

BILTON

MADE IN AUSTRIA

FOCUSED ON
LINEAR LIGHT

BILTON

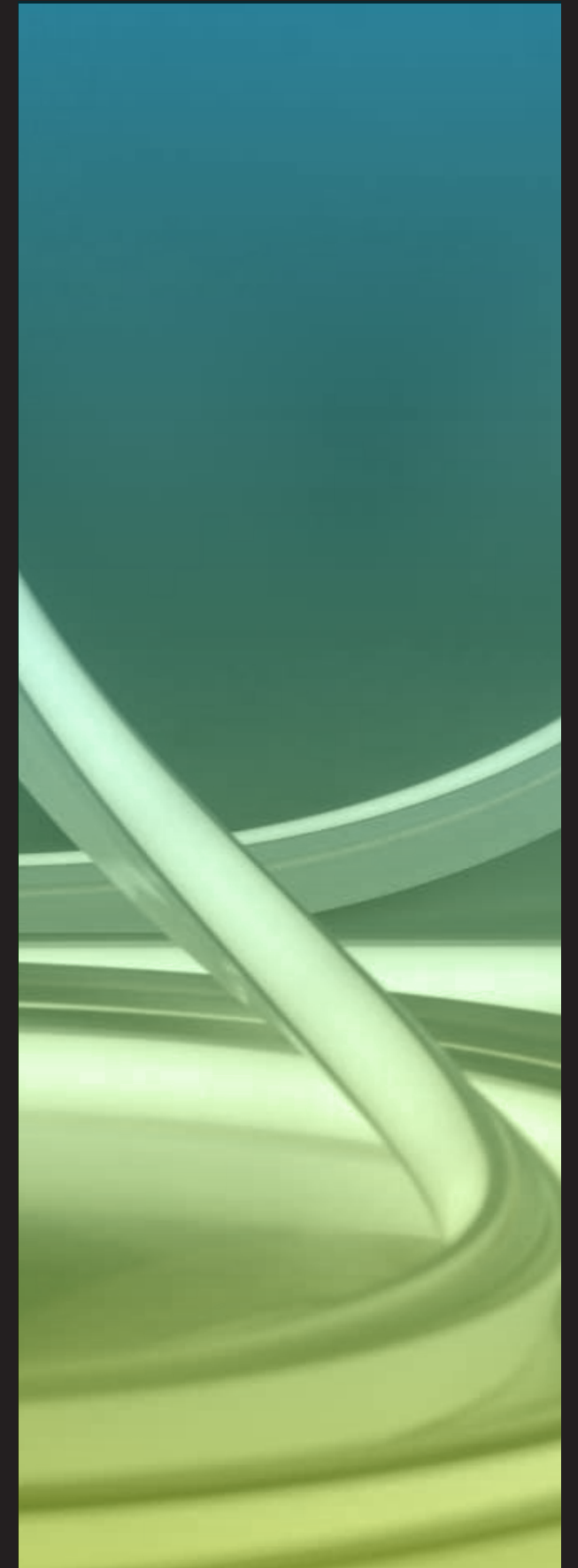
- // We are the specialist with extensive expertise in linear lighting
- // We produce and develop in Austria (Saalfelden)
- // We are project and system partners for architecture, trade, and industry
- // We are the full-range supplier for high-quality LED solutions and intelligent light management systems
- // We also produce individual customer requests from our own technology

WHO IS BILTON



- // Solution and customer-oriented
- // Innovation through research
- // New, individual solutions
- // LED lighting should be interdisciplinary and further developed in all areas of life.
- // Product variety and performance

OUR MISSION



2009

PRODUCT INNOVATION
THE WORLD'S FIRST LED
DIMMER FOR KNX

2018

PRODUCT PATENTS
CONTACTLESS ENERGY TRANSFER
HIGH-FREQUENCY LED LIGHT STRIP

2014

START OF PRODUCTION
REEL-TO-REEL PRODUCTION OF FLEXIBLE
LED MODULES ON A POLYAMIDE SUBSTRATE

2019

PRODUCT INNOVATION
BILTON AIR SLIM HUMAN
CENTRIC LIGHTING BILTON

2014

MANUFACTURING INNOVATION
DEGREE OF PROTECTION IPX6-CVD
COATING PROCESS

2020

PRODUCT INNOVATION
BILTON SMART CORE
BILTON PROTECTED

2015

PRODUCT INNOVATION
BILTON ONE 3000 LED
TECHNOLOGY FOR DIRECT
LIGHTING

2021

PRODUCT INNOVATION
BILTON ONE PLUS WITH 168 LM/W

INNOVATION

REEL



TO

REEL



- // Fully automatic production parts
- // Use of 250,000,000,000 Components per year
- // Production capacity of 1,000,000 m per year
- // LED modules up to 50 m in length and of the highest quality
- // State-of-the-art manufacturing technology

BILTON develops in-house innovative solutions and can quickly adapt them to individual customer needs.

Highly flexible in product design and production as well as unique logistics with high security of supply.

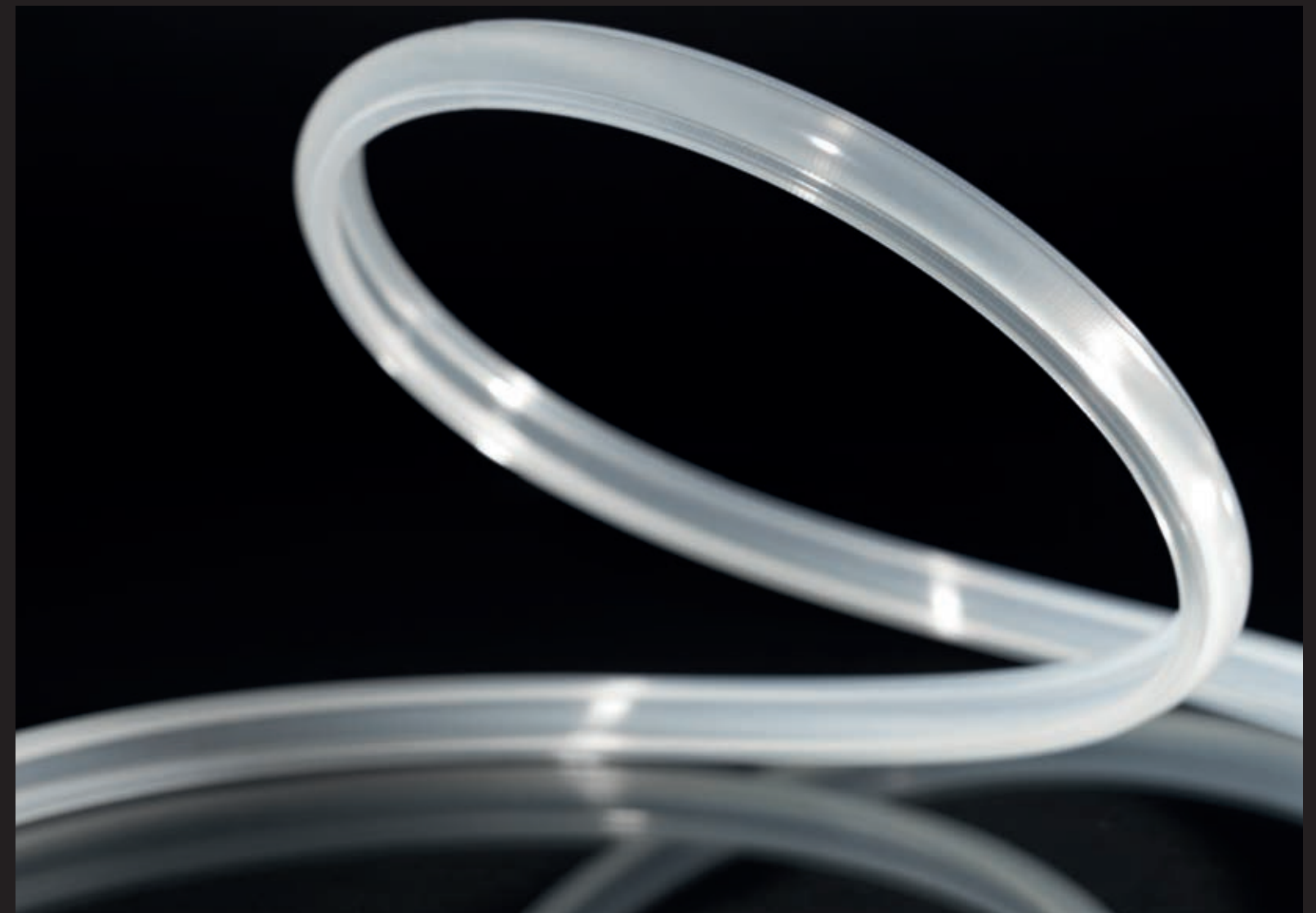
SERVICE

- // Our unique Reel-to-Reel manufacturing
- // Own potting system for LED modules with a high degree of protection
- // A research and development team that creates innovative patented products
- // A project management team that works with the customer to develop the right solution
- // Individual advice and customer specification (OEM products)
- // Light calculation for every project
- // Eulumdat / DIALux data from the entire LED range
- // 5-year guarantee on the BILTON range produced in Saalfelden

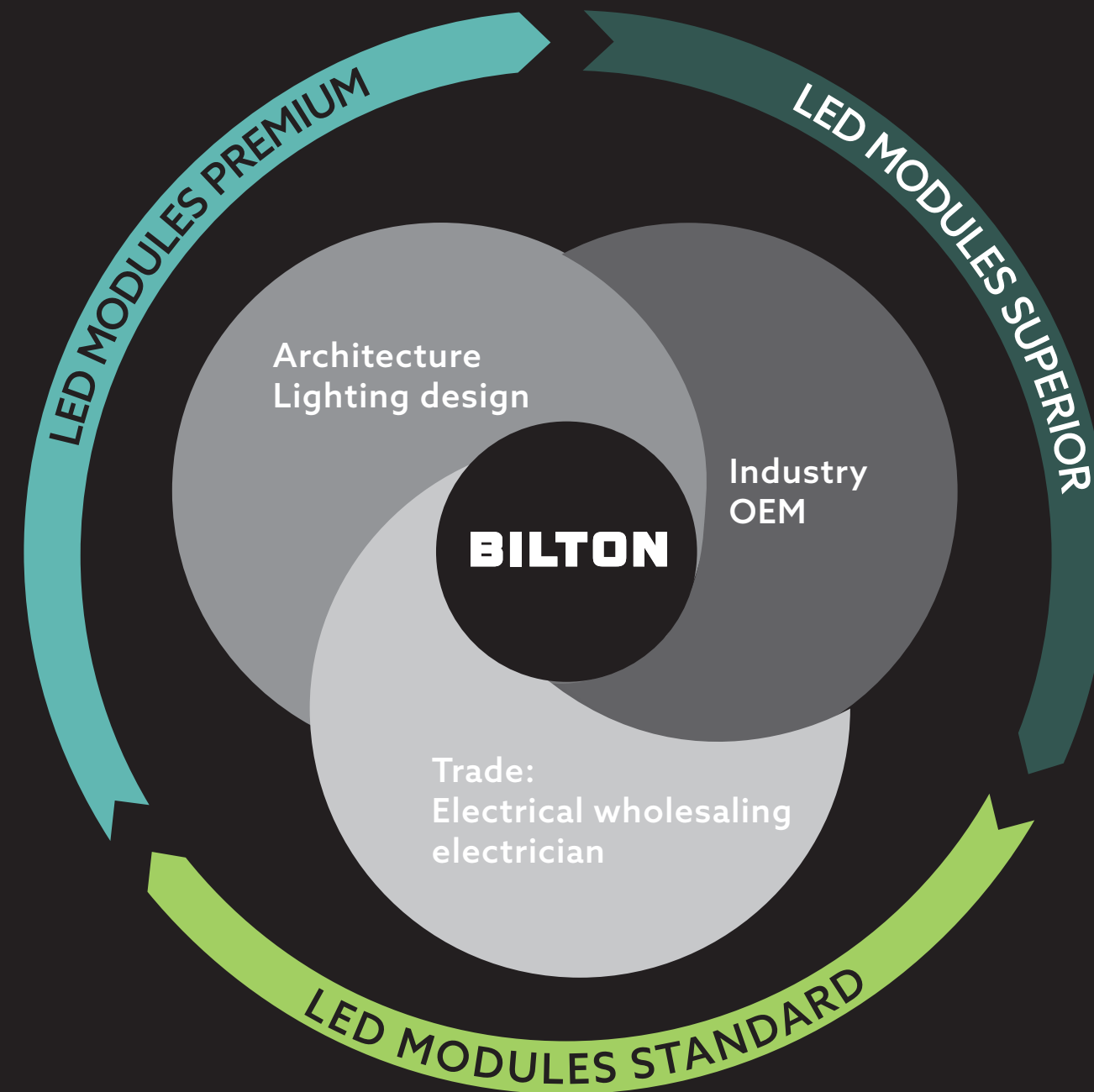
BILTON

These „Made in Austria“ products are specially developed and produced LED light strips. BILTON offers its customers a 5-year guarantee.

5-YEAR
WARRANTY



The different areas in which BILTON's partners are active result in different needs and requirements in lighting technology. We have produced special LED light strips for various industries that meet the special requirements of their respective areas.



ARCHITECTURE

- // 256K possible variations
- // EULUM & DIALUX data
- // light calculations
- // Manufacturing & development in Austria
- // Customized solutions
- // 5-year guarantee

INDUSTRY

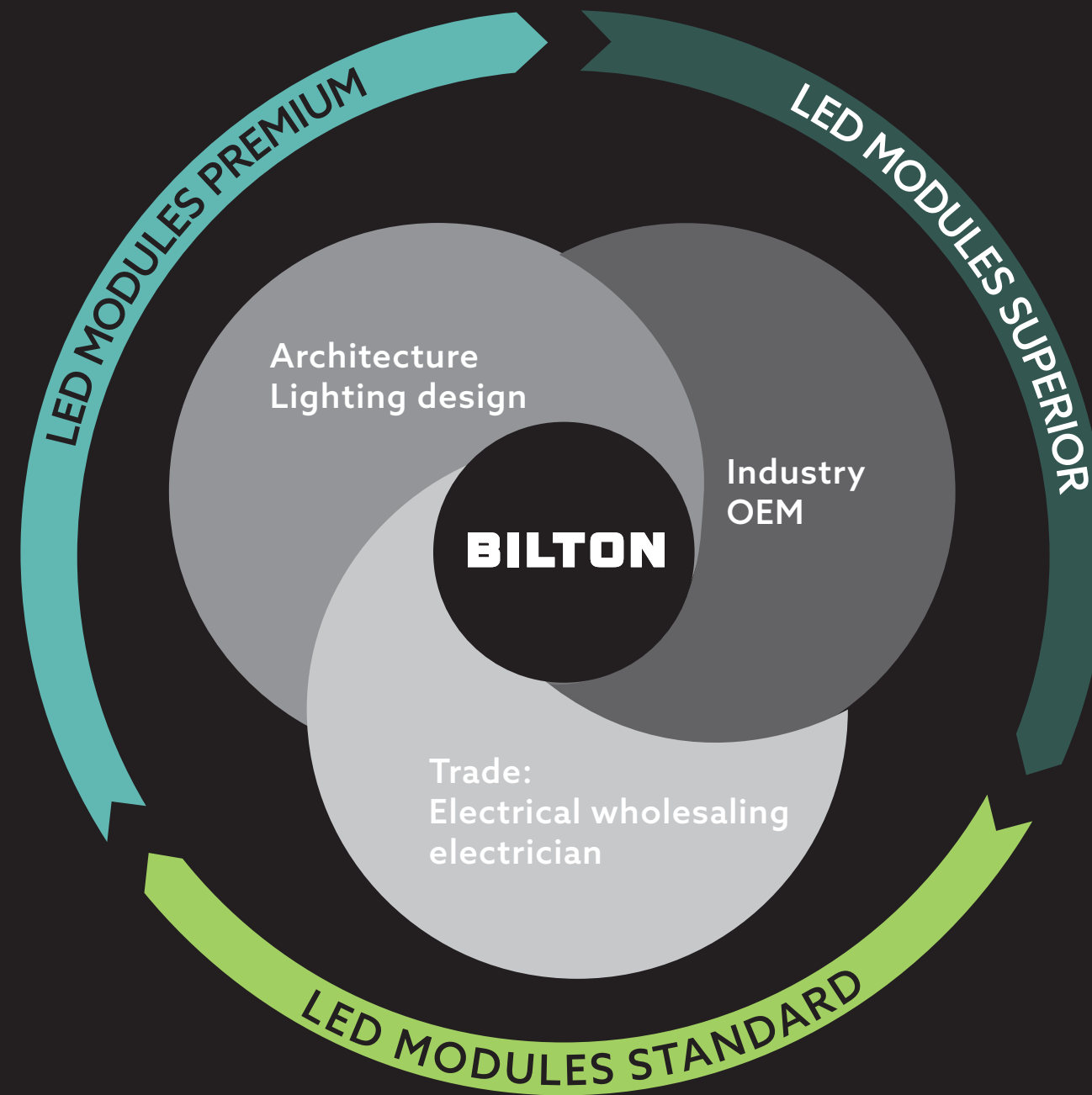
- // Made-to-measure solution
- // Production & development in Austria
- // Certifications: ISO, CE, UL
- // Degree of protection: up to IP68 + C
- // 5-year guarantee

TRADE

- // High security of supply
- // Assembly
- // EULUM & DIALUX data
- // Customized solutions
- // Customer-friendly assembly
- // 5-year guarantee

EXCEPT BORDER AND BAND

The product groups Superior, Premium, and Standard are tailored to our main customer groups: architects, industrial customers, and electricians. Of course, every light strip can be used for every customer group. This creates a diverse range of products and innovative solutions.



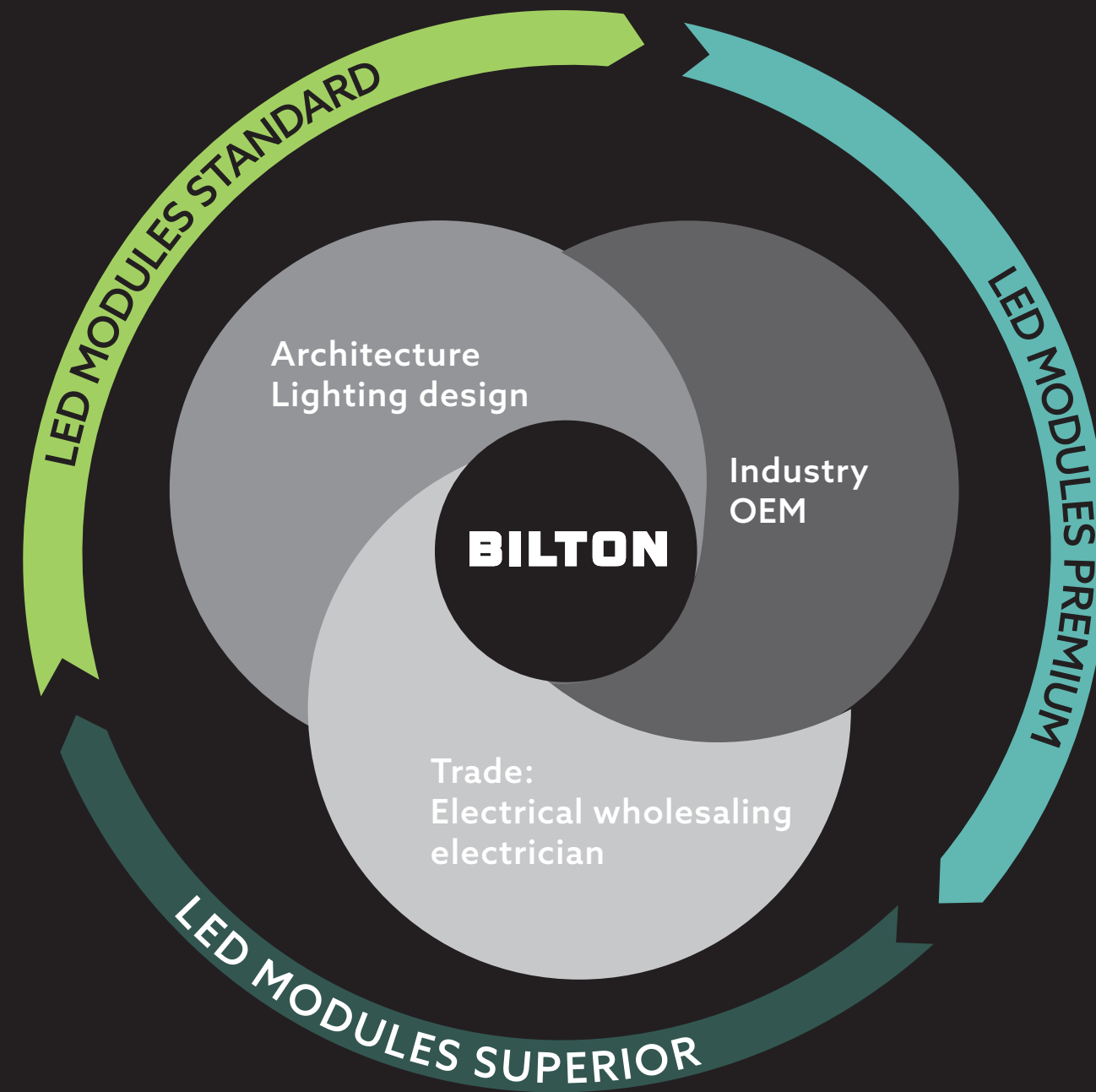
SUPERIOR

The ONE and ONE XL series guarantee luminous flux over the entire length, without power fluctuations from roll to roll. Thanks to the integrated temperature monitoring, this series guarantees constant and homogeneous illumination.

- // Lumen up to 5,000 lm / m
- // No solder joints
- // Double substrate
- // 140 - 160 LEDs / meter
- // IC control

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Developed and
proofed in
Austria



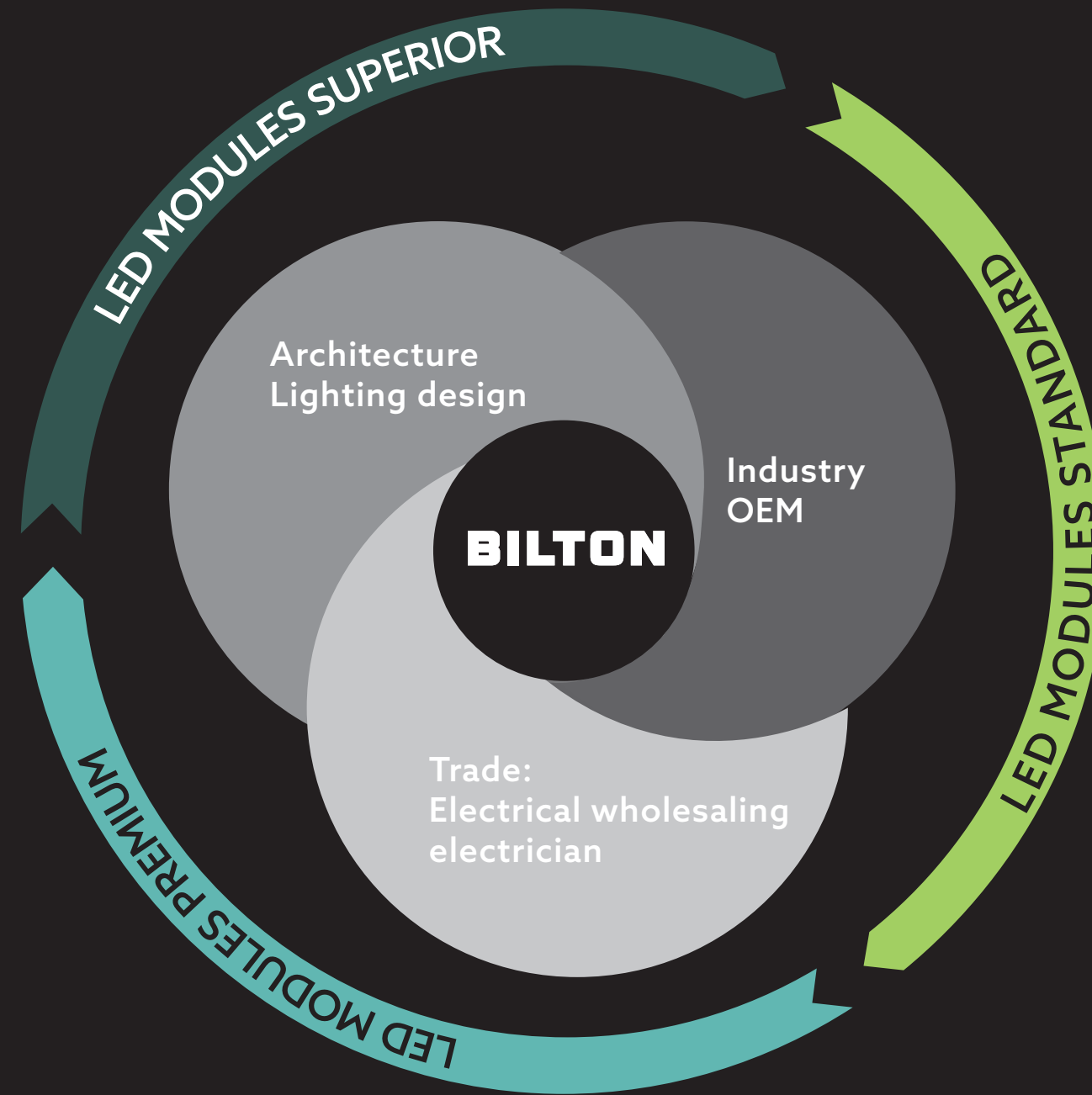
PREMIUM

The premium LED modules offer long feed lengths. The transistor control guarantees a constant luminous flux over the entire length. The LED modules are equipped with the same well-known LED chips as the Superior series.

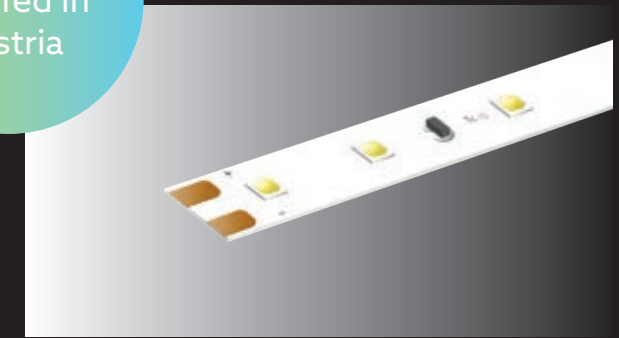
- // Lumen up to 1,300 lm / m
- // Double substrate
- // Up to 21.5 m module length
- // 120 LEDs / meter
- // Transistor controlled

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STANDARD

In the standard range, the current regulation is controlled by means of a resistance circuit. Among other things, the ECO series offers maximum flexibility, stability, and mechanical security thanks to the double-layer substrate.

- // Lumen up to 1,500 lm / m
- // Double substrate
- // 60 LEDs / meter
- // Resistance controlled

EXCEPT BORDER AND BAND

When you talk about lighting in the industrial sector, you are certainly not talking standard lights, but rather very specific lighting devices that have to meet many criteria (efficiency, guarantee, length, protection class, legal regulations, ...).

BILTON takes every criteria into account right from the start and ensures with long-lasting products and robust and steadfast solutions.

01 **PROJECT PLANNING AND DEVELOPMENT** FOR OPTIMAL AND EFFICIENT RESULTS

03 **CUSTOMER-ORIENTED AFTER SALES**, CUSTOMER SERVICE & TECHNICAL SUPPORT, ON-SITE CONSULTATION

02 **ASSEMBLY AND PRODUCTION** OF LED LIGHTING SYSTEMS IN OWN PRODUCTION

04 **GUARANTEE** 5-YEAR GUARANTEE ON THE ENTIRE RANGE "MADE IN AUSTRIA"



INDUSTRY

BILTON understands trade division to mean cooperation with your numerous partners and their partners Customers. Due to the different industries and areas in which Bilton's respective partners are active, there is a diverse range of products and innovative solutions.

01 **CUSTOMER-ORIENTED AFTER SALES**, CUSTOMER SERVICE & TECHNICAL SUPPORT, ON-SITE CONSULTATION

03 **PRODUCT RANGE** WIDE RANGE OF LED COMPONENTS "DEVELOPED BY BILTON"

02 **AVAILABILITY** RELIABLE SUPPLY CHAIN GUARANTEED SAFE AND FAST CARE

04 **GUARANTEE 5-YEAR** GUARANTEE ON THE ENTIRE RANGE "MADE IN AUSTRIA"

TRADE

As an original equipment manufacturer, Bilton acts as a manufacturer of components. These are used by customers such as lighting manufacturers or producers of special vehicles in their products and come onto the market this way.

01 **BATCH TRACEABILITY** OF LED MODULES IN OWN PRODUCTION

02 **DEVELOPED AND PRODUCED** IN AUSTRIA INCLUDING TEST CONCEPT FOR HIGHEST QUALITY

03 **AVAILABILITY** RELIABLE SUPPLYCHAIN, GUARANTEED SAFE AND FAST SUPPLY

04 **CUSTOMER-ORIENTED** AFTER SALES, CUSTOMER SERVICE & TECHNICAL SUPPORT, ON-SITE CONSULTATION

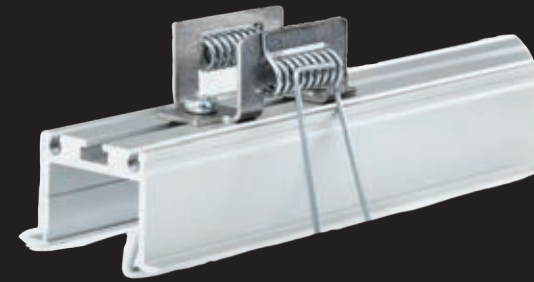
05 **GUARANTEE 5-YEAR** GUARANTEE ON THE ENTIRE RANGE "MADE IN AUSTRIA"

OEM



LIGHT MODULES

BILTON offers a wide range of specially developed LED modules Made in Austria in different versions.



LIGHT EQUIPMENT

A wide selection of profiles, covers and mounting material enables an infinite combination of lighting options.



LIGHT MANAGEMENT

All controls are perfectly matched to the LED modules from BILTON. This will ensure the best efficiency.

PRODUCTS

BILTON produces its LED modules in-house
Reel-to-Reel manufacturing.

This enables the production of LED modules with a high product quality, as well as individual LED light strips that have been awarded UL and ISO certification.

// Lumen from 250 to 5,000 lm / m

// Voltage 12 & 24 V

// Max. Module length up to 23 meters

// CRI > 80 to 98 Ra

// Can be separated from 1 to 10 cm

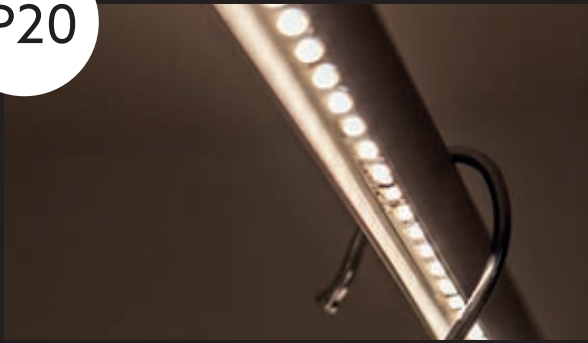
// Substrate single and double layer

// LED chips guarantee patent security

// Production development and
Patent security from BILTON

LED MODULES

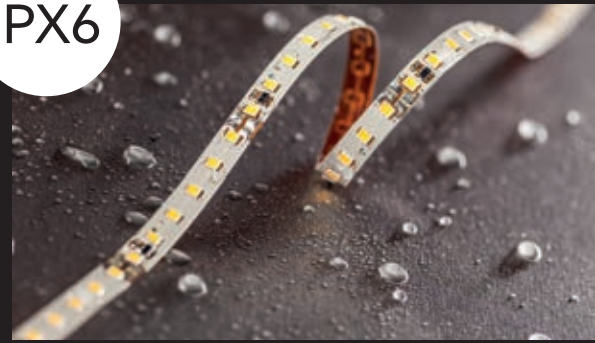
IP20



// No color shift

// Indoor use

IPX6



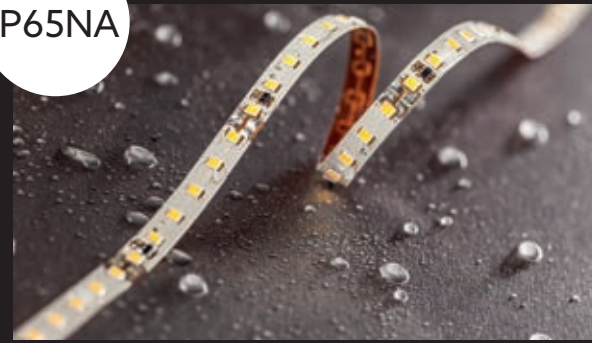
// BILTON nano-coating
with parylenes

// Unchanged mechanical
niche properties
of the LED module

// No loss of luminous flux

// High UV resistance

IP65NA



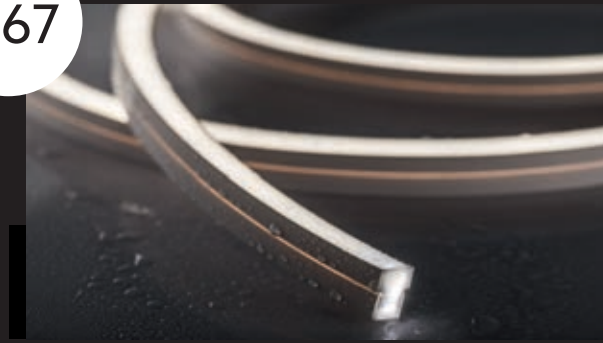
// Standard nano-coating
with parylenes

// Unchanged mechanical
niche properties
of the LED module

// No loss of luminous flux

// High UV resistance

IP67



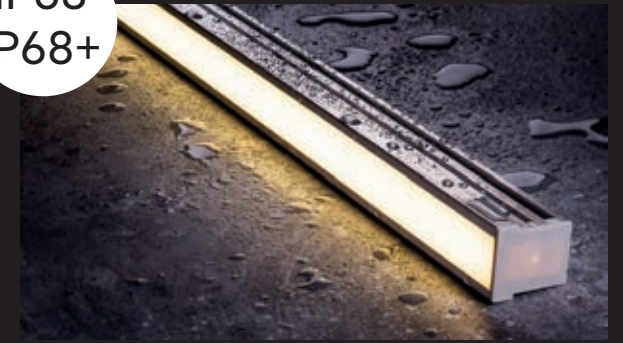
// Silicone jacket

// Unrivaled
Resistance to
chemical substance
zen and UV light

// Temperature resistant

// Optimized
Aging behavior

IP68
IP68+



// Polyurethane jacket

// Permanent resistance
of the LED modules un-
der water

// Resistant to various
substances (e.g .: IP68C
= chlorine resistance)

BILTON PROTECTED

BILTON protected offers a wide range of different technologies that protect the BILTON LED strip lights from external influences.

BILTON realizes projects in collaboration with architects, Lighting designers, large companies, and end customers.

BILTON integrates into the complex decision-making network of architects, lighting planners, installers and builders.



PROJECTS

BILTON



CONTAINER TERMINAL ENNS

BILTON



STAIR
LIGHTING

BILTON



**PLANT
LIGHTING**

BILTON



**HOUSE
LIGHTING**



007
ELEMENTS

BILTON is the specialist for innovative, linear LED lighting and light management systems. We manufacture and develop in Austria with our own technology. This allows us to adapt to the customer and develop custom-made products.

REASON WHY!

BILTON

MADE IN AUSTRIA

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