



Sustainability Statement

LEVEL 1 — Current Commitments & Practices
Belgium · May 2026

TAL is a Belgian lighting manufacturer with a long-standing commitment to responsible design and production. This document formalises our sustainability practices at Level 1, providing a transparent account of the concrete actions already embedded in our daily operations — in packaging, product engineering, and end-of-life responsibility.

This statement is designated Level 1 to reflect that it represents a verified baseline — meaningful, substantiated actions already in place. Higher levels of ambition exist and are actively being developed, covering areas such as carbon footprint measurement, supply chain transparency, lifecycle assessments, and net-zero roadmaps.

LEVEL 1 Current Practices	LEVEL 2 Measurement & Targets	LEVEL 3 Verified Impact	LEVEL 4 Net Zero Leadership
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1. Sustainable Packaging

TAL has been applying ecological principles to its packaging materials for many years. These practices are considered inherent to our identity as a manufacturing company and are continuously refined. The following measures are currently in place:

- **Profile tube** lids are manufactured from PP (polypropylene) using 100% recycled content.
- **Air cushion packaging** is produced in PE (polyethylene) with a minimum of 50% recycled material. A target of 100% recycled content is established for the near future.
- **Wooden pallets** are FSC-certified where applicable, sourced entirely from certified, responsibly managed forests.
- **Adhesive tape** is paper-based, replacing PVC tape across all product lines including Lithoss.
- **Tissue paper** has replaced single-use PE (polyethylene) bags for product wrapping.
- **Buffer chips** (protective filling material) have been made from starch-based, fully biodegradable material for over ten years. TAL was among the first lighting manufacturers in Belgium to adopt this material. These chips carry industrial compostability certification.



2. Sustainable Luminaire Design & Production

TAL designs and manufactures luminaires with sustainability principles embedded from the earliest stages of product development. Key commitments include:

2.1 Repairability & Serviceability

- All LED modules are designed to be replaceable, extending the operational life of the luminaire and reducing the need for full product replacement.
- All LED drivers are equally designed for replacement, ensuring that the most failure-prone components can be serviced without disposing of the entire fixture.



2.2 Design for Disassembly & End-of-Life

- Luminaires are engineered for straightforward disassembly at end of life, facilitating material separation and high-quality recycling.
- Potting (encapsulation resin) has been eliminated from standard product lines. Potting is only retained where technically essential (e.g. Orbital IP65), as it significantly impedes repairability and recycling.
- Packaging volume is actively minimised through flat-pack design approaches and optimised product dimensions, reducing transport emissions and material use.

2.3 Responsible Materials Exploration

TAL actively evaluates alternative, lower-impact materials for luminaire components. Current explorations include:

- **Greencast PMMA acrylic** — an eco-friendly acrylic plastic — has been trialled in the Luzien and Florette product families. Further integration is being evaluated.
- **Eco-friendly felt materials** have been tested in combination with sustainable acrylics in selected product lines.



3. Extended Producer Responsibility

TAL fulfils its legal obligations under Belgium's extended producer responsibility framework through active participation in Recupel — the national collective take-back and recycling scheme for electrical and electronic equipment (WEEE).

- TAL contributes to the Recupel system as a registered manufacturer, funding the collection, sorting, and recycling infrastructure for end-of-life electrical equipment in Belgium.
- As a result, end-customers are entitled to return defective or obsolete electrical equipment free of charge at certified collection points (containerparks), ensuring proper material recovery and reducing landfill waste.



Beyond Level 1 — The Path Forward

This statement documents where TAL stands today. Higher sustainability levels are on our agenda and will be formalised as our programmes mature.

Level 2 — Carbon footprint measurement across operations and key product lines; quantified reduction targets; increased recycled content tracking.

Level 3 — Third-party verified lifecycle assessments (LCA); Environmental Product Declarations (EPDs); supply chain due diligence reporting.

Level 4 — Science-based targets (SBTi); net-zero roadmap; full supply chain transparency and circular economy integration.

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This document reflects practices currently in place at TAL. It is a living document, subject to annual review and updated as new levels of sustainability commitment are formalised and verified