



Responsible Manufacturing

Responsible Australian Manufacturing

DARKON



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At DARKON, sustainability is approached through practical action, responsible manufacturing and continuous improvement.

From our purpose-built manufacturing facility in Melbourne, DARKON designs, engineers, manufactures, finishes and tests architectural lighting solutions under one roof. This gives us greater control over the way our products are made - from material use and production efficiency through to finish quality, product performance and waste reduction.

We are working towards becoming carbon neutral by 2032 and continue to invest in manufacturing processes that support a lower-impact future for Australian-made architectural lighting.

Local Manufacturing, Greater Control

Manufacturing locally allows DARKON to maintain direct oversight across design, fabrication, finishing, assembly and quality assurance.

Our in-house capabilities include CNC machining, fibre laser cutting, profile processing, press brake forming, laser welding, batch powder coating, rapid prototyping and product testing. By keeping these processes in-house, we can reduce unnecessary handling, improve production accuracy, minimise rework and support more efficient project delivery.

Advanced local manufacturing, under one roof.



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Material Recovery & Recycling

DARKON is committed to reducing manufacturing waste and keeping valuable materials in use.

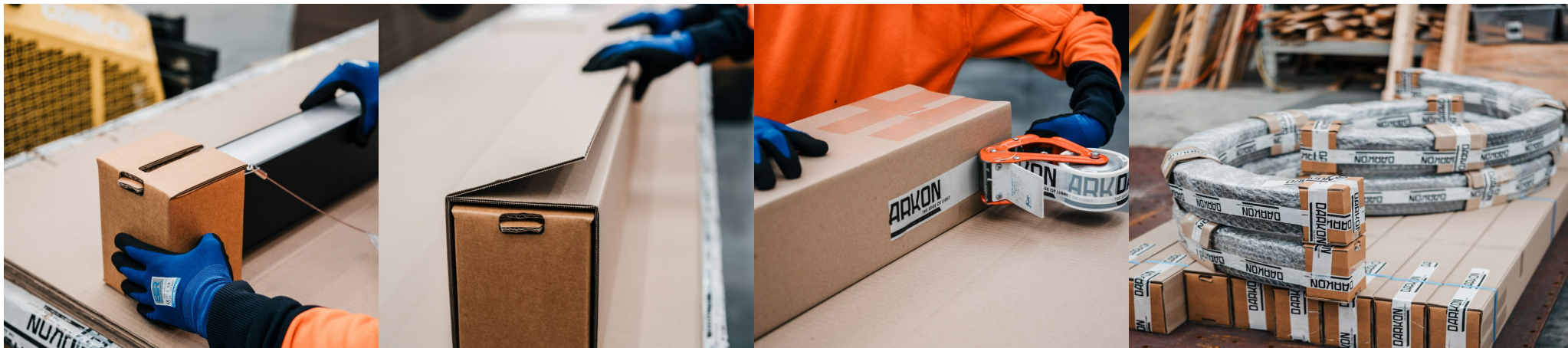
We recycle 100% of our post-production sheet metal and aluminium scrap, ensuring excess material generated through fabrication is recovered and diverted from landfill wherever possible.

This supports a more circular approach to manufacturing and reinforces the importance of precision design, accurate production and responsible material management.



100%

OF POST-PRODUCTION
SHEET METAL AND
ALUMINIUM SCRAP
IS RECYCLED.



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Smarter Packaging & Logistics

DARKON uses a box-on-demand packaging system to create right-sized cartons for each order.

This reduces excess packaging, improves packing efficiency and helps minimise empty space during transport. By reducing oversized cartons and improving the way products are packed and shipped, we can reduce unnecessary material use and support more efficient logistics.

**RIGHT-SIZED
CARTONS REDUCE
UNNECESSARY PACKAGING AND EMPTY
SPACE IN TRANSIT.**

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Water Efficiency & Resource Management

DARKON continues to invest in practical initiatives that reduce waste and improve resource efficiency across our facility.

Our operations include rainwater harvesting and closed-loop systems within our powder coating and pretreatment processes. These initiatives help reduce water waste, improve process efficiency and support more responsible local manufacturing.

PRACTICAL

RESOURCE-EFFICIENCY
INITIATIVES ACROSS
OUR FACILITY.





Powder coating with reclamation and non-heavy metal / chromate pretreatment.

Responsible Finishing

DARKON's in-house powder coating capability gives us greater control over finish quality, turnaround times and environmental performance.

Our powder coating process includes the reclamation of powder coating material, allowing unused powder to be recovered and reused where appropriate. DARKON also uses a non-heavy metal / chromate pretreatment process, supporting a more responsible approach to surface preparation, finishing and product durability.

By managing powder coating in-house, we are able to maintain consistent quality while continuing to reduce waste and improve process efficiency across our manufacturing operations.

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Advanced Manufacturing Efficiency

DARKON continues to invest in advanced manufacturing technology that improves accuracy, efficiency and consistency.

Our fibre laser cutting capability supports high-precision fabrication, and we are transitioning to high-pressure air cutting as a more efficient alternative to traditional nitrogen-based methods. Our laser welding process also supports strong, clean joins while consuming less power than traditional welding techniques.

These investments allow us to manufacture with precision, reduce unnecessary rework and continue improving the way we produce architectural lighting solutions.



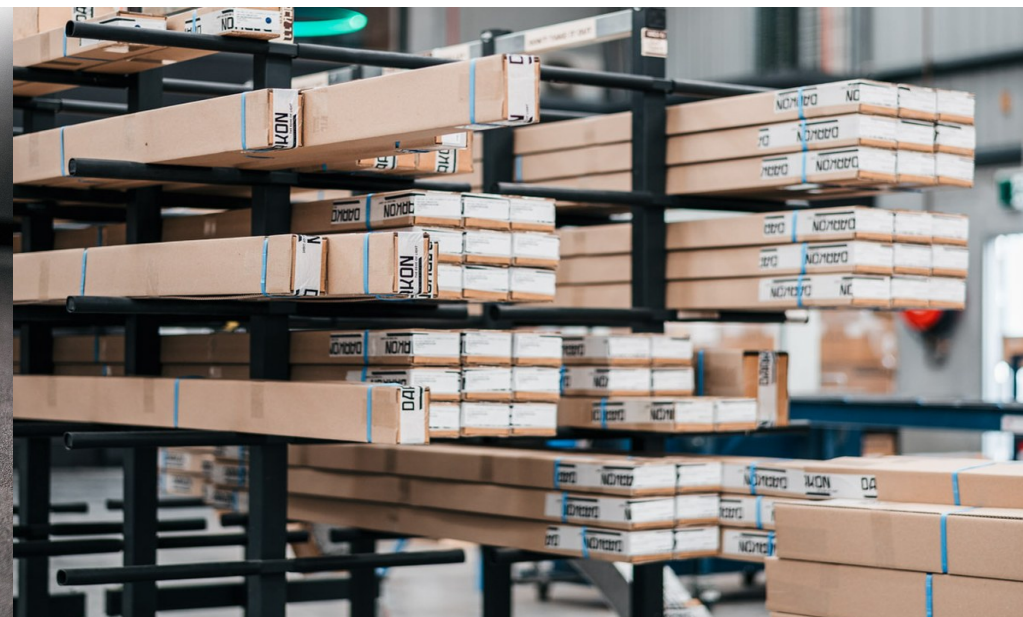
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Product Performance & Longevity

Sustainability is also influenced by how well a product performs over time.

DARKON's in-house testing capability, including photometric testing, allows us to assess luminaire performance and support accurate, efficient lighting outcomes. By designing and manufacturing products with quality, performance and longevity in mind, we help support lighting solutions that are made to last.

TESTING AND QUALITY CONTROL SUPPORT PRODUCTS MADE TO PERFORM OVER TIME.



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Responsible Supply Partnerships

DARKON recognises that responsible manufacturing extends beyond our own facility.

Where we work with external suppliers, manufacturers and industry partners, we seek to align with businesses that share our commitment to quality, responsible manufacturing, sustainability, ethical practices and the long-term strength of Australian industry.

We value partnerships that support local capability, responsible sourcing, fair business practices and better outcomes for Australian manufacturing, workers and communities.

As we continue working towards becoming carbon neutral by 2032, we will also continue to review our supply chain decisions and strengthen relationships with partners who support our commitment to more responsible manufacturing.



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Towards Carbon Neutral by 2032

DARKON is working towards becoming carbon neutral by 2032.

Our pathway is focused on the areas we can directly influence: local manufacturing, material recovery, packaging optimisation, water efficiency, responsible finishing, energy-efficient production methods, product performance, responsible supply partnerships and continuous improvement across our operations.

For DARKON, sustainability is not a single claim. It is a commitment to responsible manufacturing, practical action and Australian-made lighting solutions produced with care.

2032

**DARKON IS WORKING TOWARDS BECOMING
CARBON NEUTRAL.**