

BlueLight® SteriBelt System

NobleLight®

Reliable UV Disinfection for Cleaner, Safer Conveyor Belts



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excelitas®

BlueLight® SteriBelt UV System

Safe and Efficient Surface Disinfection



Installed below the conveyor belt, the BlueLight® SteriBelt system disinfects the surface continuously during operation – without interrupting the production process. This ensures high disinfection rates at minimal operating cost.

Application Areas

- Meat and seafood processing
- Fruits, vegetables, baked goods
- Dairy and convenience food

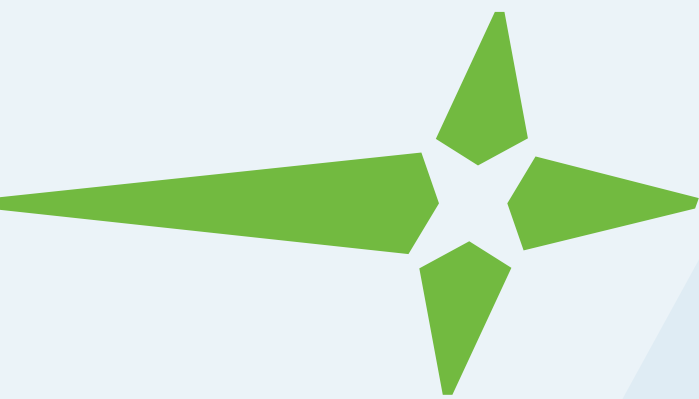
Typical Objectives

- Ensure hygiene compliance in production
- Improve quality and process sustainability
- Extend shelf life (if relevant)
- Reduce chemical use and environmental impact

Key Benefits

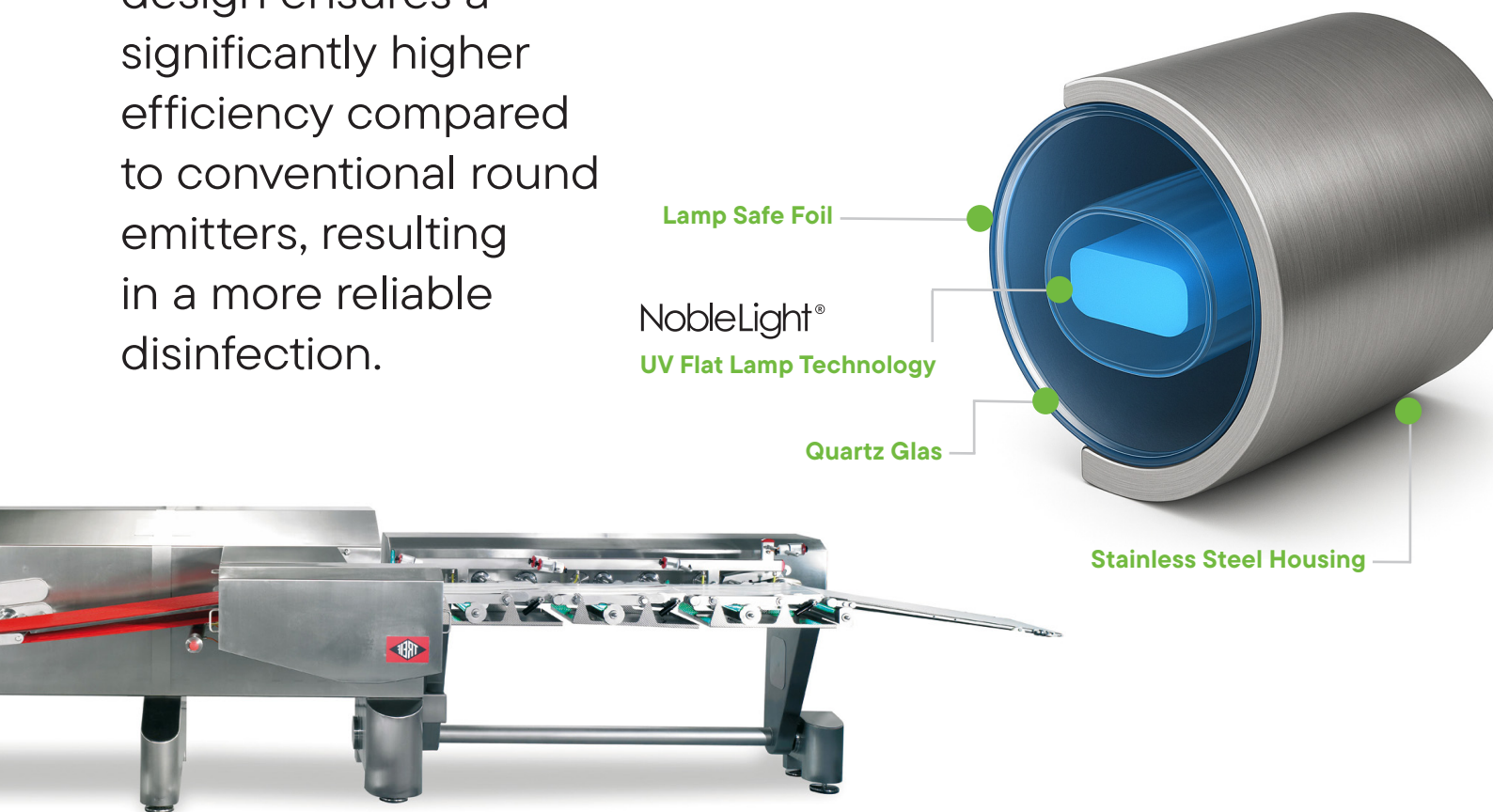
- Improved food safety
- Minimal energy consumption
- Lower downtime and maintenance
- Compact design – ideal for retrofitting
- Proven compliance with hygiene standards (HACCP, IFS, BRC)

Smart Operation
Minimal Effort
Maximum Effect



INNOVATIVE LAMP TECHNOLOGY
MORE UV
WHERE IT MATTERS

The **BlueLight® SteriBelt**’s flat lamp design ensures a significantly higher efficiency compared to conventional round emitters, resulting in a more reliable disinfection.



Why BlueLight® SteriBelt Delivers Results

Hygienic by Design

- Rotationally symmetrical – reduces residue build-up
- Stainless steel housing, no external cooling required
- IP65-rated – dust- and splash-proof for harsh environments

Safe & Effective UV Operation

- LampSafe foil (PTFE-free) with high UVC transmission
- Up to 99.9% disinfection efficiency during operation

Powerful Performance with Low Effort

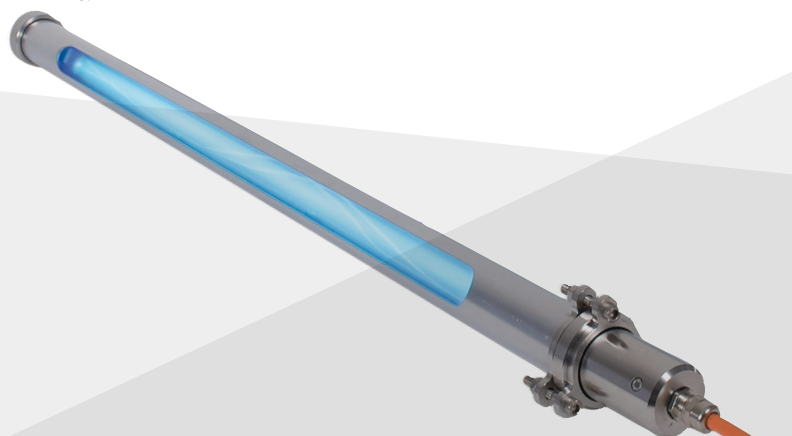
- Flat Mercury Amalgam lamps with optimized UV output
- Long lamp lifetime: approx. 4,000 hours

Maintenance-Friendly & Retrofit-Ready

- Quick lamp replacement
- 2-year shatter protection cycle
- Compact design – ideal for confined spaces & easy integration

Built for Compliance & Reliability

- Enables hygiene compliance (HACCP, IFS, BRC)
- Performance is measurable and documentable for QA



BlueLight® SteriBelt System Information

Description	SteriBelt 280	SteriBelt 420	SteriBelt 650	SteriBelt 800	SteriBelt 900
Window Length	280 mm	420 mm	650 mm	800 mm	900 mm
Total Length	578 mm	718 mm	948 mm	1.098 mm	1.198 mm
Power	30 W	45 W	80 W	90 W	100 W
Material Number	5158014	5158015	5158016	5158017	5158018
Cable Length	3 m				



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