

# interact Industry



## Case study

## Providing Pilkington Automotive with more than just light

Interact Industry transforms a new warehouse with smart lighting





One of the world's largest automotive glass suppliers Pilkington Automotive, part of the NSG Group, had a challenge on their hands when it came to lighting their new 47,000 m<sup>2</sup> warehouse facility.

### Customer challenge

As one of the world's leading manufacturers supplying glass to the Automotive Glass Replacement (AGR) industry, Pilkington Automotive was looking to develop a brand new and ultra-modern warehouse, situated in Gelsenkirchen, Germany. The company was adamant that this facility would feature only the latest state-of-the-art technology.

Meeting the current storage system and warehouse design standards was necessary in order to deliver value to the company's customers. On top of this, the team at Pilkington Automotive was keen to align the warehouse design with their future-orientated business approach. And of course, this included finding the best smart lighting solution that offered benefits beyond providing light.



“

With Interact Industry, we received a connected lighting system that does more than just provide light. It also gives us data about our site, and allows us to make smarter decisions about our operations.”

**Marcel Devereaux,**  
Category Manager Energy Projects, NSG Group

## Solution

Alongside 1300+ Philips Maxos Fusion luminaires, Signify installed Interact Industry: a connected lighting system that — complete with software applications — helps the team to manage lighting and operations throughout the warehouse.

Thanks to smart lighting, Pilkington Automotive can use gathered data to distribute the workload evenly. For example, they can now observe exactly which areas receive the most frequent use. They can access this data through an easy-to-use, intuitive dashboard, providing insights into lighting usage and even allowing Pilkington Automotive to optimize lighting operations remotely.



We are very satisfied with this solution, and will take it into account when modernizing existing warehouses.”

**Michael Lepschy,**  
Project and Quality Coordinator,  
Pilkington Automotive Deutschland GmbH



[www.pilkington.com/de-de/de/automotive](http://www.pilkington.com/de-de/de/automotive)

## Making it happen

Interact Industry software enables Pilkington Automotive management team to analyze all data collected through smart sensors embedded in the lighting system. With this data they can improve the warehouse and process layout continuously. For instance, it allows them to optimize storage locations.

Alongside improving operations, Interact Industry enables the warehouse to increase its energy efficiency. The system is configured so that lights are only switched on when really necessary in consideration of all legal requirements and the safety of Pilkington's employees. This can be achieved by adapting the lighting to demand, using daylight harvesting and presence sensors. This means as well as saving up to 50% of energy, compared to sites where conventional lighting is used, the carbon footprint at Pilkington Automotive can be reduced by 290 tonnes of CO<sup>2</sup> each year too.



## Interact Industry benefits



### Energy optimization

Interact Industry lets you monitor energy consumption in all of your facilities and customize lighting behavior with advanced sensing to maximize energy savings—but not at the expense of safety. This puts you in the best position to comply with regulatory standards and meet your sustainability goals.



### Lighting management

With Interact Industry Lighting management software, you can take complete control of your lighting in a single warehouse or factory, or across your entire supply chain—from anywhere, at any time. An intuitive dashboard offers insight into lighting usage and allows you to optimize lighting operations remotely.



### Space management

Streamline order picking and speed up delivery by optimizing your factory or warehouse layout. Interact Industry Space management gathers real-time data via the connected lighting to reveal precisely how areas are used, providing heatmap visualizations to guide inventory strategies and productivity improvements.



### Dashboard and APIs

Manage, monitor, and control your lighting from a single dashboard. Keep informed in real time on how you are tracking against targets and KPIs and quickly access more detailed information when required. Open APIs enable integration with other systems to exchange data or control lighting from a different user interface.

## Project details

- Over 1300 Philips Maxos Fusion luminaires installed
- A total of 600 sensors integrated into the lighting system
- 116 kW LED power installed
- 50% of energy saving comparing to other Pilkington's sites where conventional lighting is used

➤ **Find out how Interact Industry can transform your business**  
[www.interact-lighting.com/Industry](http://www.interact-lighting.com/Industry)

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