

## Energy Efficiency Division

*Painting department*

Save energy,  
get profit





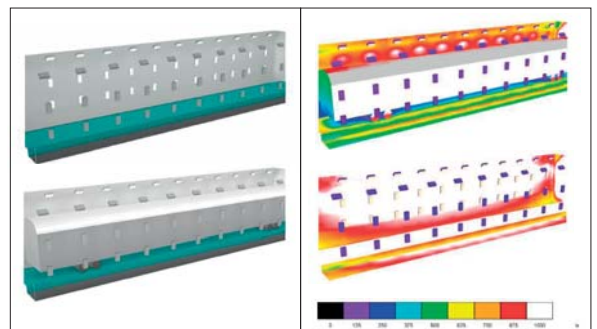
## MEASUREMENT

The project stems from the need to obtain a better light quality inside the spray booth. The lighting and consumption values have been measured “on-site” in order to choose the best technology in terms of **comfort, visual performance and energy saving**.



## DATA ANALYSIS

In order to simulate the most realistic luminous flux, we have measured both the empty painting booth and the same with the product to be painted inside.



## ACTION

Replacement of the existing fluorescent lighting with **induction lighting**, having high visual performance and energy efficiency.



## MONITORING

Thanks to the **H-Vision** platform it is possible to verify the actual economic and energy saving, preventing anomalies through specific alarms calibrated to the customer's needs.



## RESULTS

- Improvement of visual comfort and light quality: **CRI > 90%**
- Energy saving: **-52%**

**PAYBACK PERIOD < 1 Year**