastening	Cable/ Installation Clip	Magnet/ Line connector		Cover	End cap	U-shaped cover	End cap	Lense	End cap
XT01 // 170252	29 W	Installation profile	XTC5 // 170457	XTC4 // 170456 YTC8 // 170469	XTC2 // 170455	XTM1 // 170458		SX07 // 171027 SX08 // 171028 SX09 // 170402 SX10 // 170403	XT001 // 170599	SX03 // 170369	XT00U-E // 170453	SX30 // 170370	~
XT02 // 170253	29 W	Surface-mounted profile	XTC5 // 170457	XTC4 // 170456 YTC8 // 170469	~	XTM1 // 170458		SX07 // 171027 SX08 // 171028 SX09 // 170402 SX10 // 170403	XT002 // 170527	SX03 // 170369	XT00U // 170452	SX30 // 170370	~
XT03 // 170254	29 W	Surface-mounted profile	XTC5 // 170457	XTC4 // 170456 YTC8 // 170469	XTA2 // 170454	XTM1 // 170458		SX07 // 171027 SX08 // 171028 SX09 // 170402 SX10 // 170403	XT030 // 170597	SX03 // 170369	XT003U // 170450	SX30 // 170370	~

YT SERIES

The YT series is the most comprehensive series in the BILTON LEDON Technology range. With a total of 8 different designs, individual lighting solutions can be implemented in addition to standard applications. These include: flush, surface-mounted, wall-mounted, corner, suspended and niche profiles – with 4 different covers available.

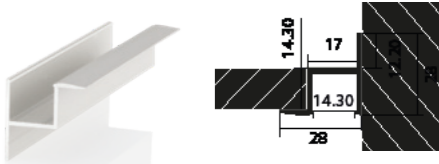
THE MOST VERSATILE OF ALL PROFILE SERIES

FOUR COVERS, ONE OF WHICH IS BLACK

PENDANT, RECESSED, NICHE, WALL, FLEXIBLE LUMINAIRE ...

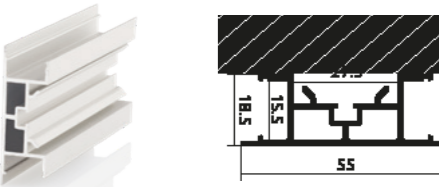
WALL CORNER PROFILE YT05

Name	Dimensions (W x H in mm)	Surface	Watt/m	Article No.
Wall corner profile YT05	28 x 26	Anodised aluminium	20 W	170258



WALL PROFILE YT06

Name	Dimensions (W x H in mm)	Surface	Watt/m	Article No.
Wall profile YT06	18.5 x 55	Anodised aluminium	2 x 25 W	170259



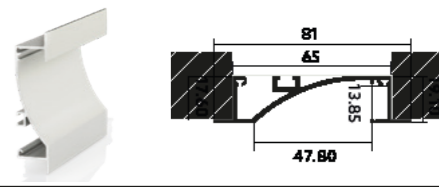
SUSPENSION PROFILE YT07

Name	Dimensions (W x H in mm)	Surface	Watt/m	Article No.
Suspension profile YT07	17.5 x 25	Anodised aluminium	20 W	170260



NICHE PROFILE YT08

Name	Dimensions (W x H in mm)	Surface	Watt/m	Article No.
Niche profile YT08	17.5 x 81	Anodised aluminium	30 W	170261



FLEXIBLE PROFILE YT09

Name	Dimensions (W x H in mm)	Surface	Watt/m	Article No.
Flexible profile YT09	17.5 x 12.5	Anodised aluminium	12 W	170262

Cannot be combined with any cover



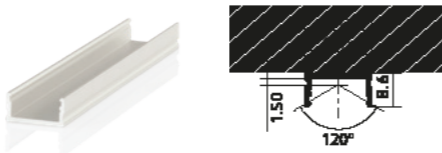
INSTALLATION PROFILE YT01

Name	Dimensions (W x H in mm)	Surface	Watt/m	Article No.
Installation profile YT01	24.5 x 9	Anodised aluminium	12 W	170255



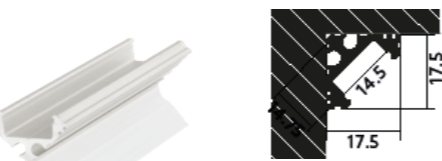
SURFACE-MOUNTED PROFILE YT02

Name	Dimensions (W x H in mm)	Surface	Watt/m	Article No.
Surface-mounted profile YT02	17.5 x 8.6	Anodised aluminium	12 W	170256



CORNER PROFILE YT04

Name	Dimensions (W x H in mm)	Surface	Watt/m	Article No.
Corner profile YT04	17.5 x 17.5	Anodised aluminium	14 W	170257



* Standard length 2 metres // Unit lengths of up to 6 metres are possible on request // Increased shipping costs may apply for profile lengths of 2 metres or more.
Please note that cutting tolerances of +/- 2 mm may occur.

YT SERIES

BLACK COVER - PERFECT FOR FURNITURE MAKING

MATCHING, COORDINATED MOUNTING MATERIAL

COVERS

SATIN FINISHED COVER YX01

Name	Dimensions (W x H in mm)	Transmittance	Article No.
Satin finish cover YX01	17.3 x 3.2	58 %	170374



TRANSPARENT COVER YX02

Name	Dimensions (W x H in mm)	Transmittance	Article No.
Transparent cover YX02	17.3 x 3.2	88 %	170375



U SHAPED COVER YX03

Name	Dimensions (W x H in mm)	Transmittance	Article No.
U-shaped cover YX03	17.5 x 9.5	65 %	170376



BLACK COVER YX04

Name	Dimensions (W x H in mm)	Transmittance	Article No.
Black cover YX04	17.3 x 3.2	18 %	171074



MOUNTING MATERIAL

Name	Dimensions (W x H x L in mm)	Article No.
Mounting clip YTC5	19.5 x 7.5 x 10	170468
Magnetic tape YTM5	10 x 1.2 x 1.000	170470
Mounting clip XTC5	24.5 x 7.4 x 10	170457
Rope suspension XTA2	Ø 6 x 2,000	170454
Swivel mount YTC8	30 x 28 x 30	170469
Line connector 6 x 3 YTV1	6 x 3.5 x 50	170471
Installation spring YTC2	63.2 x 8 x 20	170467

END CAPS

Name	Profiles Cover	Dimensions (W x H x L in mm)	Article No.
End cap YT00E-A	YT01 // YX01/YX02	24.5 x 9.5 x 7.5	170464
End cap YT00U-A	YT02 // YX03	17.5 x 16.1 x 4.5	170465
End cap YT00	YT02 // YX01/YX02	17.5 x 9.6 x 6.5	170459
End cap YT004	YT04 // YX01/YX02	17.5 x 17.5 x 4.5	170460
End cap YT006	YT06 // YX01/YX02	18.5 x 5.5 x 6.5	170461
End cap YT007	YT07 // YX01/YX02	17.5 x 2.6 x 5.5	170462
End cap YT008	YT08 // YX01/YX02	81 x 19.1 x 1.5	170463

Article No.	Watt/m	Assembly	Mounting clip	Bracket/ Swivel fastening	Cable/ Installation Clip	Magnet/ Line connector		Cover	End cap	Cover	End cap	U-shaped cover	End cap
YT01 // 170255	12 W	Installation profile	YTC5 // 170468	~	~	YTM5 // 170470		YX01 // 170374 YX02 // 170375	YT00E-A // 170464	YX04 // 171074	YT00E-A // 170464	YX03 // 170376	~
YT02 // 170256	12 W	Surface-mounted profile	YTC5 // 170468	~	~	YTM5 // 170470		YX01 // 170374 YX02 // 170375	YT00 // 170459	YX04 // 171074	YT00 // 170459	YX03 // 170376	YT00U-A // 170465
YT04 // 170257	14 W	Corner profile	YTC5 // 170468	~	~	~		YX01 // 170374 YX02 // 170375	YT004 // 170460	YX04 // 171074	YT004 // 170460	YX03 // 170376	~
YT05 // 170258	20 W	Wall corner profile	~	~	~	YTM5 // 170470		YX01 // 170374 YX02 // 170375	~	YX04 // 171074	~	YX03 // 170376	~
YT06 // 170259	2 x 25 W	Wall profile	XTC5 // 170457	YTC8 // 170469	~	YTV1 // 170471		YX01 // 170374 YX02 // 170375	YT006 // 170461	YX04 // 171074	YT006 // 170461	YX03 // 170376	~
YT07 // 170260	20 W	Suspension profile	YTC5 // 170468	YTC8 // 170469	XTA2 // 170454	YTV1 // 170471		YX01 // 170374 YX02 // 170375	YT007 // 170462	YX04 // 171074	YT007 // 170462	YX03 // 170376	~
YT08 // 170261	30 W	Niche profile	~	~	YTC2 // 170467	YTV1 // 170471		YX01 // 170374 YX02 // 170375	YT008 // 170463	YX04 // 171074	YT008 // 170463	~	~
YT09 // 170262	12 W	Flexible profile	~	~	~	YTV1 // 170471		~	~	~	~	~	~



CT SERIES

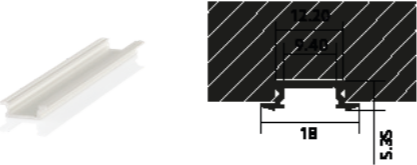
The BILTON CT profile series was created especially for the furniture industry. Because of the narrow design, the profiles can be integrated into pieces of wood without any problems. The correct LED light run is available to match: BILTON TWO with 12 V and a narrow separability of only 2.5 cm.

NARROWEST INSTALLATION AND MOUNTING PROFILE

PROFILE IS ESPECIALLY MADE FOR THE WARDROBE

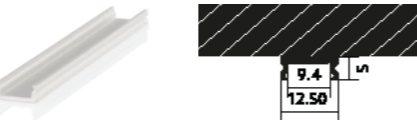
INSTALLATION PROFILE CT01

Name	Dimensions (W x H in mm)	Surface	Watt/m	Article No.
Installation profile CT01	18 x 5.35	Anodised aluminium	10 W	170239



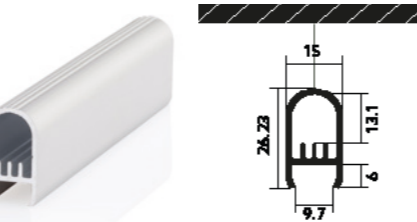
SURFACE-MOUNTED PROFILE CT02

Name	Dimensions (W x H in mm)	Surface	Watt/m	Article No.
Surface-mounted profile CT02	12.5 x 5	Anodised aluminium	10 W	170240



WARDROBE PROFILE CT06

Name	Dimensions (W x H in mm)	Surface	Watt/m	Article No.
Wardrobe profile CT06	15 x 26.23	Anodised aluminium	28 W	170241



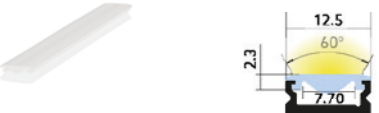
U SHAPED COVER CX03

Name	Dimensions (W x H in mm)	Transmittance	Article No.
U-shaped cover CX03	12.5 x 8.8	67 %	170364



LINEAR LENSE CX05**

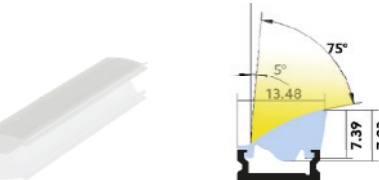
Name	Dimensions (W x H in mm)	Transmittance	Article No.
Linear lense CX05	12,5 x 2,3	83 %	170365



Note: Slide the lenses in, do not press them in

ASYMMETRIC LINEAR LENSE CX06**

Name	Dimensions (W x H in mm)	Transmittance	Article No.
Asym. linear lense CX06	13,48 x 7,93	86 %	170366



Note: Slide the lenses in, do not press them in

MOUNTING MATERIAL

Name	Dimensions (W x H x L in mm)	Article No.
Mounting clip CTC5	14.4 x 7.5 x 10	170442
Magnetic tape YTM5	10 x 12 x 1,000	170470
Oval support tube CT006-AF	12.4 x 18 x 44	170438
Centre support CT006-MT	17.5 x 21.5 x 92	170439

END CAPS

Name	Profiles Cover	Dimensions (W x H x L in mm)	Article No.
End cap CT00E-A	CT01 // CX05	18 x 6 x 7.25	170440
End cap CT00	CT02 // CX05	12.5 x 6 x 4	170436
End cap CT00U-A	CT02 // CX03	12.5 x 12.5 x 4	170441
End cap CT006	CT06 // CX05	15 x 27 x 6	170437

Article No.	Watt/m	Assembly	Mounting clip	Bracket/ Swivel fastening	Magnet/ Line connector	U-shaped cover	End cap	Lense	End cap	Asymmetric lense	End cap
CT01 // 170239	10 W	Installation profile	CTC5 // 170442	~	YTM5 // 170470	CX03 // 170364	-	CX05 // 170365	CT00E-A // 170440	CX06 // 170366	~
CT02 // 170240	10 W	Surface-mounted profile	CTC5 // 170442	~	YTM5 // 170470	CX03 // 170364	CT00U-A // 170441	CX05 // 170365	CT00 // 170436	CX06 // 170366	~
CT06 // 170241	28 W	Wardrobe profile	~	CT006-AF // 170438 CT006-MT // 170439	~	CX03 // 170364	-	CX05 // 170365	CT006 // 170437	CX06 // 170366	~

* Standard length 2 metres // Unit lengths of up to 6 metres are possible on request // Increased shipping costs may apply for profile lengths of 2 metres or more.
Please note that cutting tolerances of +/- 2 mm may occur.

** Linear lenses and asymmetrical linear lenses are not suitable for combination with RGB or TW modules.



Image picture

MT SERIES

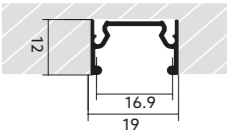
The MT02 profile has been specially developed for furniture construction. Despite the low height, a homogeneous line of light can be guaranteed. The profile was developed in such a way that it has a maximum height of 13 mm including cover and mounting clip. The profile can be easily installed into the groove of the wood by means of the mounting clip.

FURNITURE CONSTRUCTION PROFILE

13 MM TOTAL HEIGHT

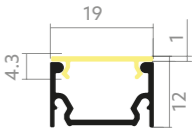
SURFACE-MOUNTED PROFILE MT02

Name	Dimensions (W x H in mm)	Surface	Watt/m	Article No.
Surface-mounted profile MT02	19.0 x 12.0	Anodised aluminium	15 W	171239



SATIN FINISHED COVER MX01

Name	Dimensions (W x H in mm)	Transmittance	Article No.
Satin finished cover MX01	19.0 x 4.3	57 %	171243



MOUNTING MATERIAL

Name	Dimensions (W x H x L in mm)	Article No.
Mounting clip MTC5	14 x 5 x 24	171250



END CAPS

Name	Profiles Cover	Dimensions (W x H x L in mm)	Article No.
End cap MT00	MT02 // MX01	18,9 x 11,9 x 4,5	171247



Article No.	Watt/m	Assembly	Mounting clip	Magnet/ Line connector	Lense	End cap
MT02 // 171239	15 W	Surface-mounted profile	MTC5 // 171250	~	MX01 // 171243	MT00 // 171247

* Standard length 2 metres // Unit lengths of up to 6 metres are possible on request // Increased shipping costs may apply for profile lengths of 2 metres or more.
Please note that cutting tolerances of +/- 2 mm may occur.

VT SERIES

The VT series is a profile with a round cover. It has been specially developed as a suspended light unit, but can also be mounted on the wall using a bracket or a swivel mounting. The BILTON VT series consists of 1 aluminium profile and 1 cover. The surface is made of anodised aluminium.

- ANODISED ALUMINIUM
- SWIVEL AND FIXED LUMINAIRE

SUSPENSION PROFILE VT01

Name	Dimensions (W x H in mm)	Surface	Watt/m	Article No.
Suspension profile VT01	12.68 x 6.26	Anodised aluminium	19 W	170250



TUBE COVER VX01

Name	Dimensions (W x H in mm)	Transmittance	Article No.
Tube cover VX01	8.67 x Ø 21	66 %	170372



MOUNTING MATERIAL

Name	Dimensions (W x H x L in mm)	Article No.	
Swivel mounting YTC8	30 x 28 x 30	170469	
Line connector 6 x 3 YTV1	6 x 35 x 50	170471	
Mounting clip VTC1 (XTC5 mounting clip included)	14.4 x 11 x 10.5	170446	
Rope suspension XTA2	Ø 6 x 2,000	170454	

END CAPS

Name	Profiles Cover	Dimensions (W x H x L in mm)	Article No.
End cap VT001	VT01 // VX01	21 x 7.5 x 21	170445

Article No.	Watt/m	Assembly	Mounting clip	Pivot	Suspension	Line connector	Lense	End cap
VT01 // 170250	19 W	Suspension profile	VTC1 // 170446	YTC8 // 170469	XTA2 // 170454	YTV1 // 170471	VX01 // 170372	VT001 // 170445

* Standard length 2 metres // Unit lengths of up to 6 metres are possible on request // Increased shipping costs may apply for profile lengths of 2 metres or more. Please note that cutting tolerances of +/- 2 mm may occur.

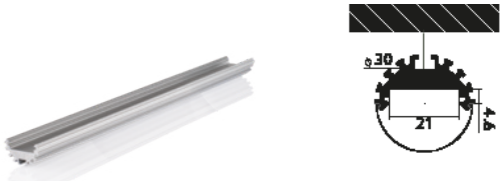
RT SERIES

Similar to the VT profile, the RT profile is also a profile with a round cover. However, the RT series impresses with its larger design, allowing higher lumen LED modules to be installed. The RT series can be mounted on the wall with a bracket, swivel mount or clip.

- SUITABLE FOR HIGH LUMEN LED MODULES
- ANGLE, SWIVEL OR CLIP MOUNTING

SUSPENSION PROFILE RT01

Name	Dimensions (W x H in mm)	Surface	Watt/m	Article No.
Suspension profile RT01	4.6 x Ø 30	Anodised aluminium	35 W	170682



TUBE COVER RX01

Name	Dimensions (W x H in mm)	Transmittance	Article No.
Tube cover RX01	15 x Ø 30	66 %	170727



MOUNTING MATERIAL

Name	Dimensions (W x H x L in mm)	Article No.	
Rope suspension XTA2	Ø 6 x 2,000	170454	
Swivel mounting YTC8	30 x 28 x 30	170469	
Mounting clip RTC1	12 x 30 x 40	170702	
Bracket XTC4	10 x 14 x 14.5	170456	
Line connector 6 x 3 YTV1	6 x 35 x 50	170471	

END CAPS

Name	Profiles Cover	Dimensions (W x H x L in mm)	Article No.
End cap RT001	RT01 // RX01	Ø 32 x 14 mm	170628
End cap RT001B	RT01 // RX01	Ø 32 x 14 mm	170631

Article No.	Watt/m	Assembly	Mounting clip	Pivot	Suspension	Line connector	Lense	End cap
RT01 // 170682	35 W	Suspension profile	RTC1 // 170702	YTC8 // 170469 XTC4 // 170456	XTA2 // 170454	YTV1 // 170471	RX01 // 170727	RT001 // 170628 RT001B // 170631

* Standard length 2 metres // Unit lengths of up to 6 metres are possible on request // Increased shipping costs may apply for profile lengths of 2 metres or more. Please note that cutting tolerances of +/- 2 mm may occur.



WT SERIES

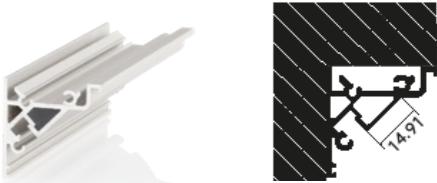
The WT02 corner profile provides the perfect illumination from the corner, thereby putting the illuminated objects in the foreground. Thanks to the symmetrical illumination from the two sides, the profile is not visible when installed – ideal for architectural highlights.

ANODISED ALUMINIUM

CORNER LUMINAIRE

CORNER PROFILE WT02

Name	Dimensions (W x H in mm)	Surface	Watt/m	Article No.
Corner profile WT02	341 x 34.03	Anodised aluminium	30 W	170251



L-SHAPED COVER WX01

Name	Dimensions (W x H in mm)	Transmittance	Article No.
L-shaped cover WX01	32.5 x 32.5	73 %	170373



MOUNTING MATERIAL

Name	Dimensions (W x H x L in mm)	Article No.
Mounting clip XTC5	24.5 x 7.4 x 10	170457
Line connector 6 x 3 YTV1	6 x 3.5 x 50	170471

END CAPS

Name	Profiles Cover	Dimensions (W x H x L in mm)	Article No.
End cap WT00	34 x 34 x 7.5	WT02 // WX01	170447

Article No.	Watt/m	Assembly	Mounting clip	Line connector	Lense	End cap
WT02 // 170251	30 W	Corner profile	XTC5 // 170457	YTV1 // 170471	WX01 // 170373	WT00 // 170447

* Standard length 2 metres // Unit lengths of up to 6 metres are possible on request // Increased shipping costs may apply for profile lengths of 2 metres or more. Please note that cutting tolerances of +/- 2 mm may occur.

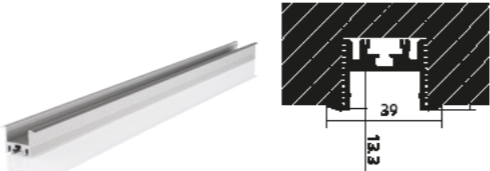
HT SERIES

The HT series ensures the use of high lumen strips and is available in two versions – recessed and surface mounted. The BILTON HT series consists of 2 aluminium profiles and 2 covers. The surface is made of anodised aluminium

- 35 WATT PER METER
- HANGING, PIVOTING, MOUNTING LUMINAIRE

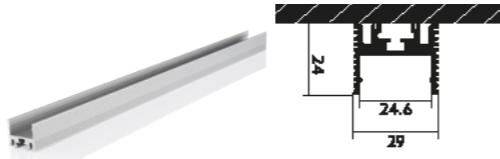
INSTALLATION PROFILE HT01

Name	Dimensions (W x H in mm)	Surface	Watt/m	Article No.
Installation profile HT01	39 x 24.4	Anodised aluminium	35 W	170690



SURFACE-MOUNTED PROFILE HT02

Name	Dimensions (W x H in mm)	Surface	Watt/m	Article No.
Surface-mounted profile HT02	29 x 24	Anodised aluminium	35 W	170686



SATIN FINISHED COVER HX10

Name	Dimensions (W x H in mm)	Transmittance	Article No.
Satin finished cover HX10	29 x 7.43	57 %	170723



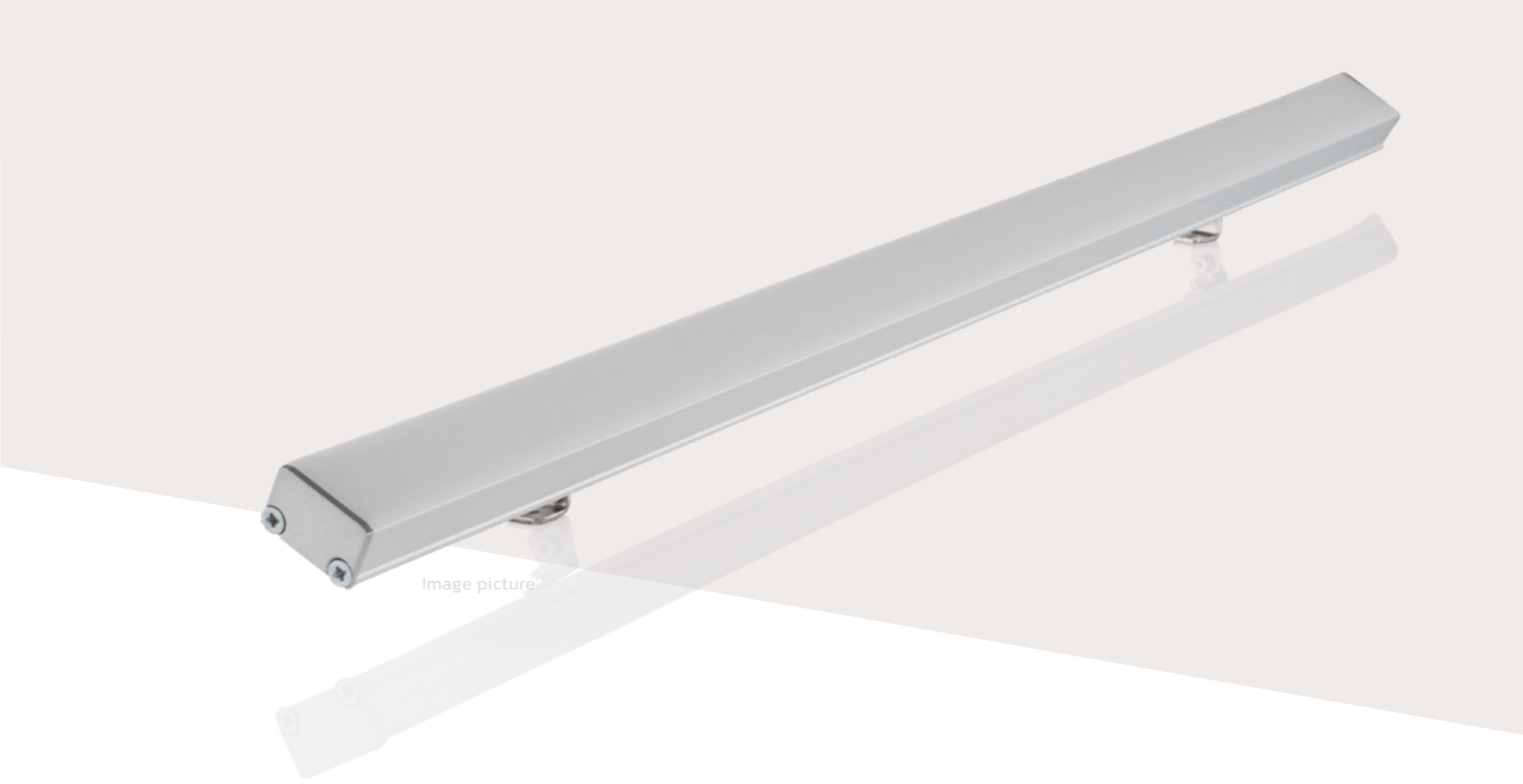
TRANSPARENT COVER HX09

Name	Dimensions (W x H in mm)	Transmittance	Article No.
Transparent cover HX09	29 x 7.43	85 %	170703



Article No.	Watt/m	Assembly	Mounting clip	Bracket/ Swivel fastening	Suspension	Magnet / Line connector		Cover	End cap	Cover	End cap
HT01 // 170690	35 W	Installation profile	YTC5 // 170468	YTC8 // 170469 XTC4 // 170456	XTA2 // 170454	YTV1 // 170471		HX09 // 170703	HT001 // 170633	HX10 // 170723	HT001 // 170633
HT02 // 170686	35 W	Surface-mounted profile	YTC5 // 170468	YTC8 // 170469 XTC4 // 170456	XTA2 // 170454	YTV1 // 170471		HX09 // 170703	HT002 // 170632	HX10 // 170723	HT002 // 170632

* Standard length 2 metres // Unit lengths of up to 6 metres are possible on request // Increased shipping costs may apply for profile lengths of 2 metres or more. Please note that cutting tolerances of +/- 2 mm may occur.



MOUNTING MATERIAL

Name	Dimensions (W x H x L in mm)	Article No.	
Bracket XTC4	10 x 14 x 14.5	170456	
Line connector 6 x 3 YTV1	6 x 3.5 x 50	170471	
Mounting clip YTC5	19.5 x 7.5 x 10	170468	
Rope suspension XTA2	Ø 6 x 2,000	170454	
Swivel mounting YTC8	30 x 28 x 30	170469	

END CAPS

Name	Profiles Cover	Dimensions (W x H x L in mm)	Article No.
End cap HT001	HT01 // HX09 / HX10	29 x 25 x 10.5	170633
End cap HT002	HT02 // HX09 / HX10	29 x 25 x 9.5	170632

TT SERIES

The TT53 surface-mounted profile from the TT series was developed for high-lumen LED modules up to 5,000 lumens. In addition, the BILTON ECO power supply unit can be integrated into the profile by integrating the slide-in profile.



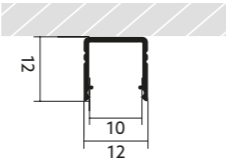
Image picture

2 PROFILE IN DIFFERENT SIZES

POWER SUPPLY UNIT INTEGRATION

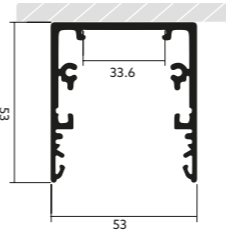
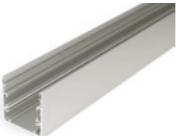
SURFACE-MOUNTED PROFILE TT12

Name	Dimensions (W x H in mm)	Surface	Watt/m	Article No.
Surface-mounted profile TT12	12 x 12	Anodised aluminium	14 W	171237



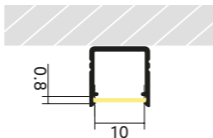
SURFACE-MOUNTED PROFILE TT53

Name	Dimensions (W x H in mm)	Surface	Watt/m	Article No.
Surface-mounted profile TT53	53 x 53	Anodised aluminium	42 W	171238



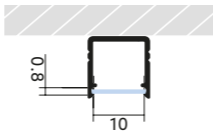
SATIN FINISHED COVER TX11

Name	Dimensions (W x H in mm)	Transmittance	Article No.
Satin finished cover TX11	10.2 x 2	75 %	171240



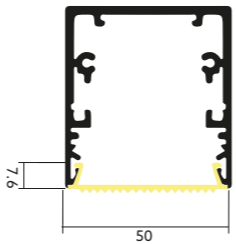
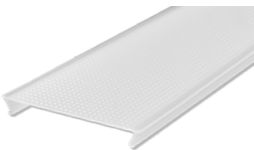
TRANSPARENT COVER TX12

Name	Dimensions (W x H in mm)	Transmittance	Article No.
Transparent cover TX12	10.2 x 2	93 %	171241



SATIN FINISHED COVER TX53

Name	Dimensions (W x H in mm)	Transmittance	Article No.
Satin finished cover TX53	50 x 7.6	72 %	171242



MOUNTING MATERIAL

Name	Dimensions (W x H x L in mm)	Article No.	
Mounting clip Mounting TTC12	13 x 5 x 16	171248	
Slide-in Aluminium TTP53	50 x 2 x 2,000	171249	

END CAPS

Name	Profiles Cover	Dimensions (W x H x L in mm)	Article No.
End cap TT0012	TT12 // TX11 / TX12	12 x 12 x 7	171244
End cap TT0012B	TT12 // TX11 / TX12	12 x 12 x 7	171245
End cap TT0053	TT53 // TX51	53 x 53 x 12	171246

Article No.	Watt/m	Assembly	Mounting clip	Magnet / Line Connector	Cover	End cap
TT12 // 171237	14 W	Surface-mounted profile	TT12 // 171248	~	TX11 // 171240 TX12 // 171241	TT0012 // 171244 TT0012B // 171245
TT53 // 171238	42 W	Surface-mounted profile	~	TTP53 // 171249	TX51 // 171242	TT0053 // 171246

* Standard length 2 metres // Unit lengths of up to 6 metres are possible on request // Increased shipping costs may apply for profile lengths of 2 metres or more. Please note that cutting tolerances of +/- 2 mm may occur.

AIR SERIES

The accessories for the BILTON AIR series consists of 1 aluminium profile, 2 plastic profiles, 2 clips and 4 safety clips. The surface is made from white and/or transparent PC. This allows for a variety of different mounting options.

- ALUMINUM AND PLASTIC PROFILE
- VARIOUS MOUNTING OPTIONS

SURFACE-MOUNTED PROFILE ALU AIR

Name	Dimension (W x H x L in mm)	Surface	Article No.
Surface-mounted profile AT03	19.6 x 16.2 x 2000	Anodised aluminium	171031



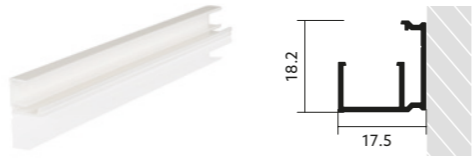
SURFACE-MOUNTED PROFILE PC AIR

Name	Dimension (W x H x L in mm)	Surface	Article No.
Surface-mounted profile AT02	13.2 x 13.5 x 2000	PC/white	170885



WALL PROFILE AIR SIDE

Name	Dimension (W x H x L in mm)	Surface	Article No.
Wall profile AIR SIDE AS02	17.5 x 18.2 x 2000	PC/white	170886



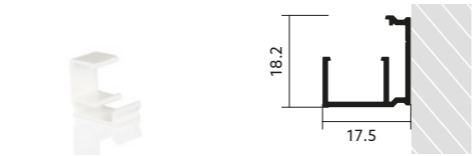
MOUNTING CLIP AIR

Name	Dimension (W x H x L in mm)	Surface	Article No.
Mounting clip AIR ATC1	13.2 x 13.5 x 30	PC/white	171149



MOUNTING CLIP AIR SIDE

Name	Dimension (W x H x L in mm)	Surface	Article No.
Mounting clip AIR SIDE ASC1	17.5 x 18.2 x 30	PC/white	171150



MOUNTING MATERIAL

Name	Dimensions (W x H x L in mm)	Article No.
Safety clip SIDE ASC2 (transparent)	29 x 16.7 x 10	170917
Safety clip ATC4 MULTI (transparent)	29 x 18 x 10	170918
Safety clip TOP ATC2 (transparent)	29 x 13.1 x 10	170919
Safety clip Aluminium profile ATC3 (transparent)	32 x 20.7 x 10	171047

END CAPS

Name	Profile/ Cover	Dimensions (W x H x L in mm)	Article No.
End cap TOP AT001 (white)	AIR TOP	13.2 x 12.2 x 4.2	170889
End cap SIDE AS001 (white)	AIR SIDE	13.2 x 16.2 x 4.2	170890
End cap TOP PLUS ATP001	AIR TOP PLUS	13.2 x 13.3 x 19.2	171095
End cap SIDE PLUS ASP001	AIR SIDE PLUS	13.2 x 17.1 x 19.2	171096

* Standard length 2 metres // Unit lengths of up to 6 metres are possible on request // Increased shipping costs may apply for profile lengths of 2 metres or more. Please note that cutting tolerances of +/- 2 mm may occur.

AIR SERIES

FLEXIBILITY

Needs-oriented light with maximum flexibility in the configuration of many different parameters such as shape, light colour, length and much more.

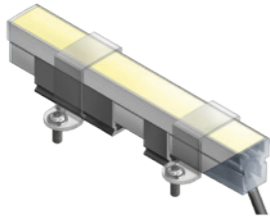
CUSTOMISED

Easy installation thanks to customer-specific configuration, so that the required light can be installed immediately – without much effort.

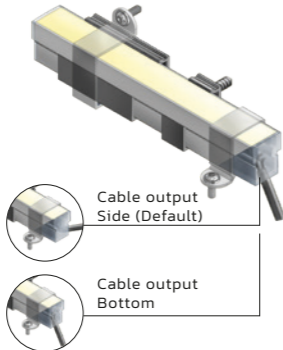
CONFIGURATION

Developed and configured in Austria, this guarantees the highest quality of all components used as a guarantee of reliability and durability.

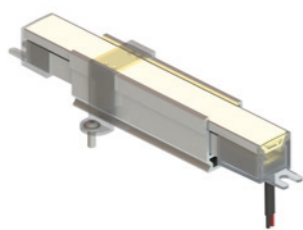
BILTON AIR TOP



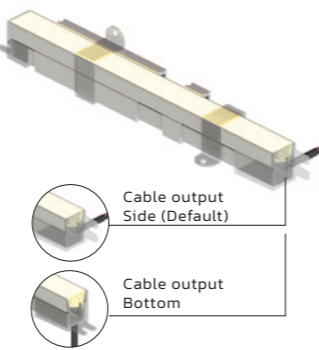
BILTON AIR SIDE



BILTON AIR TOP PLUS



BILTON AIR SIDE PLUS



Article No.	Assembly	Profile / Clip	Safety clip	End cap
AIR TOP	Surface-mounted profile	Profile AIR AT02 // 170885 Mounting clip ATC1// 171149	Safety clip MULTI ATC4 // 170918	TOP AT001 // 170889
	Aluminium profile	Aluminium profile AT03 // 171031	Safety clip Aluminium profile ATC3 // 171047	TOP AT001 // 170889
AIR SIDE	Wall profile	Wall profile ASO2 // 170886 Mounting clip ASC1 // 171150	Safety clip SIDE ASC2 // 170917	SIDE ASO01 // 170890
		Profile AIR AT02 // 170885 Mounting clip ATC1 // 171149	~	SIDE ASO01 // 170890
AIR TOP PLUS	Surface-mounted profile	Profile AIR AT02 // 170885 Mounting clip ATC1// 171149	Safety clip MULTI ATC4 // 170918	TOP ATP001 // 171095
	Aluminium profile	Aluminium profile AT03 // 171031	Safety clip Aluminium profile ATC3 // 171047	TOP ATP001 // 171095
AIR SIDE PLUS	~	Wall profile ASO2 // 170886 Mounting clip ASC1 // 171150	Safety clip SIDE ASC2 // 170917	SIDE ASP001 // 171096
		Profile AIR AT02 // 170885 Mounting clip ATC1 // 171149	~	SIDE ASP001 // 171096

Assembly BILTON AIR TOP series

Profile or clip	Aluminium profile	Safety clip TOP without profile	Safety clip MULTI with profile
Surface-mounted profile AIR // Mounting clip AIR	Aluminium profile AIR	Safety clip TOP	Surface-mounted profile AIR // Mounting clip AIR + Safety clip MULTI

Assembly BILTON AIR SIDE series

Wall profile or clip	Profile TOP or clip TOP	Safety clip MULTI without profile	Safety clip SIDE with profile
Wall profile AIR SIDE // Mounting clip SIDE	Surface-mounted profile AIR // Mounting clip AIR	Safety clip MULTI	Wall profile AIR SIDE // Mounting clip SIDE + Safety clip SIDE

Assembly BILTONAIR TOP PLUS series

Profile or clip	Safety clip TOP without profile	Safety clip MULTI with profile
Surface-mounted profile AIR // Mounting clip AIR	Safety clip TOP	Surface-mounted profile AIR // Mounting clip AIR + Safety clip MULTI

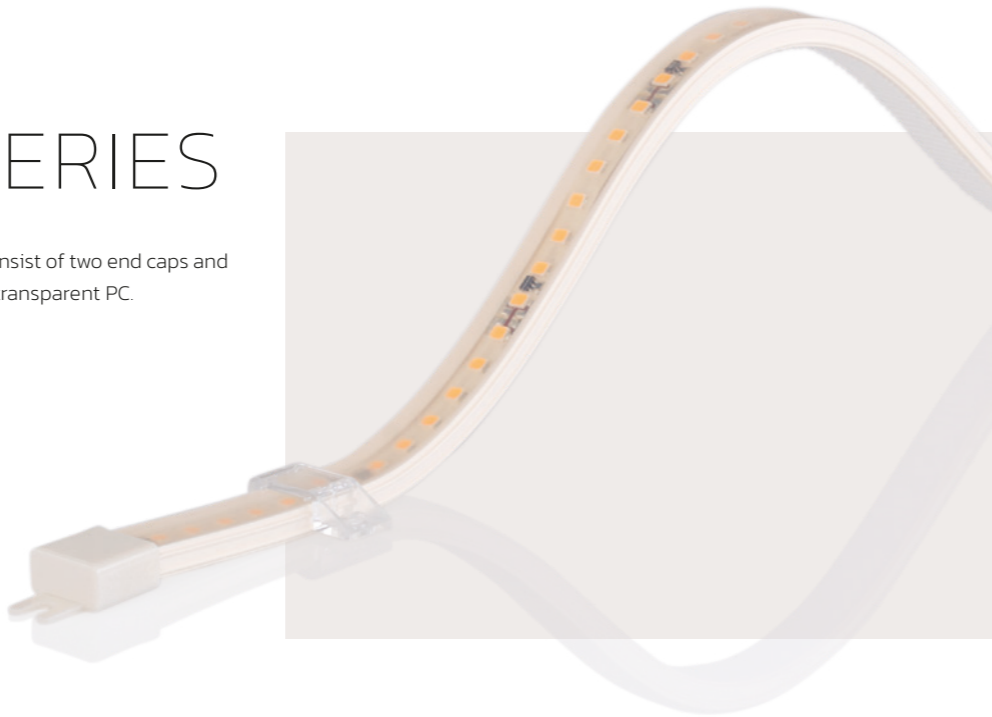
Assembly BILTON AIR SIDE PLUS series

Wall profile or clip	Profile TOP or Clip TOP	Safety clip MULTI without profile	Safety clip SIDE with profile
Wall profile AIR SIDE // Mounting clip SIDE	Surface-mounted profile AIR // Mounting clip AIR	Safety clip MULTI	Wall profile AIR SIDE // Mounting clip SIDE + Safety clip SIDE

AIR SLIM SERIES

The accessories for the BILTONAIR SLIM series consist of two end caps and a safety clip. The surface is made from white or transparent PC.

FOR PROTECTION CLASS IP65 AND IP67



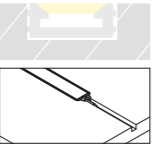
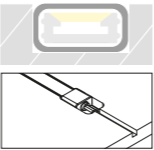


NNR SERIES

The accessory for the LED module NN series consists of two end caps and various assembly materials. The surface is made of white PC.

SURFACE WHITE PC

MOUNTING BILTONAIR SLIM SERIES

BILTON AIR SLIM	Safety clip	BILTON AIR SLIM IP54	BILTON AIR SLIM IP67
			
Adhesive strip	Safety clip SLIM	Slot mounting IP54	Slot mounting IP67

MOUNTING MATERIAL

Name	Dimensions (W x H x L in mm)	Article no.
Safety clip ALC1 (transparent)	23.64 x 6.7 x 10	171048

END CAPS

Name	Execution	Dimensions (W x H x L in mm)	Article no.
End cap AL002 (white)	IP54 protection	15,12 x 8,13 x 14	171098
End cap AL001 (white)	IP67 protection	11,8 x 4,8 x 6	171073

Article No.	Watt/m	Assembly	Profile / Clip	Safety clip	End cap
AIR SLIM series	~	Installation/Surface mounting profile	~	Safety clip ALC1 // 171048	AL002 // 171040 AL001 // 171073



































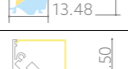


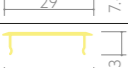




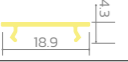

MOUNTING MATERIAL

Name	Article No.
Mounting holder PC transparent BLNNR25H	171232
Mounting profile 1 m PC transparent BLNNR25P	171233
Mounting clip PC transparent BLNNR18C	171234
Mounting holder PC transparent BLNNR18H	171235
Mounting profile 1 m PC transparent BLNNR18P	171236

END CAPS

Name	Execution	Article No.
End cap NN25	NN25	171229
End cap NN18	NN18	171230

PROFILE & COVER MATRIX

																								
		30 Installation profile XT01 29 W/m	23 Surface mounted profile XT02 29 W/m	23 Surface mounted profile XT03 29 W/m	24.5 Installation profile YT01 12 W/m	17.5 Surface mounted profile YT02 12 W/m	17.5 Corner profile YT04 14 W/m	28 Wall corner profile YT05 20 W/m	18.5 Wall profile YT06 2 x 25 W/m	17.5 Suspension profile YT07 20 W/m		17.6 Niche profile YT08 30 W/m	17.5 Flexible profile YT09 12 W/m	18 Installation profile CT01 10 W/m	12.5 Surface mounted profile CT02 10 W/m	15 Wardrobe profile CT06 28 W/m	19 Surface mounted profile MT02 15 W/m	12.68 Suspension profile VT01 19 W/m	29 Suspension profile RT01 35 W/m	34.1 Corner profile WT02 30 W/m	39 Installation profile HT01 35 W/m	29 Surface mounted profile HT02 35 W/m	12 Surface mounted profile TT53 42 W/m	53 Surface mounted profile MT02 15 W/m
U-shaped cover SX03																								
Rollable cover SX07																								
Rollable cover SX08																								
Satin finished cover SX09																								
Transparent cover SX10																								
Linear lense 35° SX30																								
Satin finished cover YX01																								
Transparent cover YX02																								
U-shaped cover YX03																								
Black cover YX04																								
U-shaped cover CX03																								
Linear lense 60° CX05																								
Asymmetric linear lense 80/5° CX06																								
Satin finished L-cover WX01																								
Tube cover VX01																								
Transparent cover HX09																								
Satin finished cover HX10																								
Tube cover RX01																								
Satin finished cover TX11																								
Transparent cover TX12																								
Satin finished cover TX53																								
Satin finished cover MX01																								

MOUNTING MATERIAL MATRIX

[illegible]

LIGHT

MANAGE

MENT

BILTON

LED DIMMERS

The light controls ensure that the appropriate light is emitted at the right time and in the desired quantity. Controls with different signal variants and sizes have been developed to perfectly match the entire LED module range. The savings potential can be optimally exploited by the perfectly matched system components made by BILTON LEDON Technology (BLT.).

CASAMBI SERIES

The Casambi PWM dimmer is a Bluetooth 4.0 controllable CASAMBI four-channel PWM dimmer for 12-24 V modules in a constant voltage operation. The dimmer has 4 channels with max. 6 A output current and 12-24 VDC (input voltage=output voltage). The rated power is 72-144 W. The dimmer is controlled via the free CASAMBI APP (Android + iOS).



- CONTROL VIA APP
- BLUETHOOOTH 4.0

Name	Dimensions (W x H x L)	Control signal	Supply voltage	Output voltage	Output power	Output load	Number of channels	Article No.
Casambi	30 x 18 x 72.6 mm	PWM	12-24 VDC	12-24 VDC	240 W / 24 V	6 A max.	1-4	170924

IP20

CE

RoHS

BASIC SERIES

The BASIC series is a 1 to 4-channel LED dimmer for modules in constant voltage operation. Its small design and high levels of reliability are impressive, and it is ideal in areas which are difficult to access. An external voltage supply is required for operation. Automatic device load detection (1, 2, 3 or 4 channels). Distribution of the entire output of max. 4 A to 1 to 10 channels. 1 channel can deliver max. 10 A.



- SMALL CONTRUTCION FORM
- 5 CONTROL SIGNALS
- 5 YEAR GUARANTEE

Name	Dimensions (W x H x L)	Control signal	Supply voltage	Output voltage	Output power	Output load	Number of channels	Article No.
KNX Basic	53 x 33 x 95 mm	KNX	12-24 VDC	12-24 VDC	240 W / 24 V	10 A max.	1-4	101645
DALI / SWITCH DIMM Basic	53 x 33 x 95 mm	DALI / SWITCH DIMM	12-24 VDC	12-24 VDC	240 W / 24 V	10 A max.	1-4	101639
DMX / Analog Basic	53 x 33 x 95 mm	DMX / Analog	12-24 VDC	12-24 VDC	240 W / 24 V	10 A max.	1-4	101643

DALI

KNX

DMX

IP20

0-10 V INPUT

Switch dimm

CE

RoHS

REG SERIES

The REG series is a 1 to 4-channel LED dimmer for modules in constant voltage operation, suitable for top hat rail assembly in the switch or distributor cabinet. Automatic device load detection (1, 2, 3 or 4 channels). At 10 A, the supply will be distributed to 1 to 4 channels, as required. The load has to be distributed evenly between 10 and 14 A. An external voltage supply is required for commissioning. Triple distribution unit for manifold installation.



- TOP-HAT RAIL MOUNTING
- 5 CONTROL SIGNALS
- 5 YEAR GUARANTEE

Name	Dimensions (W x H x L)	Control signal	Supply voltage	Output voltage	Output power	Output load	Number of channels	Article No.
KNX REG	52 x 59 x 90 mm	KNX	12-24 VDC	12-24 VDC	336 W / 24 V	4 x 35 A	1-4	101673
DALI / SWITCH DIMM REG	52 x 59 x 90 mm	DALI / SWITCH DIMM	12-24 VDC	12-24 VDC	336 W / 24 V	4 x 35 A	1-4	101670
DMX / ANALOG REG	52 x 59 x 90 mm	DMX/ANALOG	12-24 VDC	12-24 VDC	336 W / 24 V	4 x 35 A	1-4	101672

DALI

KNX

DMX

IP20

0-10 V INPUT

Switch dimm

CE

RoHS

SXT SERIES

The SXT series is a 1 to 4 channel LED dimmer for constant voltage-powered LED modules with an integrated power supply. Output signal PWM (pulse width modulation) = 600 Hz. Automatic device load detection (1, 2, 3 or 4 channels). Distribution of the entire output of max. 4 A over 1 to 4 channels.



- INTEGRATED POWER SUPPLY UNIT
- 4 CONTROL SIGNALS
- 5 YEAR GUARANTEE

Name	Dimensions (W x H x L)	Control signal	Supply voltage	Output voltage	Output power	Output load	Number of channels	Article No.
KNX SXT	53 x 45 x 226 mm	KNX	230 VAC	24 VDC	100 W / 24 V	4 A max.	1-4	101651
DALI SXT	53 x 45 x 226 mm	DALI	230 VAC	24 VDC	100 W / 24 V	4 A max.	1-4	101647
DMX / ANALOG SXT	53 x 45 x 226 mm	DMX/ANALOG	230 VAC	24 VDC	100 W / 24 V	4 A max.	1-4	101649

DALI

KNX

DMX

IP20

0-10 V INPUT

CE

RoHS

BILTON

LED POWER SUPPLY UNITS

Power supply units are the connectors to the power supply and form the basis for the interruption-free operation of linear LED solutions. High-quality power supply units ensure that the best can be achieved from linear LED lighting. BILTON power supply units are characterised by a very high efficiency, a long service life, trouble-free operation and constant voltage over the life cycle. The selection of various performance classes and models always offer the optimal LED power supply unit for any application.

Power Supply BILTON DRIVE

Due to the low start-up current, the BILTONDRIVE power supplies fit perfectly into the system and several devices can be used at the same time. The BILTON DRIVE is equipped with terminals that allow for easy wiring. This makes on-site installation quick and easy.



- UP TO 65,000 HRS LIFETIME
- 5 YEAR GUARANTEE

Name	Output rating	Output voltage	IP protection	Dimensions (W x H x L)	Supply voltage	Frequency Hz	Article No.
DRIVE 100	100 W	24 VDC	IP20	53 x 40 x 222 mm	220–240 VAC	50–60	170806

Power Supply BILTON ECO

The power supply units of the BILTON ECO series are particularly convincing due to their slim design. This means that the power supply units can be easily integrated into luminaires and thus ensure a comprehensive supply. The ECO power supply units are optimised for LED operation. Over-voltage, short-circuit, no-load and over-temperature protection ensure a wide range of protection and safety requirements, which are advantageous in furniture construction, among other areas.



- LIGHTING INTEGRATION
- SLIM SHAPE
- 5 YEAR GUARANTEE

Name	Output rating	Output voltage	IP protection	Dimensions (W x H x L)	Supply voltage	Frequency Hz	Article No.
BLECO 35	35 W	24 VDC	IP20	30 x 21 x 188 mm	220–240 VAC	47–63	170160
BLECO 60	60 W	24 VDC	IP20	30 x 21 x 240 mm	220–240 VAC	47–63	170162
BLECO 100	100 W	24 VDC	IP20	30 x 21 x 305 mm	220–240 VAC	47–63	170166
End cap set for ECO power supply units (2 end caps and 2 screws)							170548



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Power Supply IP

Name	Output rating	Output voltage	IP protec-tion	Dimensions (W x H x L)	Supply voltage	Frequency Hz	Article No.
IP 40	40 W	24 VDC	IP67	615 x 36.8 x 171 mm	90–305 VAC	47–63	170200
IP 60	60 W	24 VDC	IP67	615 x 36.8 x 171 mm	90–305 VAC	47–63	170201
IP 100	100 W	24 VDC	IP67	68 x 38.8 x 220 mm	90–305 VAC	47–63	170203
IP 150	150 W	24 VDC	IP67	68 x 38.8 x 228 mm	90–305 VAC	47–63	170207
IP 240	240 W	24 VDC	IP67	68 x 38.8 x 244 mm	90–305 VAC	47–63	170171



Power Supply REG

Name	Output rating	Output voltage	IP protec-tion	Dimensions (W x H x L)	Supply voltage	Frequency Hz	Article No.
REG 240	240 W	24 VDC	IP20	100 x 125.5 x 125.2 mm	90–240 VAC	47–63	170505
REG 480	480 W	24 VDC	IP20	100 x 227 x 125.2 mm	90–240 VAC	47–63	170506



LED CONTROLLERS

More and more LED lighting systems are being used. For simple and convenient control and regulation, BILTON offers suitable control systems in compact and highly functional designs. The controllers are characterised by high energy efficiency, excellent processing and an excellent price-performance ratio. No matter whether KNX, DALI, EnOcean (radio), DMX or Analogue – BILTON Controllers have been developed and built for high reliability and user friendliness.

ADAPTED TO LED MODULES

DALI CASAMBI BROADCASTER

Casambi Broadcaster: Bluetooth Low-Energy control module for controlling all common dimmer protocols (1-10V, DALI DT6, DALI DT8, and many more) in a self-sufficient measuring network using secure 16-bit encryption. Does not require any additional gateways. Allows fast, uncomplicated, and automatic control of colour temperatures and brightness as well as wireless integration of sensors, push-buttons, and all Bluetooth-enabled mobile devices.



Name	Control Signal	IP Protection	Dimensions (W x H x L)	Article No.
DALI CASAMBI BROADCASTER	DALI	IP20	56.5 x 35.8 x 22.3 mm	29002900

DALI GATEWAY

DALI is the traditional light bus standard for central control of the LED light management. Apart from a touch panel, BILTON now also offers a DALI Light Control App. 64 addresses, 16 groups and 16 different scenes can be controlled using this App directly from an iPhone or iPad.



Name	Control Signal	IP Protection	Dimensions (W x H x L)	Article No.
DALI LIGHT CONTROL GATEWAY	DALI	IP20	105 x 85 x 85 mm	101669

INFINITY LED-CONTROLLER

Remote radio control and dimmer for switching, dimming and controlling BILTON RGB modules Scope of delivery includes a remote control incl. receiver (control). Total power 216 watts. Output current max. 3 amps per 3 occupied channels.



Name	Control Signal	IP Protection	Dimensions (W x H x L)	Article No.
INFINITY	FUNK	IP20	55 x 110 x 20 mm	170156

DALI POWER-SUPPLY

The power supply for the DALI bus system. With an output of 240 mA, up to 64 addressed subscribers and 20 – 30 control modules can be connected.

Name	Control Signal	IP Protection	Dimensions (W x H x L)	Article No.
DALI POWER-SUPPLY	DALI	IP20	90 x 17.8 x 58 mm	170229



RGBW CONTROLLER

Remote radio control and dimmer for switching, dimming and controlling BILTONRGBW modules Scope of delivery includes a remote control incl. receiver (control). Overall output 480 W at 24 V DC. Output current max. 5 amps per 4 occupied channels.

Name	Control Signal	IP Protection	Dimensions (W x H x L)	Article No.
RGBW CONTROLLER	FUNK	IP20	86 x 25 x 86 mm	171215



DTW CONTROLLER

Rotary dimmer for switching and dimming the BILTONDTW LED module. Surface-mounted rotary dimmer for easy mounting on own switch material. Overall output 150 W at 24 V DC. Output current max. 6 A.

Name	Control Signal	IP Protection	Dimensions (W x H x L)	Article No.
DTW CONTROLLER	PMW	IP20	58 x 9 x 104 mm	171214



DALI CONTROLLER

The DALI controller with, inter alia, 4 freely programmable switch inputs can be inserted into the flush-mounted socket, turning it into the DALI switch.

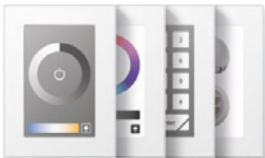
Name	Control Signal	IP Protection	Dimensions (W x H x L)	Article No.
DALI CONTROLLER	DALI	IP20	28 x 33.1 x 14.2 mm	170217



DALI TOUCHPANEL

Multifunctional DALI touch panel for single or multiple channel applications (white or RGBW). Three light circuits can be controlled. Configuration via DALI software.

Name	Control Signal	IP Protection	Dimensions (W x H x L)	Article No.
DALI TOUCHPANEL	DALI	IP20	82 x 8.5 x 111 mm	170222



DALI USB INTERFACE

USB data interface with integrated bus connection. It allows a PC to be connected for addressing, programming and diagnostics of DALI components.

Name	Control Signal	IP Protection	Dimensions (W x H x L)	Article No.
DALI USB INTERFACE	DALI	IP20	51 x 102 x 30 mm	170223



ININ

OVATION

PLANTLIFE TECHNOLOGIES
A BRAND OF LEDON

MODULED –

efficient and revolutionary
lighting solution for compact
indoor growing spaces

At Plantlife Technologies, we are all about the most effective lighting solutions in indoor plant cultivation.

We are passionate about developing highly efficient and easy-to-use exposure solutions for the best yields. We use insights from science and technology in order to offer plants and growers maximum flexibility. Our revolutionary homogeneous light distribution provides the plants with the right light at all times and leads to successful cultivation.

ModuLED is specially developed for compact indoor growing areas and designed for the simplest application and perfect yields. Every ModuLED system has been designed by us so that – for the first time – every plant in a closed indoor growing area receives the optimal number of photons.



www.plantlife-technologies.com





SOLAR LAMP

SELF-SUFFICIENT AND
USABLE EVERYWHERE

LEDON Solar Lighting is an extraordinary technology that brings light, well-being, and safety to places where electricity is not available or would not be economically viable. LEDIVA is a highlight of our lighting solutions – Made in Austria.

LEDIVA
SOLAR LAMP

Self-sufficient, solar LED lamp for car parks, side roads, footpaths, and hiking trails. Independent of the connection to the power grid, easy to install, and ready for immediate use.



- PRODUCED IN AUSTRIA
- MOTION SENSOR
- L70 B50 50,000H SERVICE LIFE
- 5 YEAR GUARANTEE

Article No.	Describiton	Surface	PV techno-logy	Battery	Luminous flux*	Hight	Height light point	Geometry
39003001	LED SL 1HIM SB/740 BLACK, Street lense	Aluminium mast, black	Monocrys-talline cell	Lithium iron phos-phate	880 lm	4,500 mm	4,300 mm	Equila-teral, 223 mm
39003011	LED SL 1HIM PB/740 BLACK, Parking lense							
39013001	LED SL 1HIM SB/740 BLACK, Street lenes, Motion detector							
39013011	LED SL 1HIM PB/740 BLACK, Parking lense, motion detector							

Other light colours and sizes are available on request.
*The actual luminous flux depends on the location and the application.

TECHNOLOGY

Self-sufficient solar lighting that meets all outdoor lighting needs

Complementary technology in outdoor lighting – parallel to mains-dependent lighting

Ecological light from sustainable resources for more energy autonomy

Attractive price-performance ratio of the lighting solutions with low invest-ment costs and no running costs

LEDON Solar Lighting simply cancels out the competition between ecology and economy

SUSTAINABILITY

Warranty of five years (battery two years) thanks to high-quality, perfectly matched components

Easy replacement thanks to the modu-lar interchangeability of individual com-ponents

Soil-friendly installation thanks to minimal disruption to the earth's crust and no compaction of the soil

No light pollution with disturbing influ-ences on flora and fauna

Developed and designed in Austria

INNOVATION

Easy installation of five components with seven screws. The components are a maximum of 2 m long and weigh 45 kg

Modern design meets the demand for architecture in outdoor spaces

Intelligent lighting solution with smart technology completely inside the lamp

Highest quality of all components used as a guarantee for reliability and dura-bility

Needs-oriented light with maximum flexibility in configuration

Here you can configure your lamp based on the location and your lighting requirements.



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