HIGHLIGHT

#11/19

TINY SHINY ILLUMINATION

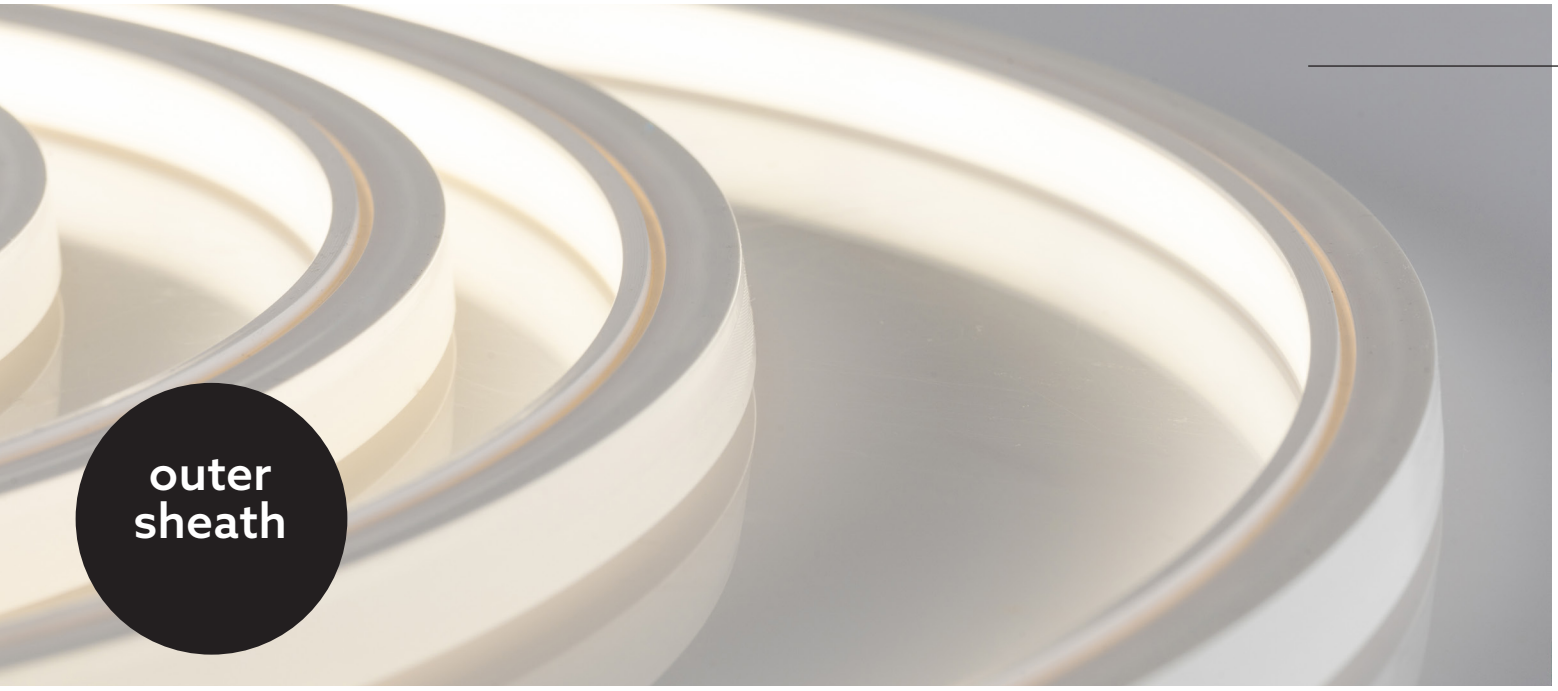
BILTON AIR SLIM SERIES

Homogeneous, versatile, and three-dimensional: these are the core elements of the AIR SLIM series. With a wide range of designs and light colours, the series offers a wide selection and infinite possibilities of application.

BILTON

www.biltongroup.com

SILICONE
MEETS LIGHT



USE OF A HIGH-QUALITY RAW MATERIAL: „SILICONE" WITHOUT FILLERS, MADE IN GERMANY

With the BILTON AIR series, accent lighting has been created that not only offers maximum flexibility in the literal sense but can also be used almost indefinitely both inside and out. This is made possible by the extremely flexible silicone jacket in which a BILTON LED module is installed. The silicone sheath guarantees extremely high protection against moisture and a variety of other external influences such as UV light, salt, chlorine, and much more.

//__Refinished jacket surface for reduced dirt sensitivity
//__Temperature resistant up to +200 °C and thus also sterilizable
//__No yellowing, high UV resistance
//__High resistance to a variety of chemical substances, e.g. salt, chlorine, cleaning chemicals, etc.
//__High thermal shock resistance
//__No air inclusions
//__Material non-combustible and no dripping

LINEAR LED-MODULES PRODUCED ON A REEL-TO-REEL-MANUFACTURING SYSTEM WITHOUT FAILURE "MADE IN AUSTRIA"

BILTON has its own production line for linear LED light strips. High production efficiency and low error frequency are two central requirements. With the reel-to-reel process, LED module strips with a length of up to 50 metres can be produced. Reel-to-reel production at BILTON works without solder joints and the associated weak points. BILTON is able to produce the highest quality due to its own production process.

//__BILTON produces on flexible printed circuit boards with a length of up to 50 meters
//__Error rate below 300 ppm
//__Production line with high output
//__No cost-intensive assembly steps
//__Integrated reliability of a fully automatic process sequence
//__Full traceability
//__5-year warranty

TINY SHINY
ILLUMINATION

BLAIR SLIM

The BILTON AIR SLIM is a linear LED strip light in a highly flexible silicone jacket. The LED module can be bent wave-like in the direction of the light exit surface. The BILTON AIR SLIM can be easily mounted by means of adhesive tape on the back and lateral clamping nubs. Developed and manufactured by BILTON in Austria.

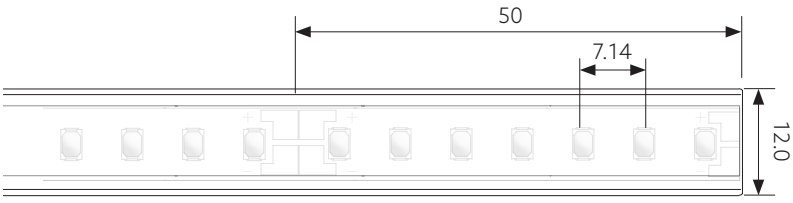
AUSTRIA

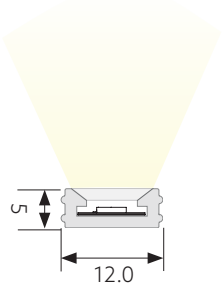
50 mm

IP54
IP67

wave form

transparent Satined





BLAIR SLIM TRANSPARENT

NAME	LUMINOUS FLUX/M*	VOLTAGE	POWER*	EFFICIENCY*	CRI	MODULE LENGTH**	EEC	IP CLASS	3,000 K	4,000 K
BLAIR **SLIM** PU 5 m	800 lm/m	24 VDC	8.8 W/m	91 lm/W	> 80	5.01 m	A	IP54	101869	101870
								IP67	*101871*	*101872*
BLAIR **SLIM** PU 5 m	1,100 lm/m	24 VDC	12.8 W/m	86 lm/W	> 80	5.01 m	A	IP54	101873	101874
								IP67	*101875*	*101875*

BILTONAIR SLIM is available in a 5.01 m packaging unit (PU) on a roll.

* Data of the electrical and photometric 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 changes in the LED sector. The latest 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.

Self-adhesive tape

On the **BILTON** AIR **SLIM** series, an **adhesive tape** is attached to the back **for easy installation**

Clamping nubs

To allow easy insertion into a milled groove, the **BILTON** AIR **SLIM** series has been provided with side clamping nubs, making the series ideal for **groove mounting in milled areas**

Thin construction

The silicone sheath is adapted exactly to the BILTON LED modules. This results in an **extremely thin construction** for subtle lines of light in different light fluxes and light colors

Model

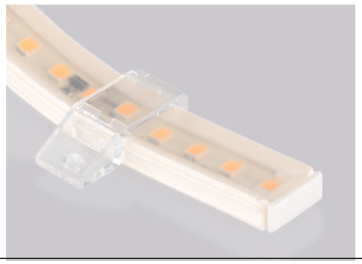
The **BILTON** AIR **SLIM** is available with **transparent and satinised cover** and **in different light intensities and light color**

BLAIR SLIM SATINED

NAME	LUMINOUS FLUX/M*	VOLTAGE	POWER*	EFFICIENCY*	CRI	MODULE LENGTH**	EEC	IP CLASS	2,700 K	3,500 K
BLAIR **SLIM** PU 5 m	600 lm/m	24 VDC	8.8 W/m	68 lm/W	> 80	5.01 m	A+	IP54	101900	101901
								IP67	*101880*	*101881*
BLAIR **SLIM** PU 5 m	900 lm/m	24 VDC	12.8 W/m	70 lm/W	> 80	5.01 m	A+	IP54	101902	101903
								IP67	*101882*	*100883*

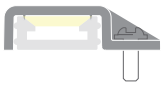
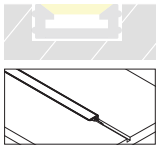
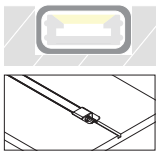
BILTONAIR SLIM is available in a 5.01 m packaging unit (PU) on a roll.

MOUNTING POSSIBILITIES

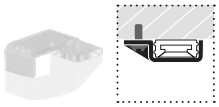


BLAIR SLIM

The **BILTON** AIR **SLIM** series enables thin light lines that can easily be mounted into milled grooves with lateral clamping nubs. The low overall height is ideal for indirect lighting solutions.

BILTON AIR SLIM	SAFETYCLIP SLIM	BILTON AIR SLIM IP54	BILTON AIR SLIM IP67
			
Adhesive tapes	Safetyclip SLIM	Groove mounting IP54	Groove mounting IP67

ACCESSORIES

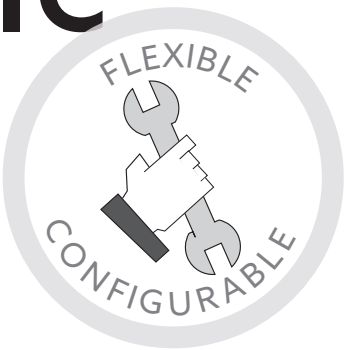
NAME ART.-NO.	DIMENSIONS (W x H x L in mm)	
Safetyclip **SLIM** **ALC1** // 171048	23.64 x 6.7 x 10	

ACCESSORIES

NAME ART.-NO.	DIMENSIONS (W x H x L in mm)	
Endcap SLIM IP54 **AL002**// 171040	15.12 x 8.13 x 14	
Endcap SLIM IP67 **AL001**// 171073	11.8 x 4.8 x 6	

End cap set consisting of 10 end caps incl. adhesive

CUSTOMER-SPECIFIC CONFIGURATION



Do you want your **BILTON** AIR **SLIM** to be delivered directly with the correct dimensions? No problem! BILTON delivers everything you need to quickly install **your desired luminaire**. It's that simple: Select the desired article then tell us the desired length of the luminaire, the desired mounting, and the desired quantity. Finished - that's it.

BILTON AIR SLIM + Length* + Configuration + Mounting + Desired pieces

1 / 16 / XX

Example

BILTON AIR SLIM	+	Length	+	Prefabrication	+	Safetyclip	+	number of pieces
Art.Nr.: 101875	+	151 cm Length	+	Art.No.: 169009	+	Art.no.: 171048	+	number of pieces

BILTON AIR CONFIGURATION

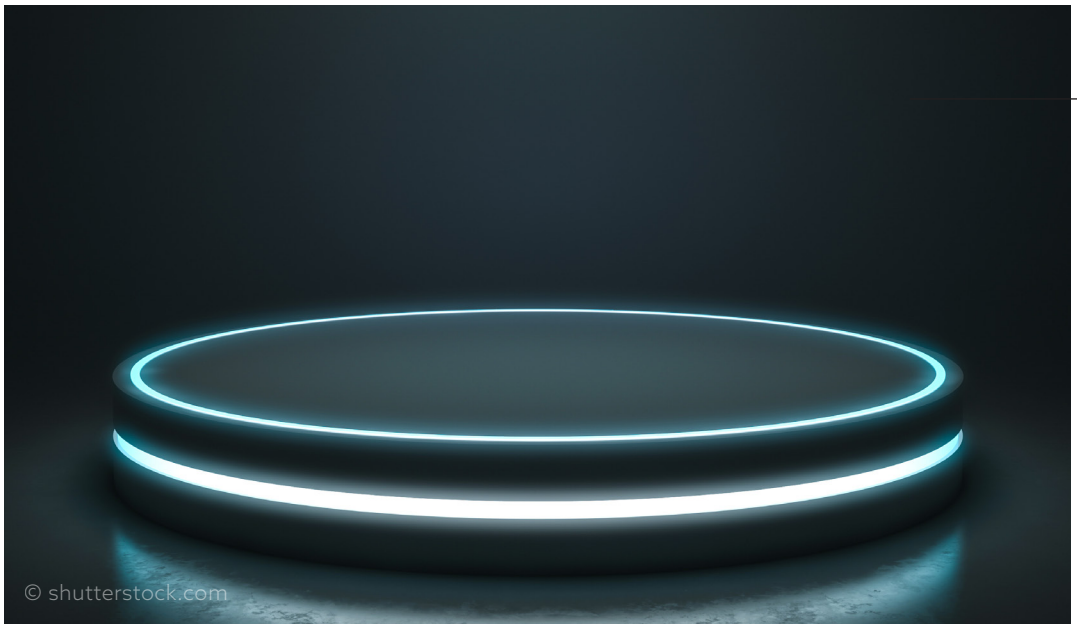
BILTON AIR KONFIGURATION	ART.-NR.
Prefabrication SLIM transparent IP67	169009
Prefabrication SLIM satined IP67	169010
Prefabrication SLIM transparent IP54	169012
Prefabrication SLIM satined IP54	169013

* BILTON AIR SLIM configurations max. 5 m possible. Special lengths and special designs must be requested from the BILTON customer service centre. Please note that cutting tolerances may occur.

BILTON

REFERENCE
PROJECTS

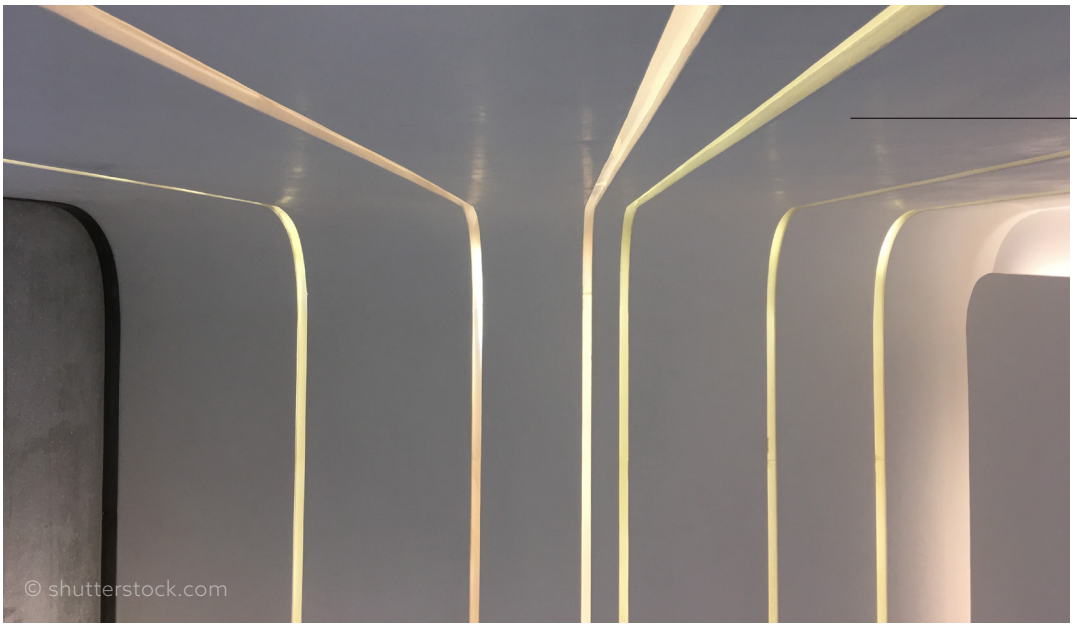
There are countless application areas for the BILTON AIR SLIM series. There are no limits to the ideas. Whether recessed or surface-mounted, straight or curved, direct or indirect lighting - everything is possible and much more.



ACENT LIGHTING

BILTON AIR SLIM
Art.: 101881

Endcap IP54
Art.: 171040



INDIRECT LIGHTING

BILTON AIR SLIM
Art.: 101875

Safety clip SLIM
Art.: 171048

End cap IP54
Art.: 171040