



Signify, Cooper Lighting's parent company, has a CCoE (Cybersecurity Center of Excellence) team that maintains guidelines and requirements for all Signify products and development processes, including its Cooper Lighting division products.

All our products follow a secure software development process and are gated by our cybersecurity team, which performs independent Penetration Tests. The cybersecurity team has the authority to block a product release if any critical security issue is discovered. This reinforces the importance of security and ensures that our products are fully secured against cybersecurity threats.

The cybersecurity team works with all product development teams to ensure our cybersecurity requirements are met. They conduct product design reviews while the product is in its infancy to make sure the design includes security best practices and recommendations. A product review is used to walk through the concept of the product. Based on this, a data flow diagram is created to depict the overall flow of data in the product, and an architectural analysis is performed to identify the criticality of components. The team also identifies sensitive and personal data, and verifies compliance with applicable data protection regulations, including the GDPR (General Data Protection Regulation) and California Consumer Privacy Act (CCPA).

After these reviews, the team performs a threat modeling and security requirements analysis. Threat modeling allows the team to assess the risks related to components identified in the architectural analysis. These risks are used to prioritize security requirements and additional mitigations for the product. Identifying issues at the design stage lowers the odds of finding flaws in later stages.

Connected lighting solutions, offered by Cooper Lighting Solutions are certified by authorized certification labs such as, DEKRA and InterTek, to the following IEC 62443 standards:

- **62443-4-1, Product security development life-cycle requirements** – Specifies process requirements for the secure development of products used in Industrial Automation Control Systems (IACS) and defines a secure development lifecycle (SDL) to develop and maintain secure products.
- **62443-4-2, Security for Industrial Automation and Control Systems** – Technical Security Requirements for IACS Components – Provides cybersecurity technical requirements at the component level, including embedded devices, network components, host components, and software applications.
- **62443-3-3, System security requirements and security levels** – Provides detailed technical control System Requirements (SRs) associated with the seven Foundational Requirements (FRs) described in ISA-62443-1-1 (99.01.01).

At Signify and Cooper Lighting Solutions, we believe that trust is paramount in a connected world. We are committed to bringing our customers connected lighting systems that are certified to globally recognized cybersecurity standards.