

Energy Efficiency Division

Painting Company

Save energy,
get profit





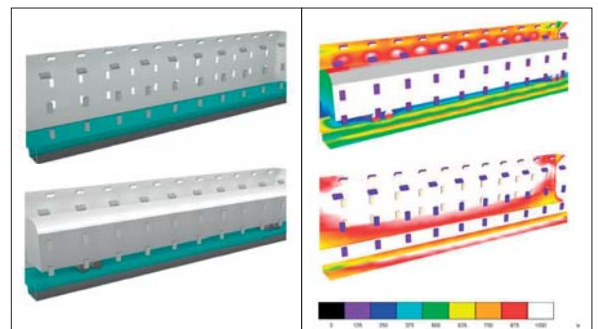
MEASUREMENT

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**.



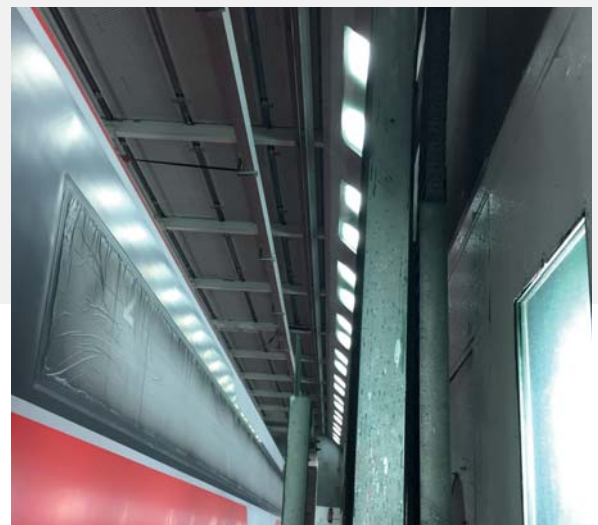
DATA ANALYSIS

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