

Carrefour distribution centre

Creation of a safe and pleasant working environment with low operating costs



Project snapshot

Gicram Groupe, a civil engineering company specialised in warehouses and industrial buildings, was commissioned to build a new distribution centre for Carrefour, the French multi-national retailer, in the city of Cestas.

This new site, which comprises over 62,380m², will store fresh food and groceries for the Carrefour supermarkets in the region.

- New distribution centre for large multi-national French retailer
- Lighting solution to ensure optimal environment for fresh produce
- Low energy consumption for savings
- Excellent visibility and visual comfort for staff
- Long life span with limited maintenance
- 183 INDU GEN
- 24 OMNI FLOOD
- 47 Axia 2



The Challenge

To provide a turnkey solution to achieve the rigorous operational requirements of the entire site.

As product quality is dependent on storage conditions, a high-performing LED lighting solution that would ensure an optimal environment in the ambient and temperature-controlled warehouse storage areas with low energy consumption and minimal maintenance costs was needed.

The lighting for the exterior zones required that drivers and staff could move around in complete safety and comfort.



The Solution

After assessing the needs, Schröder proposed a lighting design to maximise light output with minimal energy consumption.

The INDU BAY luminaire lights the 16,500m² warehouse with excellent uniformity and visual comfort to guarantee perfect working conditions.

The OMNiflood lights the loading bays to ensure a good depth perception for drivers when backing into and leaving the dock with minimal light pollution.

The Axia 2 was ideal for the car park. It provides a bright white light that guarantees a safe passage for all employees and visitors arriving and leaving the facilities.

The Results

The project managers are delighted as the lighting solution provides a secure space in line with the company's objective to reduce its carbon footprint.

Warehouse

- ✓ 183 INDU BAY
- ✓ 200 lux
- ✓ 70% uniformity
- ✓ 0.98W/m²/100lux

Loading bays

- ✓ 24 OMNiflood 3 @10m
- ✓ 300 lux

Car park

- ✓ 47 Axia 2 @4m
- ✓ 20 lux: access roads
- ✓ 10 lux: car park

🔗 Our customers want sustainable lighting solutions that enable them to reduce energy consumption while achieving high quality productivity gains. Schröder is the right partner to deliver solutions within the required timeframe thanks to their end-to-end approach and product innovation. 🔄

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