



PHILIPS

Managed Services

Bruynzeel



Case study

Lighting for a **Circular Economy**



Over the coming years we will pay a fixed monthly fee for lighting. We do not have to worry about management and maintenance, **we'll benefit from innovations that occur in the meantime, and we will have maximum peace of mind.**”

Bart Sijben, Operational Manager at Bruynzeel Storage

Bruynzeel Storage Systems is a manufacturer, advisor, and installer that develops space-saving and archiving systems for government, libraries, hospitals, and museums. The company is also determined to save resources. Their circular approach to business turns waste, by-products and emissions into materials that can be used in their production cycles. A successful model that gives real ambition to their aim of creating a truly sustainable future.

The challenge

Bruynzeel wanted to focus on their core business rather than the ownership and management of their lighting infrastructure. The company wanted a new level of control over energy use for lighting, as well as an end-to-end solution that would give them the ability to maximize recycling in line with their circular economy business agenda.

How it was solved

Philips Lighting was inspired by architect Thomas Rau to create a circular lighting solution. Rau established Turn too, a separate business to support Philips' 'Circular Lighting' model, to preserve resources by giving a residual value to all lighting materials and components.

Together, Philips and Turn too provide end-to-end management and maintenance of the new, budget-neutral lighting system. Bruynzeel now has a greater degree of energy efficiency and control over their lighting infrastructure, as well as guaranteed reuse of the maximum number of lighting components.

The last word...

Apart from improving the working conditions for its employees, Circular Lighting has helped Bruynzeel cut its energy costs by an impressive 73% and reduce its carbon footprint by 231 tons of CO₂. Maintenance has been minimized too, allowing the company to focus solely on its business rather than its lighting.



Lighting solutions realized in this project



Maxos LED

For a limited investment, Maxos LED offers best-in-class energy savings while delivering high lux levels at the required color temperatures and glare factors. The minimalistic Maxos LED comprises exchangeable mid-power LED boards mounted on a standard Maxos trunking rail.



Pacific LED

The luminaire and its components like LEDs, drivers and optics are designed for a broad range of applications such as freeze cells, parking garages (typically low ceilings) or warehouses (high ceilings) and it is an ideal solution for food industries because it does not contain glass and easy to clean. To maximize energy savings, the luminaire can be equipped with a DALI driver or with integrated wireless controls. Next to that, all applications benefit from an extremely long lifetime up to 70,000 hrs.



