

Effective SAFETY Solutions

WHERE

Company: Constellium
Location: Singen SSH
Business: Casting and Rolling

THE ISSUE

It was intended to improve the illumination to provide a safer workplace. A second target was to reduce the energy consumption as an ISO 50001 objective and to save cost.

THE SOLUTION

Type: Technical - Procedures - Others

The old lighting gears were replaced by LED lamps.

PICTURES



Before



After



Before



After

SAFETY BENEFITS – pros/cons

Illumination has been increased from less than 100 lux to more than 200 lux.

IMPLEMENTATION COST (k€) AS APPLICABLE

The reduction of energy consumption is 70-80%.

Approximate payback time is 2.5 years. If the illumination had not been increased the payback time would have been 1.5 years only.