BILTON

ORDER BOOK #18

*Linear LED
Light Solutions*

CONTENT

BILTON ONE

APPLICATION

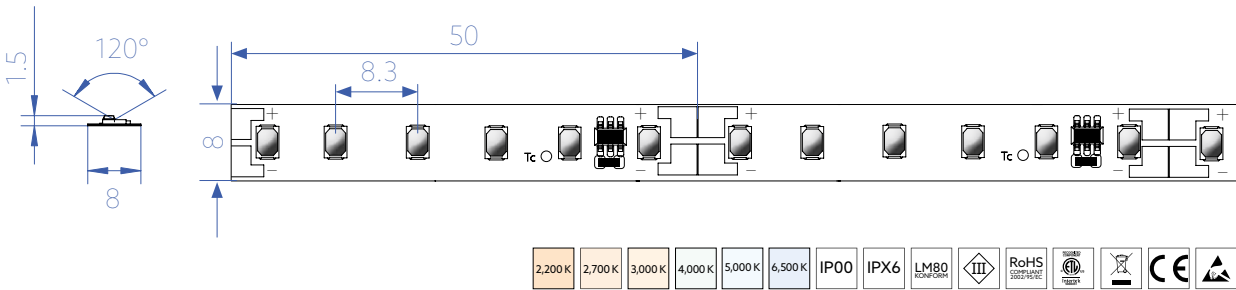//___Wide range of applications for linear lighting in white

PRODUCT FEATURES

//___Highly flexible LED light strip
//___Easy to separate every 5 cm
//___Constant light properties over the entire length
//___Also available in higher protection class IPX6
//___Continuous LED strip (max. 1 solder joint per 5 metres)
//___Simple installation with double-sided heat conducting adhesive tape
//___Long service life due to optimised electronic design (L80B10 / 60,000 hrs)
//___Guaranteed reverse polarity protection
//___Available also in high luminous fluxes

BILTON ONE >80

The BILTON ONE >80 series is a highly flexible linear LED strip light for general lighting tasks. It stands out with a colour rendering index >80 and a maximum module length of up to 14.5 metres long, linear lighting lines can be implemented. The LED module is connected via a heat conducting adhesive tape. The LED module can be fully controlled with a PWM dimmer (e.g. BILTON LED dimmer). Binning selection based on 3 SDCM (MacAdams) // beam angle 120° // CE, LED RoHS compliant. Developed and manufactured by BILTON in Austria
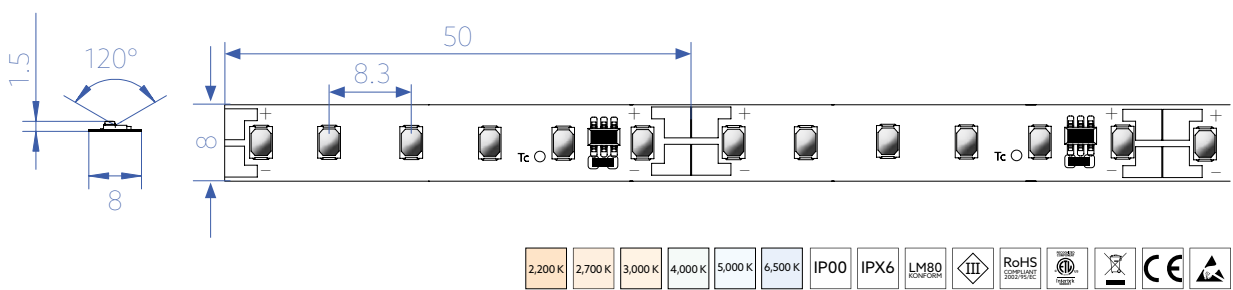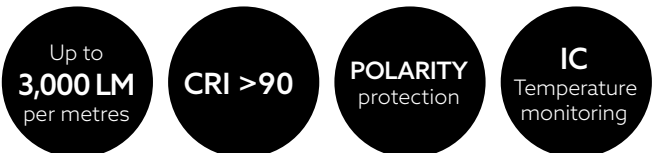
- Up to **14.5 M** module length
- Up to **3,000 LM** per metres
- **CRI >80**
- **POLARITY** protection
- **IC** Temperature monitoring

NAME	LUMINOUS FLUX / M*	VOLTAGE	OUTPUT*	EFFICIENCY*	CRI	MODULE LENGTH**	EEC	IP CLASS	2,200 K	2,700 K	3,000 K	4,000 K	5,000 K	6,500 K
BLONE 600 PU 5 m	600 lm/m	24 VDC	5.3 W/m	113 lm/W	> 80	14.5 m	A+	IP00	100486	100104	100107	100112	100115	100118
								IPX6	100488	100121	100124	100127	100130	100133
BLONE 900 PU 5 m	900 lm/m	24 VDC	7.6 W/m	118 lm/W	> 80	10.5 m	A+	IP00	100490	100160	100163	100168	100171	100174
								IPX6	100503	100177	100180	100485	100186	100189
BLONE 1300 PU 5 m	1,300 lm/m	24 VDC	11.2 W/m	116 lm/W	> 80	7.5 m	A+	IP00	100532	100253	100256	100261	100264	100267
								IPX6	100540	100270	100273	100276	100279	100282
BLONE 2000 PU 5 m	2,000 lm/m	24 VDC	17.4 W/m	115 lm/W	> 80	5.5 m	A+	IP00	100559	100314	100317	100322	100325	100328
								IPX6	100565	100331	100334	100337	100340	100343
BLONE 3000 PU 5 m	3,000 lm/m	24 VDC	27.6 W/m	108 lm/W	> 80	4.5 m	A+	IP00	100571	100382	100385	100390	100393	100396
								IPX6	100577	100399	100402	100405	100408	100411

BILTONONE available in a 5 or 20-metre packaging unit (PU) in a roll.

BILTON ONE >90

The BILTON ONE >90 series is a highly flexible linear LED strip light with a colour rendering index >90 and can therefore be used for lighting solutions with increased colour rendering requirements. The LED module is connected via a heat conducting adhesive tape. The LED module can be fully controlled with a PWM dimmer (e.g. BILTON LED dimmer). Binning selection based on 3 SDCM (MacAdams) // beam angle 120°// CE, LED RoHS compliant. Developed and manufactured by BILTON in Austria

- Up to **3,000 LM** per metres
- **CRI >90**
- **POLARITY** protection
- **IC** Temperature monitoring

NAME	LUMINOUS FLUX / M*	VOLTAGE	OUTPUT*	EFFICIENCY*	CRI	MODULE LENGTH**	EEC	IP CLASS	2,200 K	2,700 K	3,000 K	4,000 K	5,000 K	6,500 K
BLONE 600 PU 5 m	600 lm/m	24 VDC	6.5 W/m	95 lm/W	> 90	10.5 m	A+	IP00	100625	100631	100637	100643	100649	100655
								IPX6	100661	100667	100673	100679	100685	100691
BLONE 900 PU 5 m	900 lm/m	24 VDC	9.6 W/m	95 lm/W	> 90	8.0 m	A+	IP00	100700	100706	100712	100718	100724	100730
								IPX6	100736	100742	100748	100754	100760	100766
BLONE 1300 PU 5 m	1,300 lm/m	24 VDC	13.9 W/m	95 lm/W	> 90	6.5 m	A+	IP00	100772	100778	100784	100790	100796	100802
								IPX6	100808	100814	100820	100826	100832	100838
BLONE 2000 PU 5 m	2,000 lm/m	24 VDC	21.9 W/m	91 lm/W	> 90	4.5 m	A+	IP00	100844	100850	100856	100862	100868	100874
								IPX6	100880	100886	100892	100898	100904	100910
BLONE 3000 PU 5 m	3,000 lm/m	24 VDC	35.0 W/m	86 lm/W	> 90	2.5 m	A	IP00	100916	100922	100928	100934	100940	100946
								IPX6	100952	100958	100964	100970	100976	100982

BILTONONE available in a 5 or 20-metre packaging unit (PU) in a roll.

* Information about the electrical and lighting technology measurements: Performance data measured after 1 min. at 25 °C ambient temperature and a light colour of 4,000 K. These values can have a tolerance value of -/+ 10%. The data can change at any time due to the rapid change in the LED area. The most actual data can be found on the website: www.biltongroup.com
** Module length at 24 V input voltage at the module and luminous flux drop <10% over the specified length.

BILTON AIR

APPLICATION

//___Individual and customised lighting configurations
//___Unlimited freedom of design (flexibly deformable and separable)
//___Object integration
//___Illuminated advertising and illuminated lettering

PRODUCT FEATURES

//___Homogeneously illuminated light line with no visible light points
//___IP67 protection in highly flexible silicone jacket
//___5 m operating length per feeder possible
//___Flexible and separable
//___Specially suited for outside applications
//___Particularly resistant to UV light, salt mist and atmospheres containing chlorine.

BILTON AIR TOP

The BILTON AIR TOP is a linear LED strip light in a highly flexible silicone jacket. The LED module can be bent in a wave-like manner to the direction of the light emitting surface. The LED module is mounted with the appropriate mounting accessories. The LED module can be fully controlled with a PWM dimmer (e.g. BILTON LED dimmer). Binning selection based on 3 SDCM (MacAdams) // beam angle 120°// CE, LED RoHS compliant. Developed and manufactured by BILTON in Austria
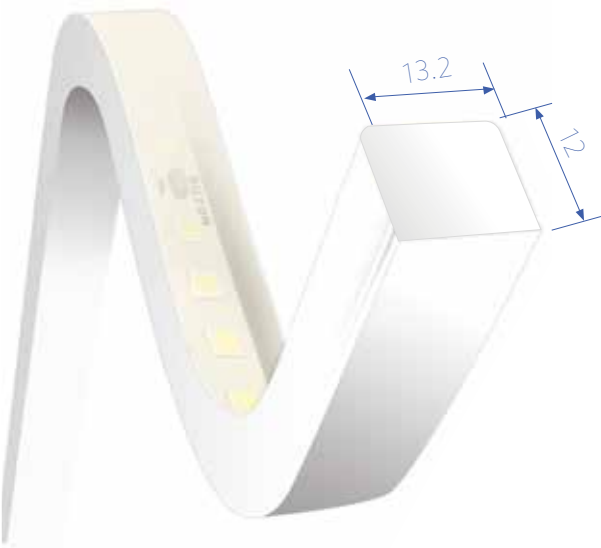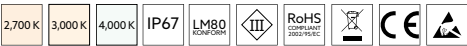
| 5 CM Separability | IP67 Protection by silicone | Illumination UPWARDS | Up to 5 M Module length |

13.2
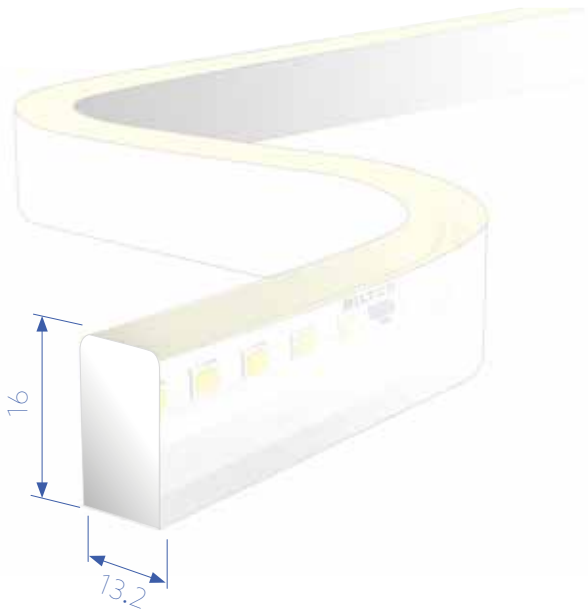12

More information can be found at www.biltongroup.com

2,700 K | 3,000 K | 4,000 K | IP67 | LM80 CONFORM | (III) | RoHS COMPLIANT 2002/95/EC | ☒ | CE | ⚠

NAME	LUMINOUS FLUX / M*	VOLTAGE	OUTPUT*	EFFICIENCY*	CRI	MODULE LENGTH**	EEC	IP CLASS	2,700 K	3,000 K	4,000 K
BLAIR TOP	450 lm/m	24 VDC	7.2 W/m	62 lm/W	> 80	5.0 m	A	IP67	101294	101297	101300
BLAIR TOP	850 lm/m	24 VDC	14.6 W/m	58 lm/W	> 80	5.0 m	A	IP67	101303	101306	101309

BILTONAIR available in 1, 3 or 5-metre packaging unit (PU) in a roll.

BILTON AIR SIDE

The BILTON AIR SIDE is a linear LED strip light in a highly flexible silicone jacket and can be bent in a curve-like manner to the direction of the light emission surface. The LED module is mounted with the appropriate mounting accessories. The LED module can be fully controlled with a PWM dimmer (e.g. BILTON LED dimmer). Binning selection based on 3 SDCM (MacAdams) // beam angle 120°// CE, LED RoHS compliant. Developed and manufactured by BILTON in Austria

| 5 CM Separability | IP67 Protection by silicone | Illumination TO THE SIDE | Up to 5 M Module length |

16
13.2

More information can be found at www.biltongroup.com

2,700 K | 3,000 K | 4,000 K | IP67 | LM80 CONFORM | (III) | RoHS COMPLIANT 2002/95/EC | ☒ | CE | ⚠

NAME	LUMINOUS FLUX / M*	VOLTAGE	OUTPUT*	EFFICIENCY*	CRI	MODULE LENGTH**	EEC	IP CLASS	2,700 K	3,000 K	4,000 K
BLAIR SIDE	450 lm/m	24 VDC	14.6 W/m	31 lm/W	> 80	5.0 m	B	IP67	101312	101315	101318

BILTONAIR available in 1, 3 or 5-metre packaging unit (PU) in a roll.

* Information about the electrical and lighting technology measurements: Performance data measured after 1 min. at 25 °C ambient temperature and a light colour of 4,000 K. These values can have a tolerance value of -/+ 15 %. The data can change at any time due to the rapid change in the LED area. The most actual data can be found on the website: www.biltongroup.com
** Module length at 24 V input voltage at the module and luminous flux drop <10 % over the specified length.

BILTON ECO

PRODUCT FEATURES

//___Price sensitive due to the reduction of LED chips
//___Guaranteed LED properties with guaranteed patent protection from BILTON
//___Guaranteed LED properties
//___Long lifetime (L70B10 / 60,000 hrs.)

APPLICATION

//__Applications with a focus on the best value for money

BILTON
ECO

The BILTON ECO is a flexible linear LED strip light for applications offering excellent value for money. The LED module is connected via a heat conducting adhesive tape. The LED module can be fully controlled with a PWM dimmer (e.g. BILTON LED dimmer). Beam angle 120°// CE, LED RoHS compliant.

Developed by BILTON in Austria

| 24 VDC Voltage | Up to 1,500 LM per metres | 2,700 – 5,000 K | L70B10 60,000 hrs. |
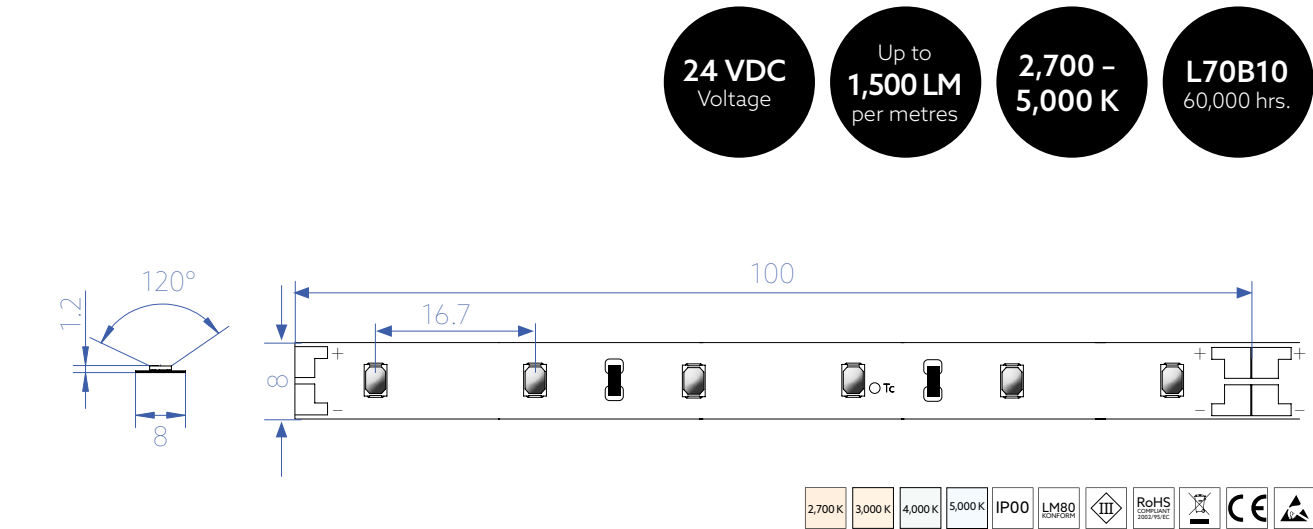
NAME	LUMINOUS FLUX / M*	VOLTAGE	OUTPUT*	EFFICIENCY*	CRI	MODULE LENGTH**	EEC	IP CLASS	2,700 K	3,000 K	4,000 K	5,000 K
BLECO 250 PU 5 m	250 lm/m	24 VDC	2.1 W/m	119 lm/W	> 80	12.5 m	A++	IP00	170811	170812	170813	170814
BLECO 500 PU 5 m	500 lm/m	24 VDC	4.2 W/m	119 lm/W	> 80	10.0 m	A++	IP00	170815	170816	170817	170818
BLECO 1000 PU 5 m	1,000 lm/m	24 VDC	8.3 W/m	120 lm/W	> 80	6.0 m	A+	IP00	170819	170820	170821	170822
BLECO 1500 PU 5 m	1,500 lm/m	24 VDC	13.8 W/m	108 lm/W	> 80	4.5 m	A+	IP00	170823	170824	170825	170826

BILTONECO available in a 5 or 20-metre packaging unit (PU) in a roll.

BILTON RGB

PRODUCT FEATURES

//___Mix of 3 colours (RGB pallet)
//___Use of specially configured RGB LEDs with a coordinated colour spectrum
//___Robust structure due to special flex
//___Easy installation without soldering due to plug-in connections
//___Long lifetime (L70B10 / 36,000 hrs.)

APPLICATION

//__Effective lighting scenarios with a strong colour spectrum
//__Applications for status lighting in colour
//__Lighting of events

BILTON
RGB PRO

The BILTON RGB PRO is a flexible linear LED strip light for homogeneous coloured light. Also available in protection class IP54. The LED module is connected via a heat conducting adhesive tape. The LED module can be fully controlled with a PWM dimmer (e.g. BILTON LED dimmer). Beam angle 120°// CE, LED RoHS compliant.

Developed by BILTON in Austria

| IP54 Protection | 120 LEDs per meter | 5 CM Separability | Up to 5 M module length | L70B10 36,000 hrs. |
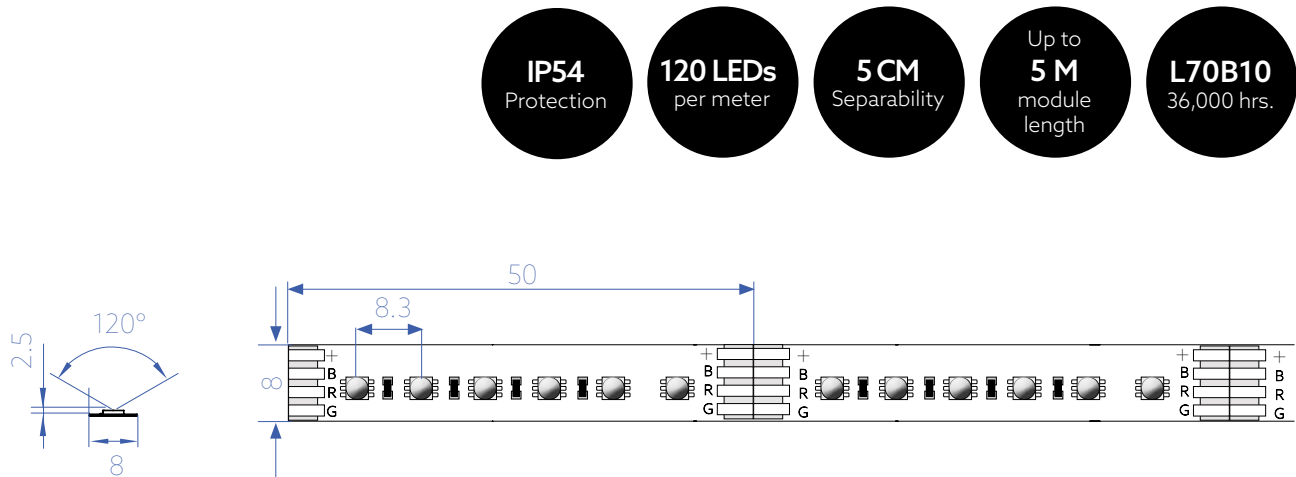
NAME	LUMINOUS FLUX / M*	VOLTAGE	OUTPUT*	EFFICIENCY*	CRI	MODULE LENGTH**	EEC	IP CLASS	RGB
BLRGB PRO PU 5 m	600 lm/m	24 VDC	14.4 W/m	42 lm/W	-	5.0 m	B	IP00	170868
								IP54	170880

* Information about the electrical and lighting technology measurements: Performance data measured after 1 min. at 25 °C ambient temperature and a light colour of 4,000 K and RGB. These values can have a tolerance value of -/+ 15%. The data can change at any time due to the rapid change in the LED area. The most actual data can be found on the website: www.biltongroup.com
** Module length at 24 V input voltage at the module and luminous flux drop <10% over the specified length.

BILTON TW

APPLICATION

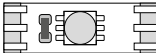/__Can be used for any industry due to its two voltage classes (12 or 24 V)

PRODUCT FEATURES

//___TW = Tunable White = selectable colour temperature in a wide range of white light
//___Physiologically valuable light (Human Centric Lighting)
//___Adaptation to the biorhythm using a suitable control system
//___Long lifetime (L80B10 / 50,000 hrs.)

BILTON ONE TW

The BILTON ONE TW series is a flexible linear LED strip light for a wide spectrum of light. The LED module is connected via a heat conducting adhesive tape. The LED module can be fully controlled with a PWM dimmer (e.g. BILTON LED dimmer). Binning selection based on 3 SDCM (MacAdams) // beam angle 120°// CE, LED RoHS compliant.

Developed by BILTON in Austria

24 VDC Voltage	10 CM Separability	2,700 - 5,000 K smoothly dimmable
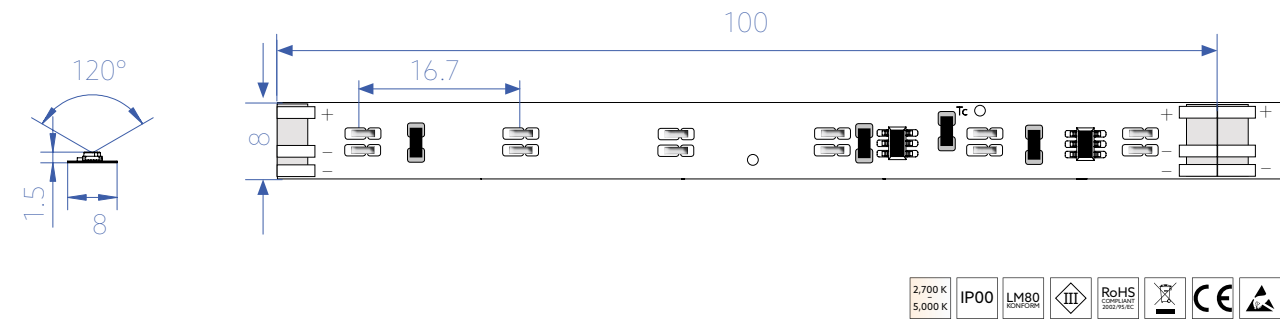
NAME	LUMINOUS FLUX / M*	VOLTAGE	OUTPUT*	EFFICIENCY*	CRI	MODULE LENGTH**	EEC	IP CLASS	2,700 – 5,000 K
BLONE TW PU 5 m	1,300 lm/m	24 VDC	14.0 W/m	93 lm/W	> 80	2.0 m	A+	IP00	100505

BILTON TWO TW

The BILTON TWO TW is a flexible linear LED strip light for a homogeneous light spectrum due to its small LED spacing. The LED module is connected via a heat conducting adhesive tape. With the BILTON TWO TW radio controller, the LED module can be controlled anti-parallel. Binning selection based on 3 SDCM (MacAdams) // beam angle 120°// CE, LED RoHS compliant.

Developed by BILTON in Austria

Anti-parallel adjusted	12 VDC Voltage	2.5 CM Separability	3,000 - 4,000 K smoothly dimmable

Only 2 pole cabling necessary. Control unit, see page 46.
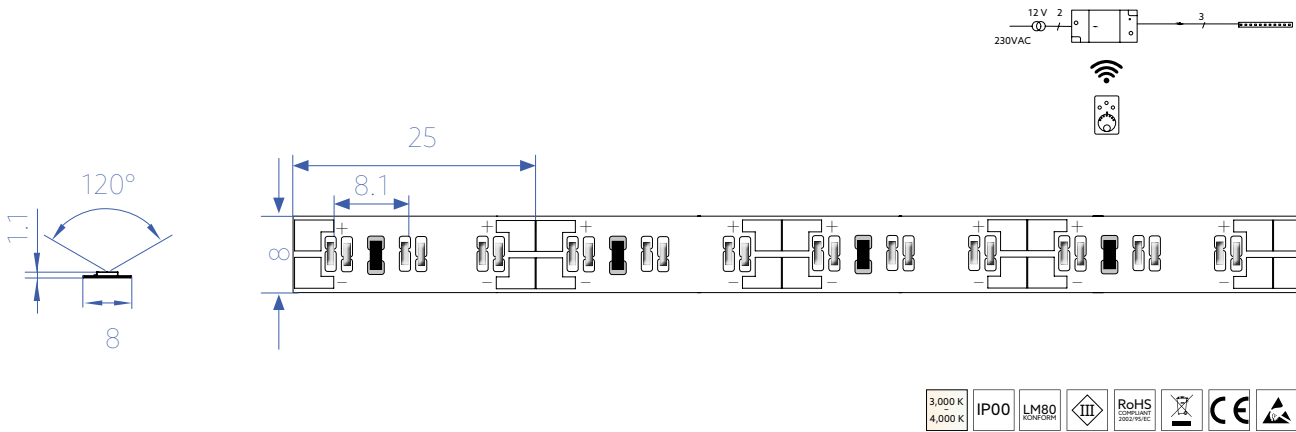
NAME	LUMINOUS FLUX / M*	VOLTAGE	OUTPUT*	EFFICIENCY*	CRI	MODULE LENGTH**	EEC	IP CLASS	3,000 – 4,000 K
BLTWO TW PU 5 m	1,300 lm/m	12 VDC	14.0 W/m	93 lm/W	> 80	2.0 m	A+	IP00	101743

* Information about the electrical and lighting technology measurements: Performance data measured after 1 min. at 25 °C ambient temperature and a light colour of 4,000 K. These values can have a tolerance value of -/+ 10%. The data can change at any time due to the rapid change in the LED area. The most actual data can be found on the website: www.biltongroup.com
** Module length at 24 V input voltage at the module and luminous flux drop <10% over the specified length.

X-LINE
CONFIGURATION

COVERS AND LENSES ──────

FLEXIBLE LINEAR LED MODULE ──────

PROFILE ──────

ENDCAPS ──────

INSTALLATION POSSIBILITIES ──────
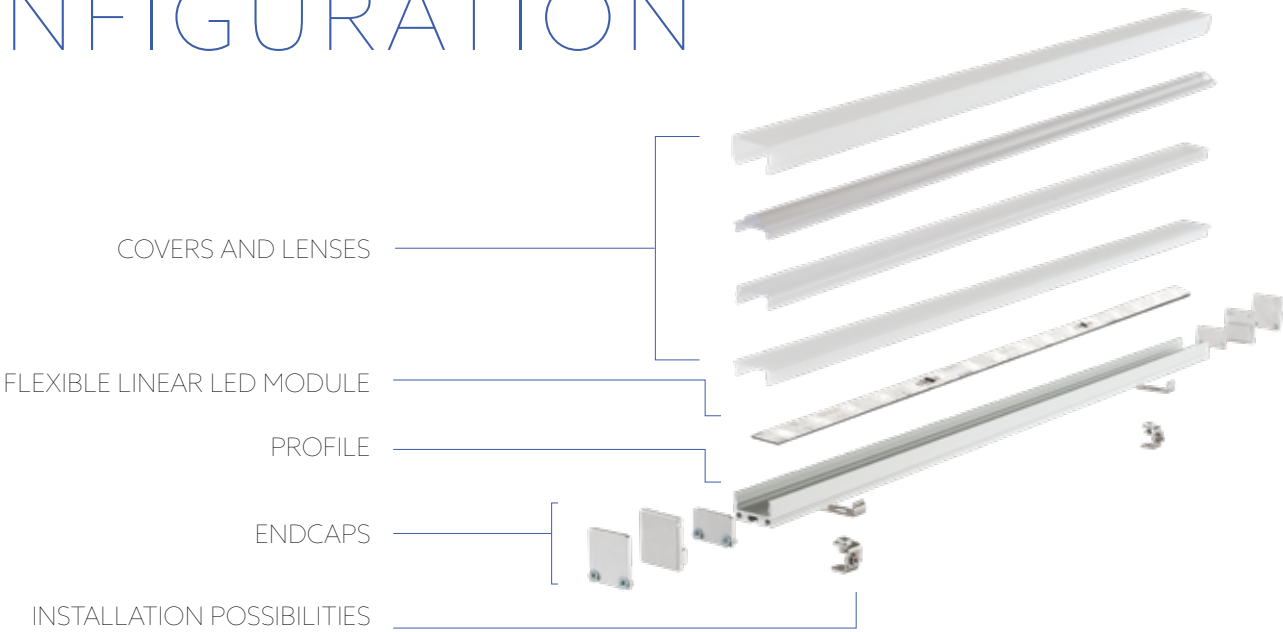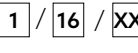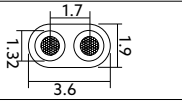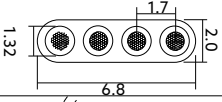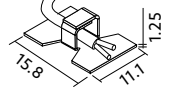
Want to save even more time? And have the luminaire components delivered directly with the right dimensions? No problem! BILTON supplies you with everything you need to install your desired luminaire within 5 minutes. It's that simple: Select a profile and the cover you want. Select a suitable LED module. Please let us know the desired length of the luminaire and the fitting you require: on the cable (M1), supported (M2) or installed (M3). Finally, indicate the desired number of pieces - and that's it.

Profile **+** Cover **+** LED module **+** Length **+** Installation **+** Number of lamps

M_1 M_2

1 / 16 / XX

DESCRIPTION	ART. NO.
Prefabrication LED module IP00, made to size, including 20 cm connection cable	169001
Prefabrication LED module IPX6, made to size, including 20 cm connection cable	169002
X-line fabrication profile, LED module (IP00 and IP66-CVD) and cover to size	190000*

* X-line configuration possible up to 2 metres. Special lengths and special designs on request.

ACCESSORIES FOR CONFIGURATION	ART. NO.	
Flexible sheathed cable 2 x 0.5 mm^2	300411	
Flexible sheathed cable 4 x 0.5 mm^2	300412	
Cable holder with adhesive socket	300750	

Enhance your LED module

BILTON X-LINE
SMART CORE
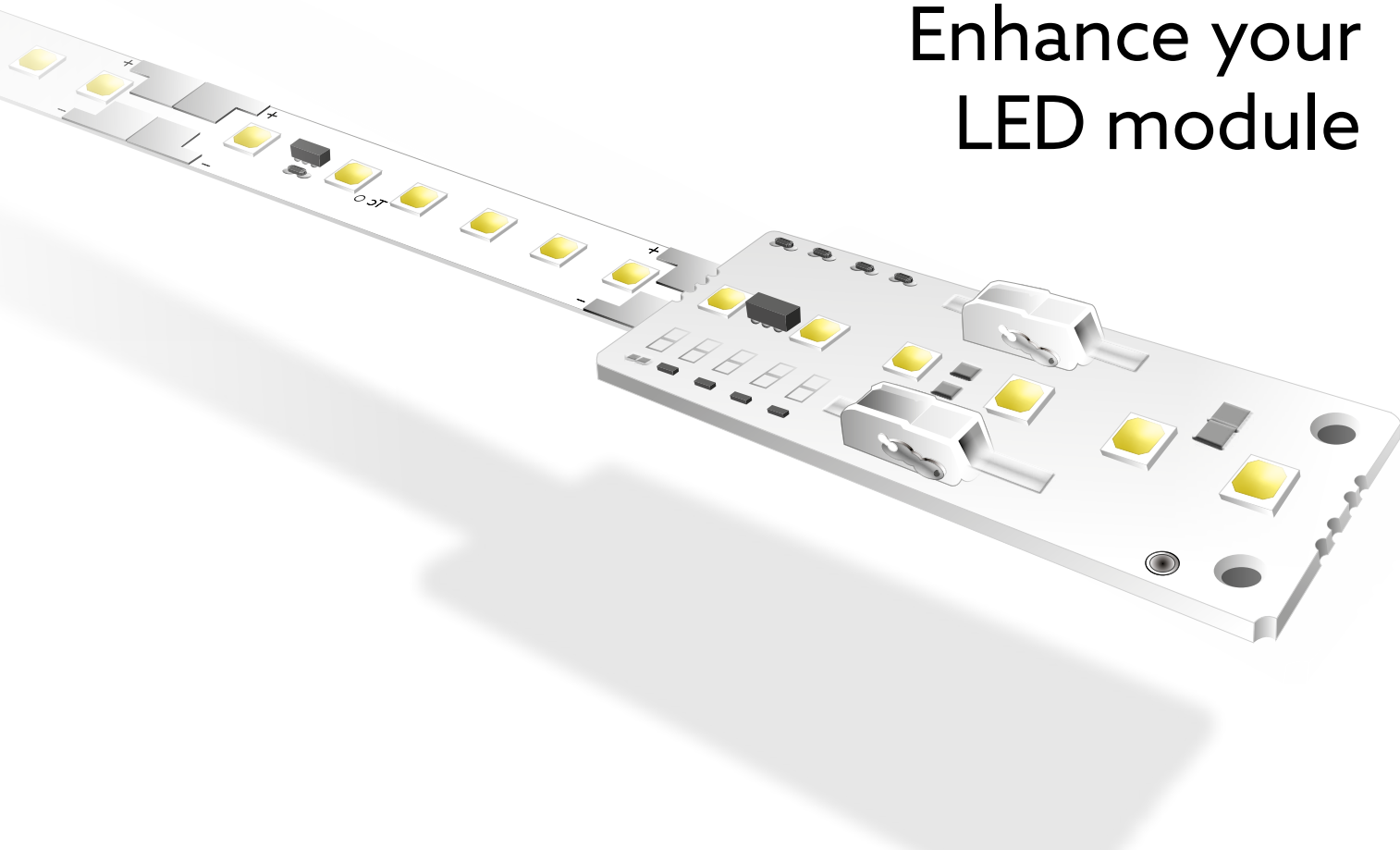
PATENTED AND BUNDLED INTELLIGENCE

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

There is also the CO2 sensor **ROOM CLIMATE SENSOR,** which emits optical warning information using the lighting. These electronic lighting components are fully compatible with our BILTON ONE range LED strips in terms of lighting technology and extend the power spectrum of a flexible LED strip with mechanical and electronic properties that were previously unimaginable. Thanks to the strain-relieving end feed, technically induced dark zones are a thing of the past. Likewise, a centre feed into the LED band can be created, so that very long cable lengths can be designed. All in all a smart extension of our BILTON X-LINE range.
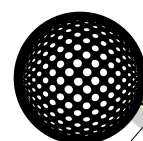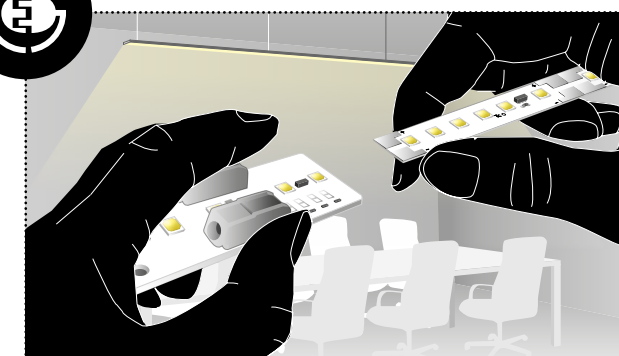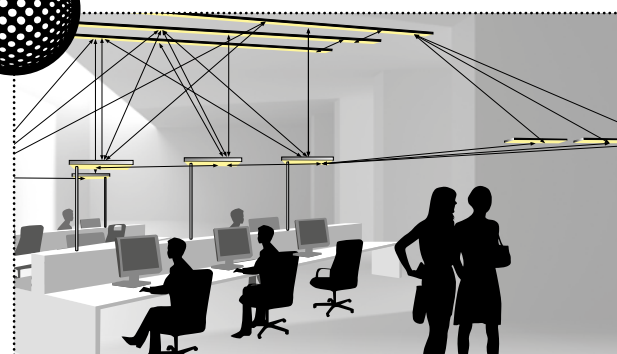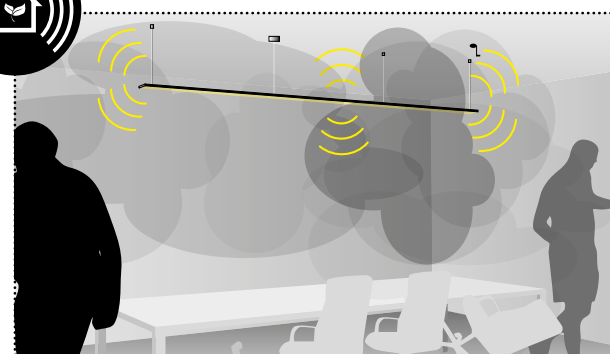
MOTION SENSOR
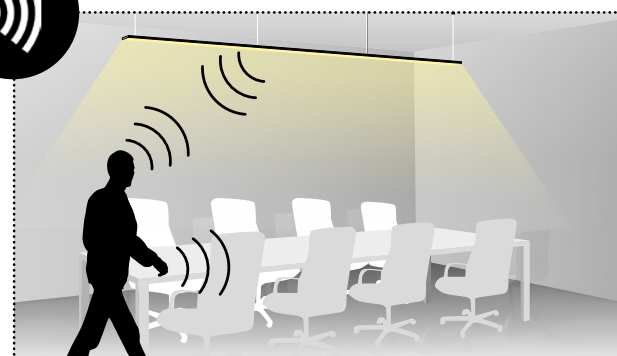
BLUETOOTH
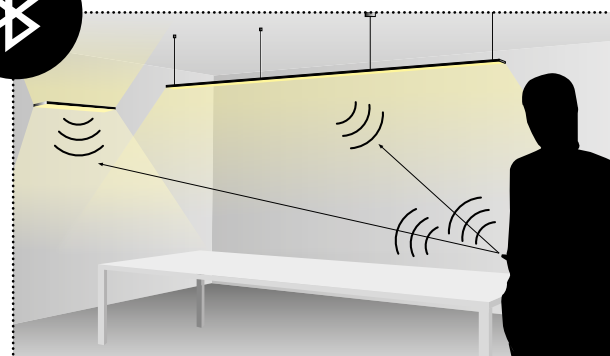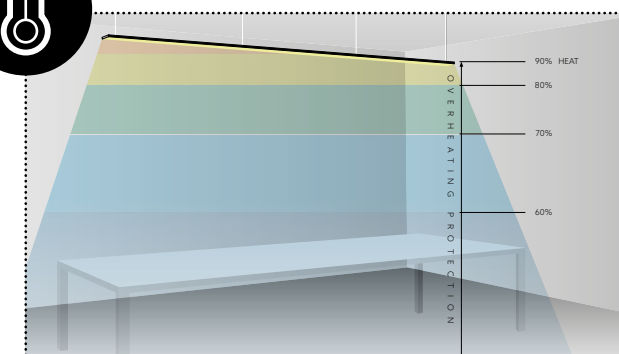

COMPATIBILITY

SWARM INTELLIGENCE

ROOM CLIMATE SENSOR

TEMP PROTECTION

EASY
CONNECTION

JUST A CLICK

Simply connecting LED modules without cumbersome soldering is no problem. 2-pole connectors are suitable for single-colour modules. 4-pole connectors are needed for multicolour designs (RBG, EMOTION). A shrink-hose is available for external applications. The connector can be used for feeds from power packs or for connecting two LED modules. Efficient and intuitive connection on the construction site.

FEEDERS
Feeders are the easy way to connect LED modules to the power supply.

CONNECTOR
Connectors are suitable for connecting LED modules together easily. One click and you secure a safe and reliable transfer of power.


ACCESSORIES
LED MODULES

| NAME	POLE	CURRENT CARRYING CAPACITY	LENGTH	ART. NO.	
Direct connector	2/4 pole	-	-	170150	
Feeder	2 pole	5 A / channel	500 mm 2,000 mm*	170152 170153	
Feeder	4 pole	2.5 A / channel	500 mm 2,000 mm	170111 170867	
Connector	2 pole	5 A / channel	50 mm 500 mm*	170144 170145	
Connector	4 pole	2.5 A / channel	50 mm 500 mm 2,000 mm	170120 170121 170866	

* including sheathed cable

FIVE
SIMPLE
STEPS

Would you rather build your own LED luminaire yourself? With the right tools and the BILTON product range, you can easily install your desired luminaire in just a few steps. BILTON supplies everything you need, from LED modules to LED accessories, profiles, covers, power supplies and the appropriate controls. Order, put together, install. And if you need help, you can contact BILTON Technical Support.
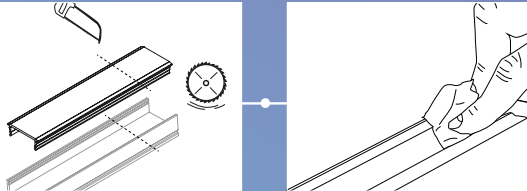

STEP 1
Adjust profile and cover to the desired length and clear residue from the base. Profile care instructions can be found in the instructions at www.biltongroup.com.
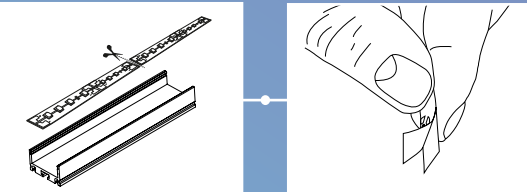
STEP 2
Cut the LED module to the correct size. An LED light band can be quickly connected with the feed connector. Check the max. module length. For IPX6, the IPX coating must be removed from the contact pad before soldering. Note the max. conductor cross-section up to 0.5 mm^2 Cu. Heat-shrink all cut ends of the shrink hose with a hot-air dryer at 200 °C for approx. 4 – 6 seconds.
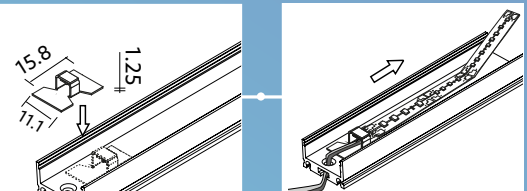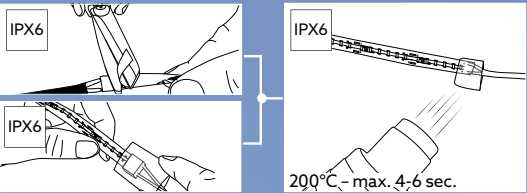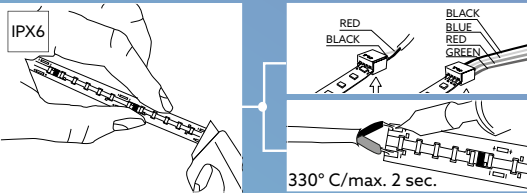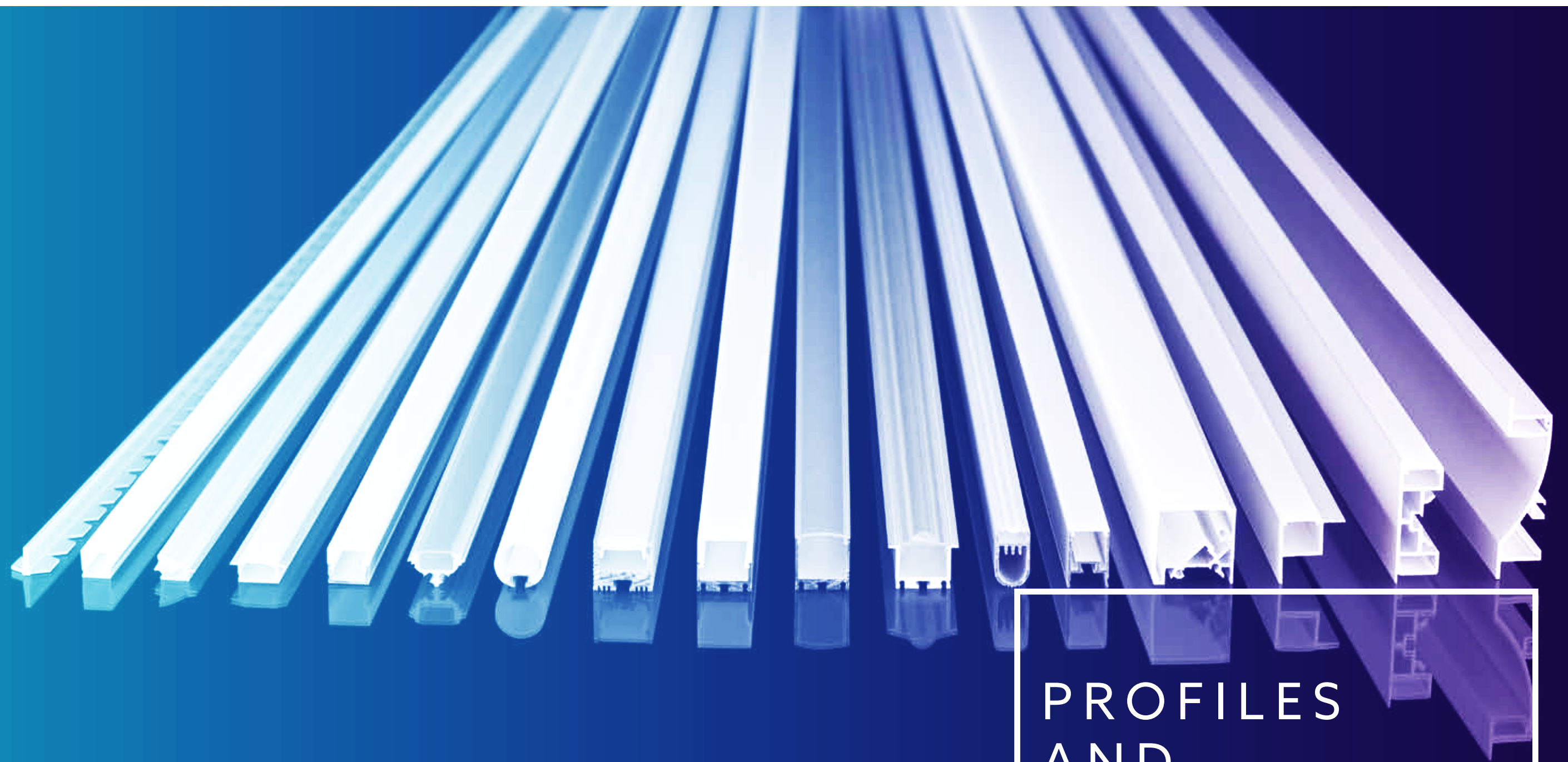
STEP 3
Glue the LED module with gentle pressure into the profile. BILTON cable holders are recommended in order to protect against mechanical loads.
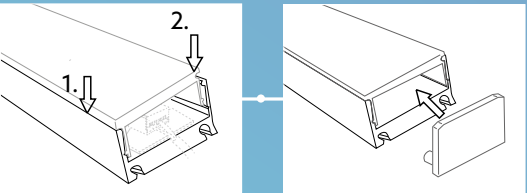
STEP 4
Carefully push the cover in and insert the linear lenses. Do not mount endcaps and mounting material until after covering.
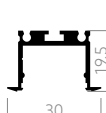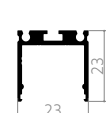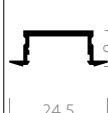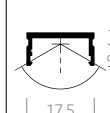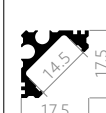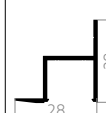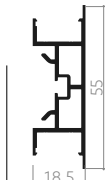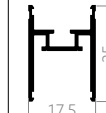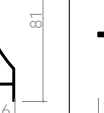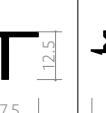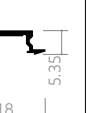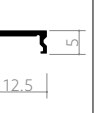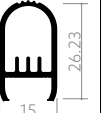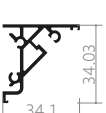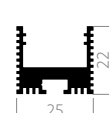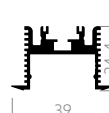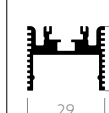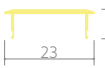
STEP 5
Only use fitted systems from BILTON in order to prevent damage from external power peaks. The maximum connection power (rated voltage) and the maximum operating length must be complied with. Note the polarity as well.

This representation only serves as a guide for assembly and does not replace the complete assembly instructions. The assembly instructions are available at www.biltongroup.com

LED MODULES AND PROFILES

To be able to enjoy your LED module for a long time, it is important that it is fitted on the right surface. For this purpose, BILTON has a wide range of heat dissipating aluminium profiles - in a wide range of options, so that you are not restricted in your choice.

		Installation profile **XT01** 29 W/m	Support profile **XT02** 29 W/m	Support profile **XT03** 29 W/m	Installation profile **YT01** 12 W/m	Support profile **YT02** 12 W/m	Corner profile **YT04** 14 W/m	Wall corner profile **YT05** 20 W/m	Wall profile **YT06** 2 x 25 W/m	Suspended profile **YT07** 20 W/m	Niche profile **YT08** 30 W/m	Flexible profile **YT09** 12 W/m	Installation profile **CT01** 10 W/m	Support profile **CT02** 10 W/m	Wardrobe profile **CT06** 28 W/m	Corner profile **WT02** 30 W/m	Suspended profile **VT01** 19 W/m	Support profile **UT01** 40 W/m	Installation profile **HT01** 35 W/m	Support profile **HT02** 35 W/m	Suspended profile **RT01** 35 W/m
BLONE **600** >80	5.3 W/m	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BLONE **900** >80	7.6 W/m	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BLONE **1300** >80	11.2 W/m	•	•	•	•	•	•	•	•	•	•	•	•				•	•	•	•	•
BLONE **2000** >80	17.4 W/m	•	•	•				•	•	•	•				•	•		•	•	•	•
BLONE **3000** >80	27.6 W/m	•	•	•													•	•	•	•	•
BLONE **600** >90	6.5 W/m	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BLONE **900** >90	9.6 W/m	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BLONE **1300** >90	13.9 W/m	•	•	•		•	•	•	•	•	•				•	•		•	•	•	•
BLONE **2000** >90	21.9 W/m	•	•					•		•					•	•		•	•		•
BLONE **3000** >90	35.0 W/m																	•	•		•
BLECO **250**	2.1 W/m	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BLECO **500**	4.2 W/m	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BLECO **1000**	8.3 W/m	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BLECO **1500**	13.8 W/m	•	•	•	•	•	•	•	•	•	•	•			•	•		•	•	•	•
BLRGB **PRO**	14.4 W/m	•	•	•				•	•	•	•				•	•		•	•	•	•
BLONE **TW**	14.0 W/m	•	•	•				•	•	•	•				•	•		•	•	•	•
BLTWO **TW**	14.0 W/m	•	•	•			•	•	•	•	•				•	•		•	•	•	•

Typical installation situation measured under standard conditions for the stated service life at Tc 60 ° C

PROFILES
AND
COVERS

PROFILES AND COVERS

LED lighting solutions from BILTON are based on a well-conceived, complete system: the BILTON kit. It's highly functional, as all parts at BILTON are matched and go together 100% – from the profile to the accompanying covers and lenses, all the way to the desired LED module for optimum light resolution. The appropriate accessories are included, such as endcaps, connection elements and assembly accessories. Innumerable solutions can be combined as a result.

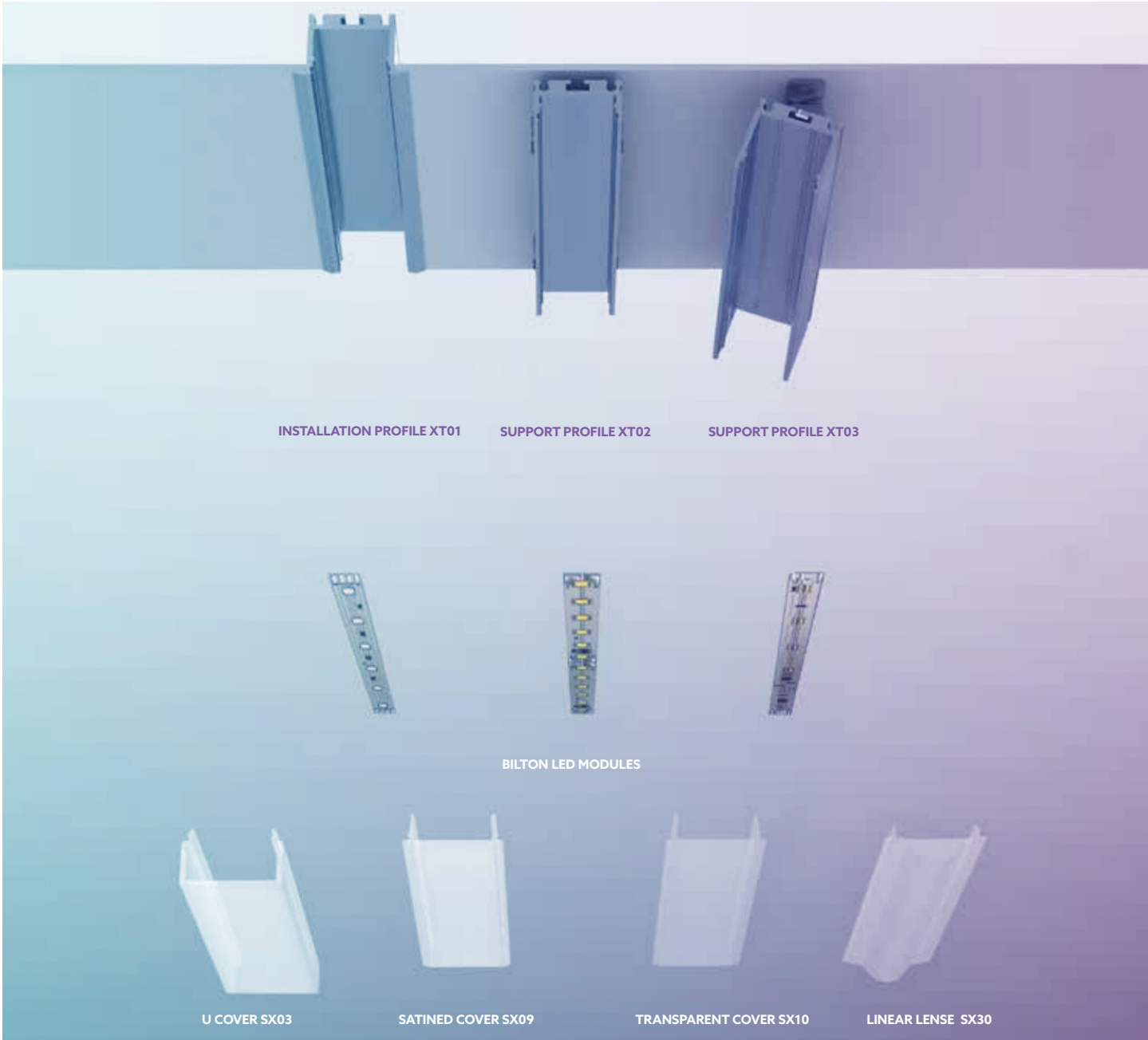| Cover	Installation profile XT01 29 W/m	Support profile XT02 29 W/m	Support profile XT03 29 W/m	Installation profile YT01 12 W/m	Support profile YT02 12 W/m	Corner profile YT04 14 W/m	Wall corner profile YT05 20 W/m	Wall profile YT06 2 x 25 W/m	Suspended profile YT07 20 W/m	Niche profile YT08 30 W/m	Flexible profile YT09 12 W/m	Installation profile CT01 10 W/m	Support profile CT02 10 W/m	Wardrobe profile CT06 28 W/m	Corner profile WT02 30 W/m	Suspended profile VT01 19 W/m	Support profile UT01 40 W/m	Installation profile HT01 35 W/m	Support profile HT02 35 W/m	Suspended profile RT01 35 W/m
Satined U cover SX03	•	•	•																	
Satined cover SX09	•	•	•																	
Transparent cover SX10	•	•	•																	
Linear lense 35° SX30	•	•	•																	
Satined cover YX01				•	•	•	•	•	•	•										
Transparent cover YX02				•	•	•	•	•	•	•										
Satined U cover YX03				•	•	•	•	•	•	•										
Satined U cover CX03												•	•	•						
Linear lense 60° CX05												•	•	•						
Asy. linear lense 80/5° CX06												•	•	•						
Satined L cover WX01															•					
Pipe cover VX01																•				
Satined cover UX01																	•			
Transparent cover HX09																		•	•	
Satined cover HX10																		•	•	
Pipe cover RX01																				•

PROFILE
XT SERIES

Aluminium profiles from the XT series, comprising 3 profiles and 4 covers. The covers can be combined with any XT profile. The surface is anodised aluminium.


INSTALLATION PROFILE XT01   SUPPORT PROFILE XT02   SUPPORT PROFILE XT03

BILTON LED MODULES

U COVER SX03   SATINED COVER SX09   TRANSPARENT COVER SX10   LINEAR LENSE SX30

PROFILES

NAME	WATT / M	ART. NO.
Installation profile **XT01**	29 W	170252
Support profile **XT02**	29 W	170253
Support profile **XT03**	29 W	170254

INSTALLATION PROFILE XT01   SUPPORT PROFILE XT02   SUPPORT PROFILE XT03
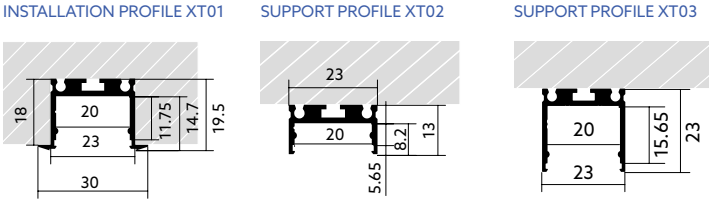
COVERS

NAME	TRANSMITTANCE	ART. NO.
U cover **SX03**	59 %	170369
Satined cover **SX09**	57 %	170402
Transparent cover **SX10**	85 %	170403
Linear lense 35° **SX30**	72 %	170370

U COVER SX03   COVER SX09   COVER SX10   LINEAR LENSE SX30

Note: Slide in lenses, do not push in.
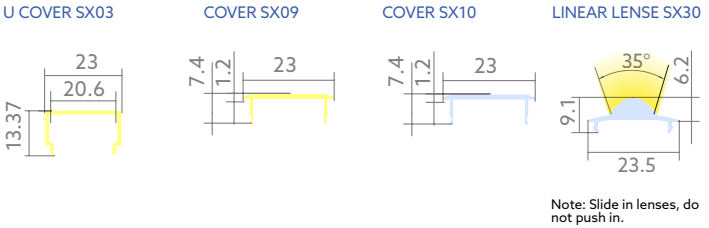
INSTALLATION MATERIAL

NAME	DIMENSIONS (W x H x L) IN MM	ART. NO.
Bracket **XTC4**	10 x 14 x 14.5	170456
Installation clip **XTC2***	21.5 x 15 x 40	170455
Assembly magnet **XTM1**	20 x 6 x 20	170458
Spring steel clip **XTC5**	24.5 x 7.4 x 10	170457
Cable suspension **XTA2**	Ø 6 x 2,000	170454
Swivel fastening **YTC8**	30 x 28 x 30	170469

* Delivered in individual parts

ENDCAPS

NAME	DIMENSIONS (W x H x L) IN MM	PROFILE & COVER	ART. NO.
XT001	30 x 21 x 6.2	XT01 // SX09 / SX10	170599
XT00U-E	30 x 30 x 8	XT01 // SX03	170453
XT002	23 x 14 x 2	XT02 // SX09 / SX10	170527
XT00U	23 x 23.5 x 7	XT02 // SX03	170452
XT003U	23 x 33.5 x 7	XT03 // SX03	170450
XT030	25 x 23 x 2	XT03 // SX09 / SX10	170597

For an illustration of the endcap and mounting material, see page 36 / 37.

COMBINATION POSSIBILITIES

			INSTALLATION MATERIAL					COVERS AND ENDCAPS				
ART. NO.	WATT / M	ASSEMBLY	SPRING STEEL CLIP	BRACKET / SWIVEL FASTENING	INSTALLATION CLIP / CABLE	MAGNET	COVER	ENDCAP	U COVER	ENDCAP	LENSE	ENDCAP
XT01 // 170252	29 W	Installation profile	XTC5 // 170457	-	XTC2 // 170455	XTM1 // 170458	SX09 // 170402 SX10 // 170403	XT001 // 170599	SX03 // 170369	XT00U-E // 170453	SX30 // 170370	-
XT02 // 170253	29 W	Support profile	XTC5 // 170457	XTC4 // 170456 YTC8 // 170469	XTA2 // 170454	XTM1 // 170458	SX09 // 170402 SX10 // 170403	XT002 // 170527	SX03 // 170369	XT00U // 170452	SX30 // 170370	-
XT03 // 170254	29 W	Support profile	XTC5 // 170457	XTC4 // 170456 YTC8 // 170469	XTA2 // 170454	XTM1 // 170458	SX09 // 170402 SX10 // 170403	XT030 // 170597	SX03 // 170369	XT003U // 170450	SX30 // 170370	-

* Standard length of 2 m, orders of up to 6 m in one piece are possible upon request. For profile lengths above 2 m, increased shipping costs must be expected.
** Linear lenses and asymmetric linear lenses are not suitable in combination with RGB or TW modules.
Please note that there may be a cutting tolerance.
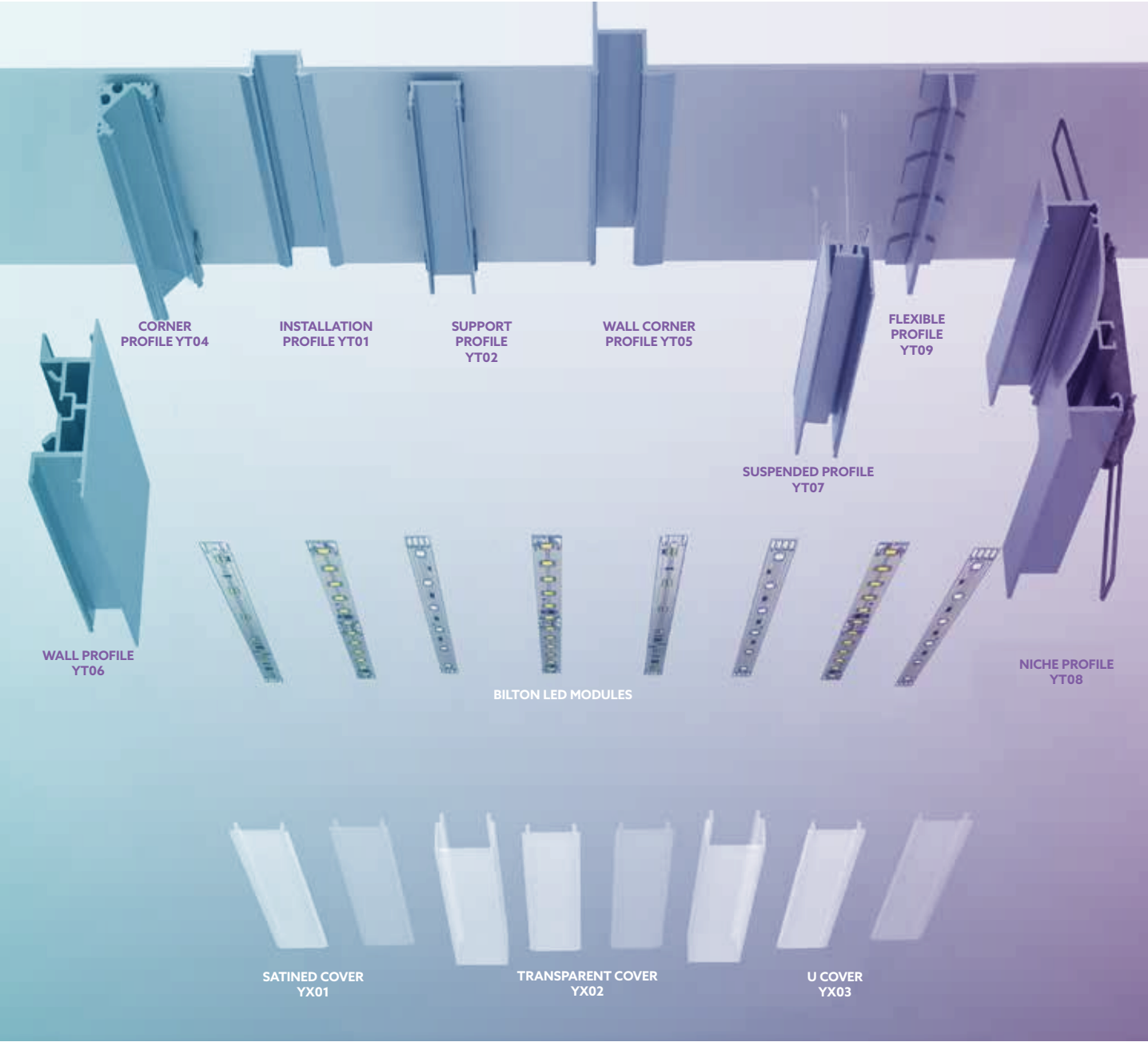
PROFILE
YT SERIES

Aluminium profiles of the YT series, comprising 8 profiles and 3 covers. The covers can be combined with any YT profile. The surface is anodised aluminium (apart from the YT09 profile, which is blank-pressed).
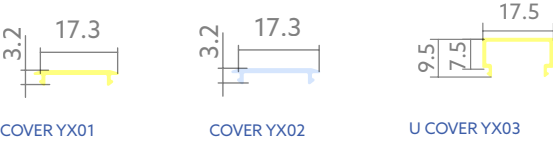

CORNER PROFILE YT04

INSTALLATION PROFILE YT01

SUPPORT PROFILE YT02

WALL CORNER PROFILE YT05

FLEXIBLE PROFILE YT09

SUSPENDED PROFILE YT07

WALL PROFILE YT06

NICHE PROFILE YT08

BILTON LED MODULES

SATINED COVER YX01

TRANSPARENT COVER YX02

U COVER YX03

PROFILE

NAME	WATT / M	ART. NO.
Installation profile YT01	12 W	170255
Support profile YT02	12 W	170256
Corner profile YT04	14 W	170257
Wall corner profile YT05	20 W	170258
Wall profile YT06	2 x 25 W	170259
Suspended profile YT07	20 W	170260
Niche profile YT08	30 W	170261
Flexible profile YT09	12 W	170262
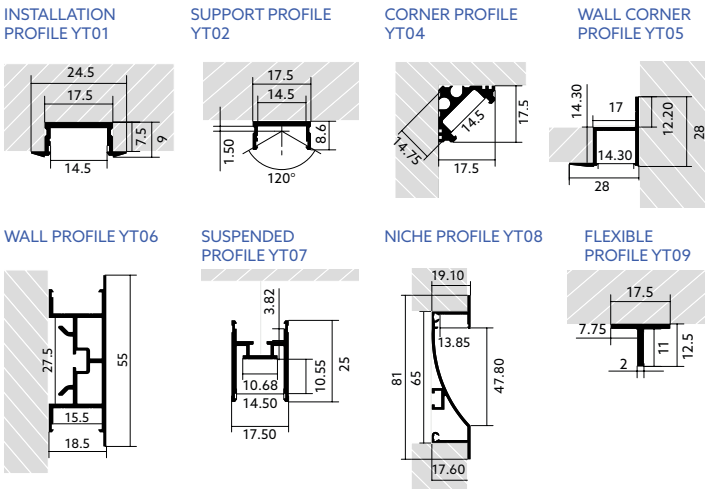
COVERS

NAME	TRANSMITTANCE	ART. NO.
Satined cover YX01	58 %	170374
Transparent cover YX02	88 %	170375
U cover YX03	65 %	170376

COVER YX01

COVER YX02

U COVER YX03

INSTALLATION MATERIAL

INSTALLATION PROFILE YT01

SUPPORT PROFILE YT02

CORNER PROFILE YT04

WALL CORNER PROFILE YT05

WALL PROFILE YT06

SUSPENDED PROFILE YT07

NICHE PROFILE YT08

FLEXIBLE PROFILE YT09

NAME	DIMENSIONS (W x H x L) IN MM	ART. NO.
Spring steel clip YTC5	19.5 x 7.5 x 10	170468
Magnetic strip YTM5	10 x 1.2 x 1,000	170470
Spring steel clip XTC5	24.5 x 7.4 x 10	170457
Cable suspension XTA2	Ø 6 x 2,000	170454
Swivel fastening YTC8	30 x 28 x 30	170469
Line connector 6 x 3 YTV1	6 x 3.5 x 50	170471
Installation clip YTC2	63.2 x 8 x 20	170467

ENDCAPS

NAME	DIMENSIONS (W X H x L) IN MM	PROFILE & COVER	ART. NO.
YT00E-A	24.5 x 9.5 x 7.5	YT01 // YX01 / YX02	170464
YT00U-A	17.5 x 16.1 x 4.5	YT02 // YX03	170465
YT00	17.5 x 9.6 x 6.5	YT02 // YX01 / YX02	170459
YT004	17.5 x 17.5 x 4.5	YT04 // YX01 / YX02	170460
YT006	18.5 x 55 x 6.5	YT06 // YX01 / YX02	170461
YT007	17.5 x 26 x 5.5	YT07 // YX01 / YX02	170462
YT008	81 x 19.1 x 15	YT08 // YX01 / YX02	170463

For an illustration of the endcap and mounting material, see page 36 / 37.

COMBINATION POSSIBILITIES

ART. NO.	WATT / M	ASSEMBLY	INSTALLATION MATERIAL				COVERS AND ENDCAPS			
			SPRING STEEL CLIP	BRACKET / SWIVEL FASTENING	INSTALLATION CLIP / CABLE	MAGNET / CONNECTOR	COVER	ENDCAP	U-COVER	ENDCAP
YT01 // 170255	12 W	Installation profile	YTC5 // 170468	-	-	YTM5 // 170470	YX01 // 170374 YX02 // 170375	YT00E-A // 170464	YX03 // 170376	-
YT02 // 170256	12 W	Support profile	YTC5 // 170468	-	-	YTM5 // 170470	YX01 // 170374 YX02 // 170375	YT00 // 170459	YX03 // 170376	YT00U-A // 170465
YT04 // 170257	14 W	Corner profile	YTC5 // 170468	-	-	-	YX01 // 170374 YX02 // 170375	YT004 // 170460	YX03 // 170376	-
YT05 // 170258	20 W	Wall corner profile	-	-	-	YTM5 // 170470	YX01 // 170374 YX02 // 170375	-	YX03 // 170376	-
YT06 // 170259	2 x 25 W	Wall profile	XTC5 // 170457	YTC8 // 170469	-	YTV1 // 170471	YX01 // 170374 YX02 // 170375	YT006 // 170461	YX03 // 170376	-
YT07 // 170260	20 W	Suspended profile	YTC5 // 170468	YTC8 // 170469	XTA2 // 170454	YTV1 // 170471	YX01 // 170374 YX02 // 170375	YT007 // 170462	YX03 // 170376	-
YT08 // 170261	30 W	Niche profile	-	-	YTC2 // 170467	YTV1 // 170471	YX01 // 170374 YX02 // 170375	YT008 // 170463	-	-
YT09 // 170262	12 W	Flexible profile	-	-	-	-	-	-	-	-

* Standard length of 2 m, orders of up to 6 m in one piece are possible upon request. For profile lengths above 2 m, increased shipping costs must be expected. Please note that there may be a cutting tolerance.

PROFILE
CT SERIES

Aluminium profiles from the CT series, comprising 3 profiles and 3 covers. The covers can be combined with any CT profile. The surface is anodised aluminium.

SUPPORT PROFILE
CT02

INSTALLATION PROFILE
CT01

WARDROBE PROFILE
CT06

BILTON LED MODULES

U COVER CX03

LINEAR LENSE CX05

ASY. LINEAR LENSE CX06

PROFILE

NAME	WATT / M	ART. NO.
Installation profile **CT01**	10 W	170239
Support profile **CT02**	10 W	170240
Wardrobe profile **CT06**	28 W	170241

INSTALLATION PROFILE CT01

12.20
9.40
18
5.35

SUPPORT PROFILE CT02

9.4
12.50
5

WARDROBE PROFILE CT06

15
26.23
13.1
9.7
6

COVERS

NAME	TRANSMITTANCE	ART. NO.
U cover **CX03**	67 %	170364
Linear lense **CX05****	83 %	170365
Asy. linear lense 80/5° **CX06****	86 %	170366

U COVER CX03

1.2
12.50
8.80

LINEAR LENSE CX05

12.5
60°
2.3
7.70

Note: Slide in lenses, do not push in.

ASY. LINEAR LENSE CX06

5° 75°
13.48
7.93

Note: Slide in lenses, do not push in.

INSTALLATION MATERIAL

NAME	DIMENSIONS (W x H x L) IN MM	ART. NO.
Spring steel clip **CTC5**	14.4 x 7.5 x 10	170442
Magnetic strip **YTM5**	10 x 1.2 x 1,000	170470
Oval pipe support **CT006-AF**	12.4 x 18 x 44	170438
Centre support **CT006-MT**	17.5 x 21.5 x 92	170439
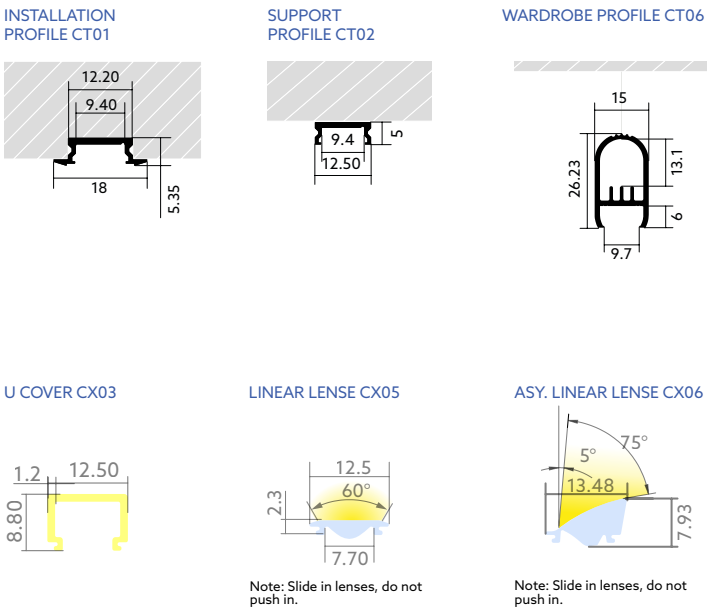
ENDCAPS

NAME	DIMENSIONS (W x H x L) IN MM	PROFILE & COVER	ART. NO.
CT00E-A	18 x 6 x 7.25	CT01 // CX05	170440
CT00	12.5 x 6 x 4	CT02 // CX05	170436
CT00U-A	12.5 x 12.5 x 4	CT02 // CX03	170441
CT006	15 x 27 x 6	CT06 // CX05	170437

For an illustration of the endcap and mounting material, see page 36 / 37.

COMBINATION POSSIBILITIES

			INSTALLATION MATERIAL						COVERS AND ENDCAPS					
ART. NO.	WATT / M	ASSEMBLY	SPRING STEEL CLIP	BRACKET / SWIVEL FASTENING	INSTALLATION CLIP / CABLE	MAGNET	COVER	ENDCAP	U COVER	ENDCAP	LENSES	ENDCAP	LENSES	ENDCAP
CT01 // 170239	10 W	Installation profile	CTC5 // 170442	-	-	YTM5 // 170470	-	-	CX03 // 170364	-	CX05 // 170365	CT00E-A // 170440	CX06 // 170366	-
CT02 // 170240	10 W	Support 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 of 2 m, orders of up to 6 m in one piece are possible upon request. For profile lengths above 2 m, increased shipping costs must be expected.
** Linear lenses and asymmetric linear lenses are not suitable in combination with RGB or TW modules.
Please note that there may be a cutting tolerance.

PROFILE
WT SERIES

Aluminium profile of the WT series, comprising 1 profile and 1 cover. The cover can be combined with the WT profile. The surface is anodised aluminium.

PROFILE

NAME	WATT / M	ART. NO.
Corner profile WT02	30 W	170251

CORNER PROFILE WT02

34.1
27.54
34.03
14.91

COVERS

NAME	TRANS-MITTANCE	ART. NO.
L cover WX01	73 %	170373

L COVER WX01

32.50
32.50

INSTALLATION MATERIAL

NAME	DIMENSIONS (W x H x L) IN MM	ART. NO.
Spring steel clip XTC5	24.5 x 7.4 x 10	170457
Line connector 6 x 3 YTV1	6 x 3.5 x 50	170471

ENDCAPS

NAME	DIMENSIONS (W x H x L) IN MM	PROFILE & COVER	ART. NO.
WT00	34 x 34 x 7.5	WT02 // WX01	170447

For an illustration of the endcap and mounting material, see page 36 / 37.

CORNER PROFILE WT02

BILTON LED MODULES
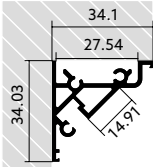
L COVER WX01
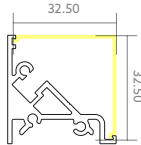
COMBINATION POSSIBILITIES

			INSTALLATION MATERIAL		COVER AND ENDCAP	
ART. NO.	LED MODULES WATT / M	ASSEMBLY	SPRING STEEL CLIP	MAGNET	COVER	ENDCAP
WT02 // 170251	30 W	Corner profile	XTC5 // 170457	YTV1 // 170471	WX01 // 170373	WT00 // 170447

PROFILE
VT SERIES

Aluminium profile of the VT series, comprising 1 profile and 1 cover. The cover can be combined with the VT profile. The surface is anodised aluminium.

PROFILE

NAME	WATT / M	ART. NO.
Suspended profile VT01	19 W	170250

SUSPENDED PROFILE VT01

6.26
12.68

COVERS

NAME	TRANS-MITTANCE	ART. NO.
Pipe cover VX01	66 %	170372

PIPE COVER VX01

8.67
ø 21

INSTALLATION MATERIAL

NAME	DIMENSIONS (W x H x L) IN MM	ART. NO.
Swivel fastening YTC8	30 x 28 x 30	170469
Line connector 6 x 3 YTV1	6 x 3.5 x 50	170471
Installation clip VTC1*	14.4 x 11 x 10.5	170446
Cable suspension XTA2	Ø 6 x 2,000	170454

* Only use in combination with installation clip XTC5 (Art.no: 170457).

SUSPENDED PROFILE VT01

BILTON LED MODULES

PIPE COVER VX01

ENDCAPS

NAME	DIMENSIONS (W x H x L) IN MM	PROFILS & COVER	ART. NO.
VT001	21 x 7.5 x 21	VT01 // VX01	170445

For an illustration of the endcap and mounting material, see page 36 / 37.
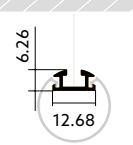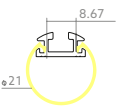
COMBINATION POSSIBILITIES

			INSTALLATION MATERIAL				COVER AND ENDCAP	
ART. NO.	MODULES WATT / M	ASSEMBLY	SPRING STEEL CLIP	BRACKET / SWIVEL FASTENING	CABLE SUSPENSION	MAGNET	COVER	ENDCAP
VT01 // 170250	19 W	Suspended profile	VTC1 // 170446	YTC8 // 170469	XTA2 // 170454	YTV1 // 170471	VX01 // 170372	VT001 // 170445

* Standard length of 2 m, orders of up to 6 m in one piece are possible upon request. For profile lengths above 2 m, increased shipping costs must be expected. Please note that there may be a cutting tolerance.
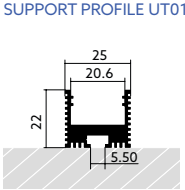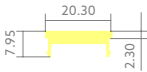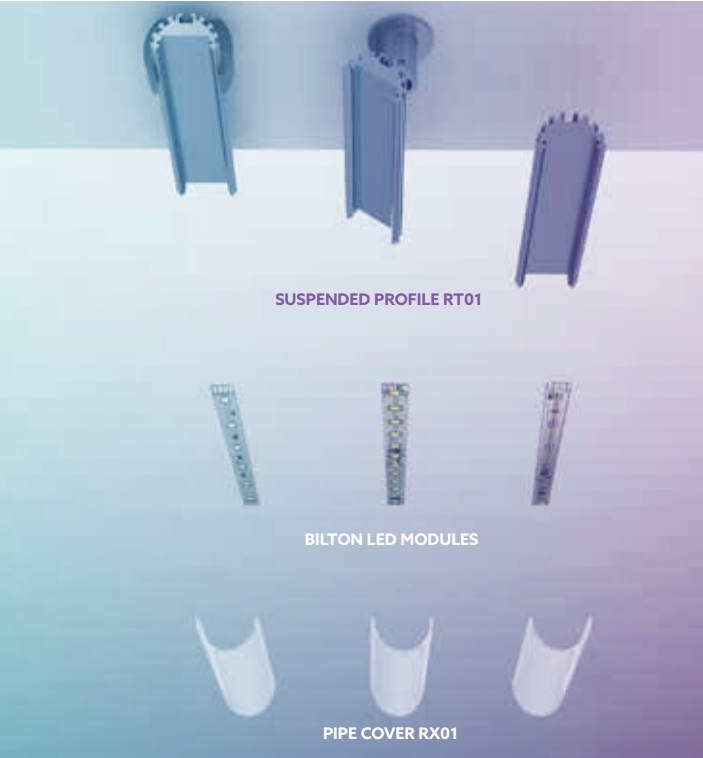
PROFILE
UT SERIES

Aluminium profile of the UT series, comprising 1 profile and 1 cover. The cover can be combined with the UT profile. The surface is anodised aluminium.

SUPPORT PROFILE UT01

BILTON LED MODULES

SATINED COVER UX01

PROFILE

SUPPORT PROFILE UT01

NAME	WATT / M	ART. NO.
Support profile UT01	40 W	170249

COVERS

COVER UX01

NAME	TRANS-MITTANCE	ART. NO.
Satined cover UX01	53 %	170371

INSTALLATION MATERIAL

NAME	DIMENSIONS (W x H x L) IN MM	ART. NO.
Installation panel UTM1	55 x 14 x 2	170444
Line connector 8 x 3 YTV2	8 x 3.5 x 50	170472

ENDCAPS

NAME	DIMENSIONS (W x H x L) IN MM	PROFILE & COVER	ART. NO.
UT001	226 x 22 x 6	UT01 // UX01	170443

COMBINATION POSSIBILITIES

ART. NO.	MODULES WATT / M	ASSEMBLY	SPRING STEEL CLIP	BRACKET / SWIVEL FASTENING	CABLE SUSPENSION	MAGNET	COVER	ENDCAP
UT01 // 170249	40 W	Support profile	UTM1 // 170444	–	–	YTV2 // 170472	UX01 // 170371	UT001 // 170443

PROFILE
RT SERIES

Aluminium profile of the RT series, comprising 1 profile and 1 cover. The cover can be combined with the RT profile. The surface is anodised aluminium.

SUSPENDED PROFILE RT01

BILTON LED MODULES

PIPE COVER RX01

PROFILE

SUSPENDED PROFILE RT01

NAME	WATT / M	ART. NO.
Suspended profile RT01	35 W	170682
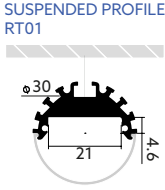
COVERS

PIPE COVER RX01

NAME	TRANS-MITTANCE	ART. NO.
Pipe cover RX01	66 %	170727

INSTALLATION MATERIAL

NAME	DIMENSIONS (W x H x L) IN MM	ART. NO.
Cable suspension XTA2	Ø 6 x 2,000	170454
Swivel fastening YTC8	30 x 28 x 30	170469
Line connector 6 x 3 YTV1	6 x 3.5 x 50	170471
Bracket XTC4	10 x 14 x 14.5	170456
Clip RTC1	12 x 30 x 40	170702

ENDCAPS

NAME	DIMENSIONS (W x H x L) IN MM	PROFILE & COVER	ART. NO.
RT001	Ø 32 x 14 mm	RT01 // RX01	170628
RT001B	Ø 32 x 14 mm	RT01 // RX01	170631

COMBINATION POSSIBILITIES

ART. NO.	MODULES WATT / M	ASSEMBLY	SPRING STEEL CLIP	BRACKET / SWIVEL FASTENING	CABLE SUSPENSION	MAGNET	COVER	ENDCAP
RT01 // 170682	35 W	Suspended profile	RTC1 // 170702	YTC8 // 170469 XTC4 // 170456	XTA2 // 170454	YTV1 // 170471	RX01 // 170727	RT001 // 170628 RT001B // 170631

* Standard length of 2 m, orders of up to 6 m in one piece are possible upon request. For profile lengths above 2 m, increased shipping costs must be expected. Please note that there may be a cutting tolerance.
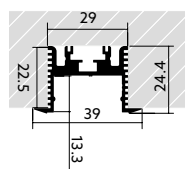
PROFILE
HT SERIES

Aluminium profiles from the HT series, comprising 2 profiles and 2 covers. The covers can be combined with any HT profile. The surface is anodised aluminium.
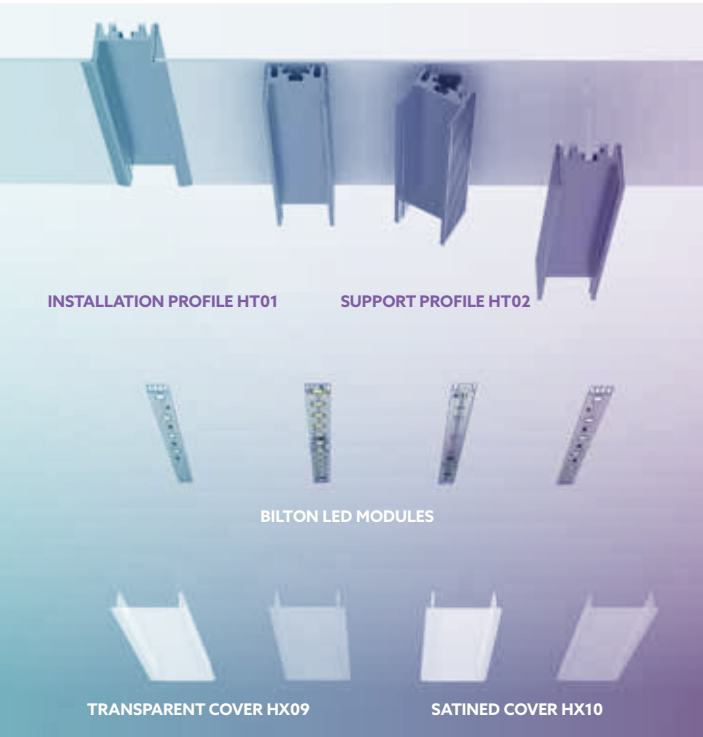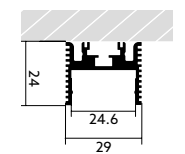
PROFILE

NAME	WATT / M	ART. NO.
Installation profile HT01	35 W	170690
Support profile HT02	35 W	170686

INSTALLATION PROFILE HT01

SUPPORT PROFILE HT02

COVERS

NAME	TRANS-MITTANCE	ART. NO.
Satined cover HX10	57 %	170723
Transparent cover HX09	85 %	170703

COVER HX10

COVER HX09

INSTALLATION PROFILE HT01   SUPPORT PROFILE HT02

BILTON LED MODULES

TRANSPARENT COVER HX09   SATINED COVER HX10
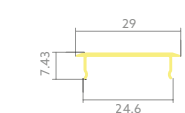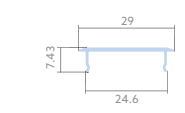
ENDCAPS

NAME	DIMENSIONS (W x H x L) IN MM	PROFILE & COVER	ART. NO.
HT001	29 x 25 x 10.5	HT01 // HX09 / HX10	170633
HT002	29 x 25 x 9.5	HT02 // HX09 / HX10	170632

For an illustration of the endcap and mounting material, see page 36 / 37.

INSTALLATION MATERIAL

NAME	DIMENSIONS (W x H x L) IN MM	ART. NO.
Bracket XTC4	10 x 14 x 14.5	170456
Line connector 6 x 3 YTV1	6 x 3.5 x 50	170471
Spring steel clip YTC5	19.5 x 7.5 x 10	170468
Cable suspension XTA2	Ø 6 x 2,000	170454
Swivel fastening YTC8	30 x 28 x 30	170469

COMBINATION POSSIBILITIES

				INSTALLATION MATERIAL			COVER AND ENDCAPS	
ART. NO.	MODULES WATT / M	ASSEMBLY	SPRING STEEL CLIP	BRACKET / SWIVEL FASTENING	CABLE SUSPENSION	MAGNET	COVER	ENDCAPS
HT01 // 170690	35 W	Installation profile	YTC5 // 170468	YTC8 // 170469 XTC4 // 170456	XTA2 // 170454	YTV1 // 170471	HX09 // 170703 HX10 // 170723	HT001 // 170633
HT02 // 170686	35 W	Support profile	YTC5 // 170468	YTC8 // 170469 XTC4 // 170456	XTA2 // 170454	YTV1 // 170471	HX09 // 170703 HX10 // 170723	HT002 // 170632

* Standard length of 2 m, orders of up to 6 m in one piece are possible upon request. For profile lengths above 2 m, increased shipping costs must be expected. Please note that there may be a cutting tolerance.

INSTALLATION
MATERIAL

All BILTON profile families have extensive installation material – this means that profiles can, for example, be used as recessed, suspended or angled luminaires. And the perfect finish is the matching endcap.

VT SERIES
Page 31

ENDCAPS	INSTALLATION MATERIAL
Endcap VT001 / 170445	Installation clip * VTC1 / 170446

* Only use in combination with installation clip XTC5 (Art.no: 170457)

UT SERIES
Page 32

ENDCAPS	INSTALLATION MATERIAL
Endcap UT001 / 170443	Installation panel UTM1 / 170444

RT SERIES
Page 33

ENDCAPS		INSTALLATION MATERIAL
Endcap RT001 / 170628	Endcap RT001B / 170631	Clip RTC1 / 170702

HT SERIES
Page 34

ENDCAPS	
Endcap HT001 / 170633	Endcap HT002 / 170632

WT- SERIES
Page 34

ENDCAPS
Endcap WT00 / 170447

YT SERIES
Page 26

ENDCAPS

Endcap YT00E-A / 170464	Endcap YT00U-A / 170465	Endcap YT00 / 170459	Endcap YT004 / 170460	Endcap YT006 / 170461	Endcap YT007 / 170462

INSTALLATION MATERIAL

Spring steel clip YTC5 / 170468	Line connector 6 x 3 YTV1 / 170471	Swivel fastening YTC8 / 170456	Magnetic strips YTM5 / 170470	Installation clip YTC2 / 170467	Endcap YT008 / 170463

XT SERIES
Page 24

ENDCAPS

Endcap XT001 / 170599	Endcap XT002 / 170527	Endcap XT030 / 170597	Endcap XT00U-E / 170453	Endcap XT00U / 170452	Endcap XT003U / 170450

INSTALLATION MATERIAL

Spring steel clip XTC5 / 170457	Installation clip * XTC2 / 170455	Bracket XTC4 / 170456	Cable suspension XTA2 / 170454	Assembly magnet XTM1 / 170458

* Delivered in individual parts

CT SERIES
Page 28

ENDCAPS				INSTALLATION MATERIAL	
Endcap CT006 / 170437	Endcap CT00 / 170436	Endcap CT00U-A / 170441	Endcap CT00E-A / 170440	Oval pipe support CT006-AF / 170438	Centre support CT006-MT / 170455
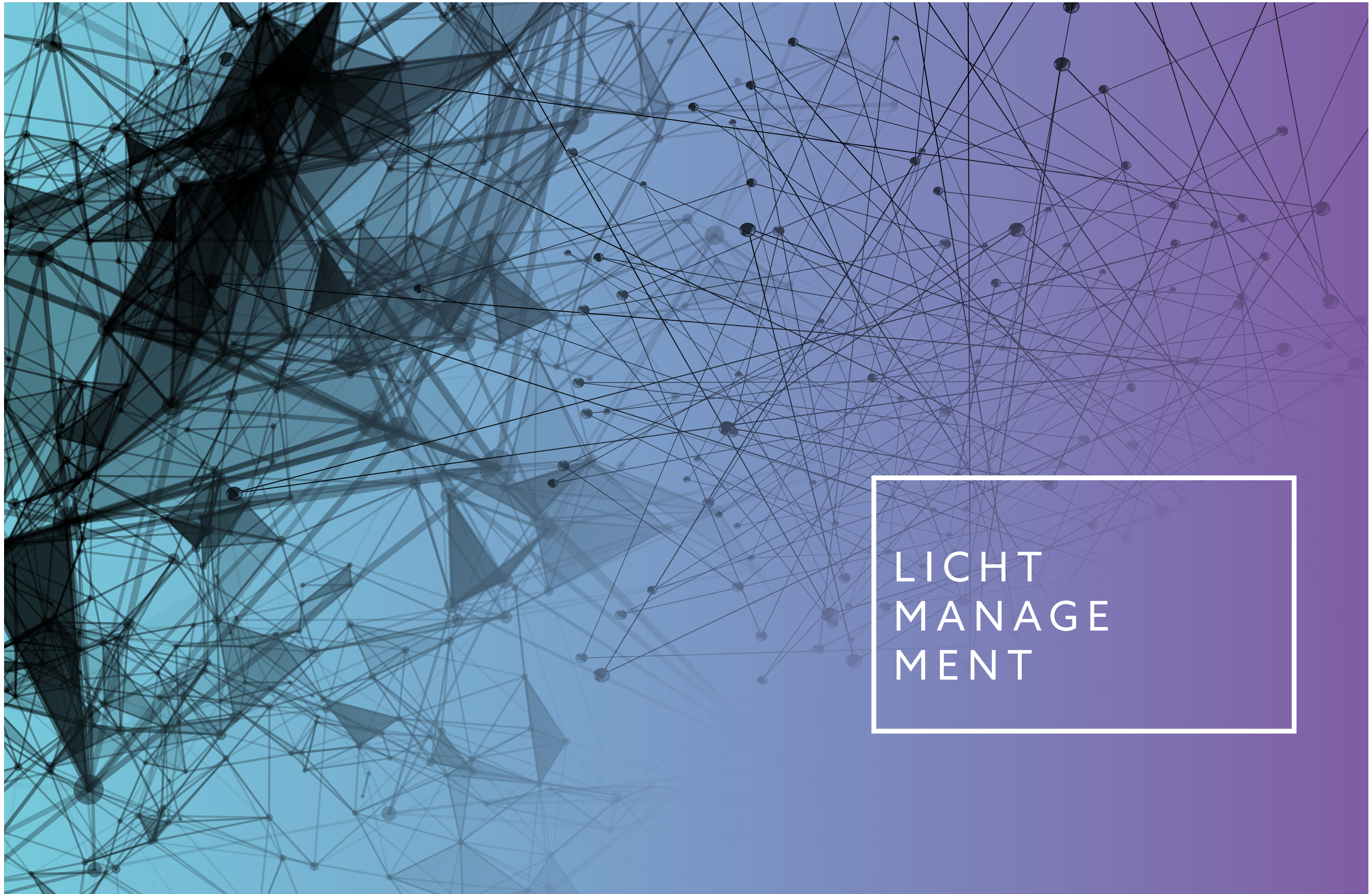
LICHT
MANAGE
MENT

L E D
DIMMERS

BASIC
SERIES

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

NAME	CONTROL SIGNAL	SUPPLY VOLTAGE	OUTPUT VOLTAGE	OUTPUTRATING	OUTPUT LOAD	NUMBER OF CHANNELS	ART. NO.
KNX Basic	KNX*	12 - 24 VDC	12 - 24 VDC	240 W / 24 V	10 A max.	1 – 4	101645
DALI / SWITCH DIMM Basic	DALI / SWITCH DIMM	12 - 24 VDC	12 - 24 VDC	240 W / 24 V	10 A max.	1 – 4	101639
DMX / ANALOG Basic	DMX / ANALOG	12 - 24 VDC	12 - 24 VDC	240 W / 24 V	10 A max.	1 – 4	101643

REG
SERIES

The REG series is a 1 to 4-channel LED dimmer for modules in constant current 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 amps, the power is divided across 1-4 channels as required. At between 10 and 14 amps, the load has to be distributed equally. An external power supply is required for commissioning. Triple distribution unit for distributor installation.

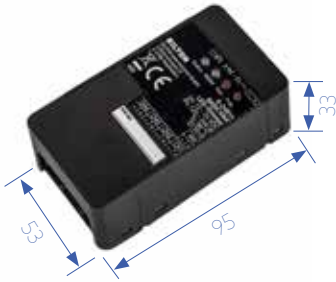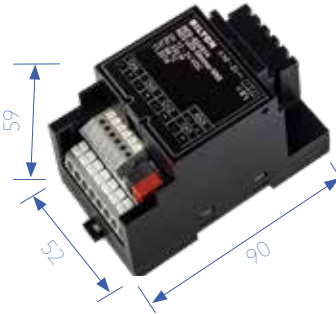| NAME	CONTROL SIGNAL	SUPPLY VOLTAGE	OUTPUT VOLTAGE	OUTPUT RATING	OUTPUT LOAD	NUMBER OF CHANNELS	ART. NO.
KNX REG	KNX*	12 - 24 VDC	12 - 24 VDC	336 W / 24 V	4 x 3,5 A	1 – 4	101673
DALI / SWITCH DIMM REG	DALI / SWITCH DIMM	12 - 24 VDC	12 - 24 VDC	336 W / 24 V	4 x 3,5 A	1 – 4	101670
DMX / ANALOG REG	DMX / ANALOG	12 - 24 VDC	12 - 24 VDC	336 W / 24 V	4 x 3,5 A	1 – 4	101672

STEEL
DIMMER

WHILE STOCKS LAST

The BASIC steel series is a 1 – 4 channel LED dimmer for modules used in constant voltage. It convinces through its form factor but high reliability and is ideal in areas that are difficult to access. Operationally it requires an external power supply,

NAME	CONTROL SIGNAL	SUPPLY VOLTAGE	OUTPUT VOLTAGE	OUTPUT RATING	OUTPUT LOAD	NUMBER OF CHANNELS	ART. NO.
EnOcean Steel	EnOcean	12 - 24 VDC	12 - 24 VDC	up to 200 W / 24 V	4 x 2.2 A max..	1 – 4	101637

SXT
SERIES

The SXT series is a 1 to 4 channel LED dimmer for constant voltage-powered LED modules with 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 amps to 1 – 4 channels.

NAME	CONTROL SIGNAL	SUPPLY VOLTAGE	OUTPUT VOLTAGE	OUTPUT RATING	OUTPUT LOAD	NUMBER OF CHANNELS	ART. NO.
KNX SXT	KNX*	230 VAC	24 VDC	100 W / 24 V	4 A max.	1 – 4	101651
DALI SXT	DALI	230 VAC	24 VDC	100 W / 24 V	4 A max.	1 – 4	101647
DMX / ANALOG SXT	DMX / ANALOG	230 VAC	24 VDC	100 W / 24 V	4 A max.	1 – 4	101649

* KNX application and manual in the download area at www.biltongroup.com.

POWER SUPPLIES

POWER SUPPLY ECO

POWER OUTPUT	VOLTAGE OUTPUT	IP CLASS	DIMENSIONS (W x H X L) IN MM	SUPPLY VOLTAGE	FREQUENCY HZ	ART. NO.
35 W	24 VDC	IP20	30 x 21 x 188	220 – 240 VAC	47 – 63	170160
60 W	24 VDC	IP20	30 x 21 x 240	220 – 240 VAC	47 – 63	170162
100 W	24 VDC	IP20	30 x 21 x 305	220 – 240 VAC	47 – 63	170166
Endcap set for ECO power packs* (2 endcaps and 2 screws)						170548

POWER SUPPLY IP

POWER OUTPUT	VOLTAGE OUTPUT	IP CLASS	DIMENSIONS (W x H X L) IN MM	SUPPLY VOLTAGE	FREQUENCY HZ	ART. NO.
30 W	24 VDC	IP67	40 x 30 x 148	90 – 240 VAC	47 – 63	170158
60 W	24 VDC	IP67	42.5 x 32 x 162.5	90 – 240 VAC	47 – 63	170163
100 W	24 VDC	IP67	68 x 38.8 x 222	90 – 240 VAC	47 – 63	170167
150 W	24 VDC	IP67	68 x 38.8 x 222	90 – 240 VAC	47 – 63	170170
240 W	24 VDC	IP67	68 x 38.8 x 244	90 – 240 VAC	47 – 63	170171

POWER SUPPLY LB

POWER OUTPUT	VOLTAGE OUTPUT	IP CLASS	DIMENSIONS (W x H X L) IN MM	SUPPLY VOLTAGE	FREQUENCY HZ	ART. NO.
50 W	5 VDC	IP20	97 x 36 x 99	90 – 240 VAC	47 – 63	170787
150 W	24 VDC	IP20	93 x 38 x 199	90 – 240 VAC	47 – 63	170169

POWER SUPPLY REG

POWER OUTPUT	VOLTAGE OUTPUT	IP CLASS	DIMENSIONS (W x H X L) IN MM	SUPPLY VOLTAGE	FREQUENCY HZ	ART. NO.
240 W	24 VDC	IP20	100 x 125.5 x 125.2	90 – 240 VAC	47 – 63	170172
480 W	24 VDC	IP20	100 x 227 x 125.2	90 – 240 VAC	47 – 63	170173

BOX POWER SUPPLY BASE

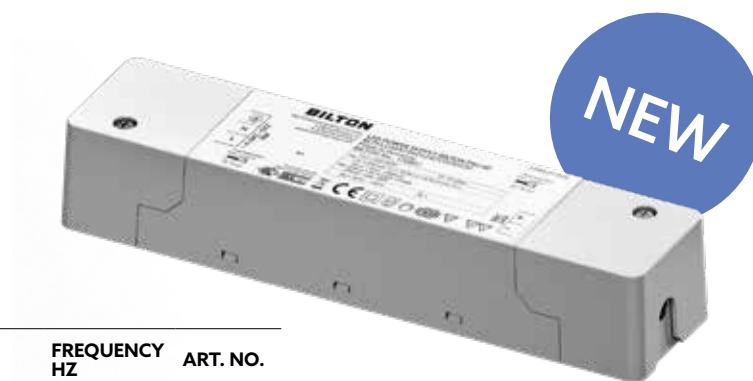| POWER OUTPUT	VOLTAGE OUTPUT	IP CLASS	DIMENSIONS (W x H X L) IN MM	SUPPLY VOLTAGE	FREQUENCY HZ	ART. NO.
6 W	24 VDC	IP20	50.8 x 32 x 54.5	230 VAC	47 – 63	170199

Note: Flush-mounted plug part e.g. for BASE light scene controller

Power packs are the connectors to the electricity network and form the basis for the interruption-free operation of linear LED solutions. High-quality power packs guarantee that the best can be obtained from linear LED lighting. BILTON power packs are characterised by very high efficiency, a long lifetime, uninterrupted operation and constant voltage over the lifecycle. Different power classes and designs make it possible to find the optimum LED power pack for the respective application.

NEW

POWER SUPPLY BILTON DRIVE

POWER OUTPUT	VOLTAGE OUTPUT	IP CLASS	DIMENSIONS (W x H X L) IN MM	SUPPLY VOLTAGE	FREQUENCY HZ	ART. NO.
60 W	24 VDC	IP20	53 x 40 x 222	220 – 240 VAC	50 – 60	170807
100 W	24 VDC	IP20	53 x 40 x 222	220 – 240 VAC	50 – 60	170806

* More information can be found at www.biltongroup.com.
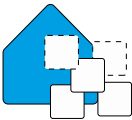
DALI
LIGHT
CONTROL

DALI LIGHT CONTROL GATEWAY

DALI is the traditional light bus standard for the central control the LED light management. Apart from a touchpanel, 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. It is also possible to control the blinds. For example, the most important rooms can be illuminated with the quick button "WELCOME" even before entering the house. Of course, DALI buttons can be integrated so that you can also use the familiar switches. Living areas can quickly be given just the appropriate ambience using the freely programmable scenes. The finished program can be exported at any time and imported to another iPhone/iPad. The BILTON LC app can be downloaded from the App Store free of charge. And the best thing is: No separate software is needed, everything can be entered via the iOS device.
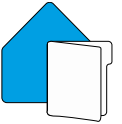
CONNECTION
Simple connection of the DALI Gateway through integration into an existing network.

CONTROL
Up to max. 64 DALI addresses can be controlled, creation of 16 scenes and 16 groups possible.

OPERATION
Easy menu controls allow for user-friendly operation.

SYSTEM
Full light and blinds management with few components.

PROGRAMMING
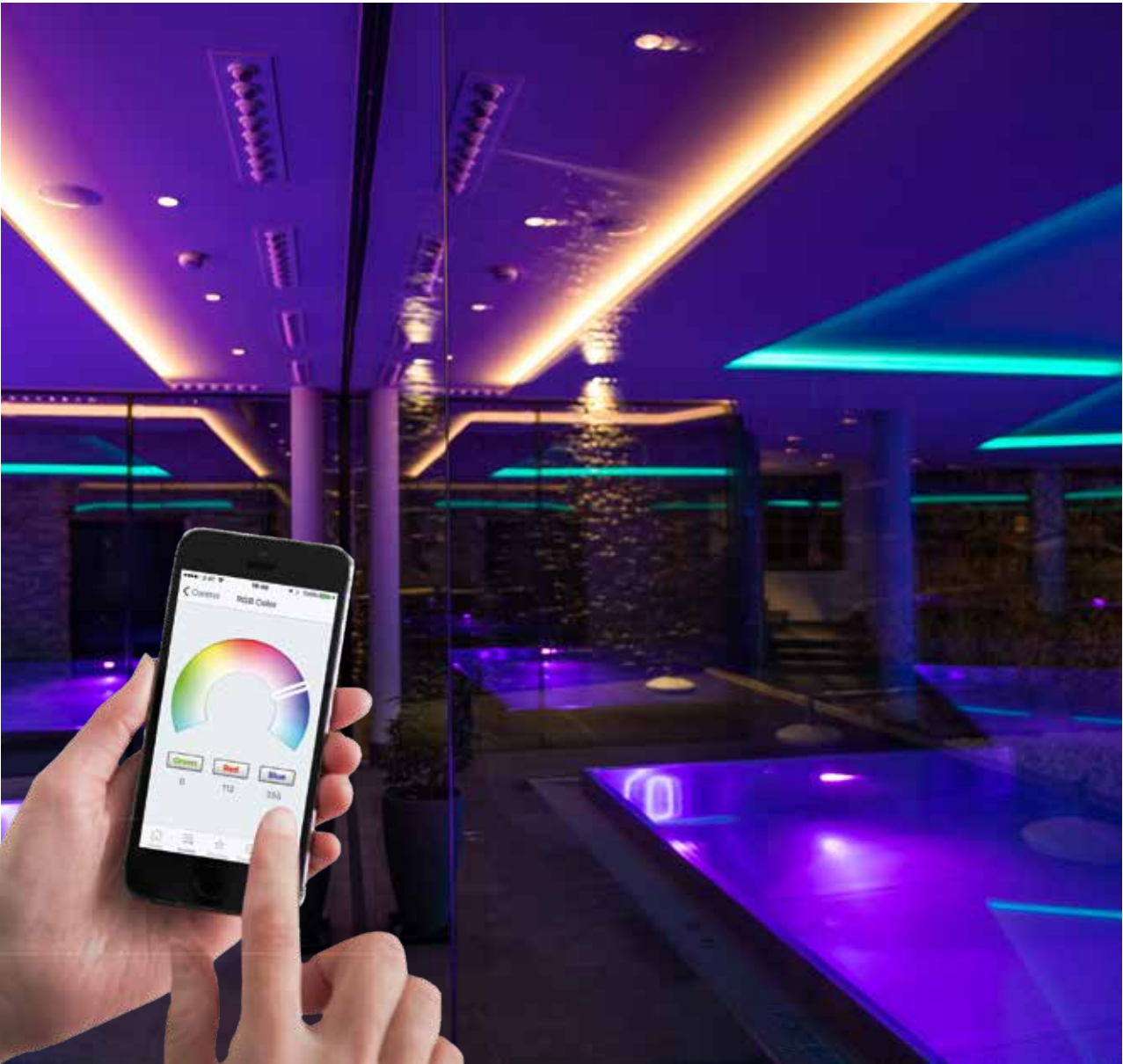Free programming possible directly on iPhone/iPad.

ADDITIONAL FEATURES
Integration of DALI sensors, buttons and blinds controls realisable.

NAME	CONTROL SIGNAL	IP CLASS	DIMENSIONS (W x H x L) IN MM	ART. NO.
DALI LIGHT CONTROL GATEWAY	DALI	IP20	105 x 85 x 85	101669

WELCOME HOME
When entering or leaving a building, a freely programmable light scene can be called up using the speed buttons "WELCOME" and "GOODBYE". The control menu allows for a free design of the user interface. The position of groups, scenes and individual lights can be specifically determined.

INDIVIDUALLY CONTROLLABLE
The spatial division of light groups can be freely defined. A targeted naming of the individual rooms allows for clear representation and simplifies use. Each DALI bus participant can be named as desired. Apart from the display options, the standard light value can also be set. In addition, the gateway also offers the option for controls for blinds to be integrated into the DALI system.

MULTI-ROOM SETTINGS
The predefined individual lights, scenes and groups can be dimmed or switched in the respective submenu for the individual rooms. The colour setting for RGB and TW lights is performed using the colour selector. Colour changes are also possible directly via the control menu. The database of a fully programmed DALI system can be transferred to another iPhone/iPad easily by means of a simple database export.

CONTROL DEVICE FOR THE DALI LC APP
The DALI Light Control Gateway, as well as touch control, also offers one the possibility to freely programme and control 64 addresses, 16 scenes and 16 groups by iPhone/iPad. Activation takes place directly via iPhone/iPad. A maximum of five iOS devices can be used with one DALI Light Control Gateway. Integration into an existing network or WI-FI is required. The integration of additional components (DALI MC, movement and brightness sensors) and a blinds control is also possible without great effort.

* More information can be found at www.biltongroup.com.

L E D
C O N T R O L L E R

LED light systems are being used more and more. For easy and convenient control and regulation, BILTON offers the 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.

DALI CONTROLLER

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

NAME	CONTROL SIGNAL	IP CLASS	DIMENSIONS (W x H X L) IN MM	ART. NO.
DALI CONTROLLER	DALI	IP20	28 x 33.1 x 14.2	170217

DALI TOUCHPANEL

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

NAME	CONTROL SIGNAL	IP CLASS	DIMENSIONS (W x H X L) IN MM	ART. NO.
DALI TOUCHPANEL	DALI	IP20	82 x 8.5 x 111	170222

INFINITY LED CONTROL

Remote radio control and dimmer for switching, dimming and controlling BILTONCOLOR modules. Scope of delivery includes remote control, including receiver (control). Total output 216 Watt output current max. 3 A per 3 assigned channels.

NAME	CONTROL SIGNAL	IP CLASS	DIMENSIONS (W x H X L) IN MM	ART. NO.
INFINITY	RADIO	IP20	55 x 110 x 20	170156

BASE CONTROLLER

This light scene controller with a jog wheel is for one light circuit. Two scenes can be stored. The speed of the colour circuit can be regulated. Dimming possible. No software needed. DMX and EnOcean (via radio) available. BILTON DMX or EnOcean LED dimmer required!

NAME	CONTROL SIGNAL	IP CLASS	INPUT VOLTAGE	OPERATING PERFORMANCE	DIMENSIONS (W x H X L) IN MM	ART. NO.
DMX BASE	DMX	IP20	12 – 24 VDC	2 W	95 x 95 x 15	101652
ENOCEAN BASE	ENOCEAN	IP20	12 – 24 VDC	2 W	95 x 95 x 15	101633

TWO TW FUNK CONTROLLER

The Tuneable white technology allows for the smooth adjustment of light colours from warm white to cold white. The LED module can, therefore, be adjusted individually to the respective furniture. The set is made of a remote control, including a wall holder and receiver unit (page 11).

NAME	CONTROL SIGNAL	IP CLASS	INPUT VOLTAGE	OPERATING PERFORMANCE	DIMENSIONS (W x H X L) IN MM	ART. NO.
TWO TW FUNK	FUNK	IP20	12 – 24 VDC	1 W	50 x 10 x 90 (Remote) 40 x 16 x 80 (Controller)	170738

ENOCEAN RADIO SWITCH

The 80 x 80 mm EnOcean radio switch can be fitted quite easily to the wall. Suitable for single or multichannel applications (white, RGB).

NAME	CONTROL SIGNAL	IP CLASS	DIMENSIONS (W x H X L) IN MM	ART. NO.
RADIO SWITCH	ENOCEAN	IP20	80 x 15 x 80	170220

DALI POWER SUPPLY

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

NAME	CONTROL SIGNAL	IP CLASS	DIMENSIONS (W x H X L) IN MM	ART. NO.
DALI POWER SUPPLY	DALI	IP20	44 x 187 x 20	170229

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 CLASS	DIMENSIONS (W x H X L) IN MM	ART. NO.
DALI USB INTERFACE	DALI	IP20	51 x 102 x 30	170223

* More information can be found at www.biltongroup.com.

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