High Bay Installation

CASE STUDY

“We have tested several manufacturers of power LED chips with the result that all technical data and critical values of Bridgelux are better than the ones of the competitors.”

– Julia Jenner, CDS

Background
Wegener Härtetechnik GMbH is a renowned company for metal refining, hardening and nitriding of a variety of steels and other heat treatments like vacuum hardening with high pressure gas quenching or low pressure carburizing.

Project
Wegener Härtetechnik wanted to reduce their maintenance cost while saving energy and improving the quality of light in their manufacturing facility.

Challenges
• 400W metal halide fixtures
• 40 hours per week operation
• Energy Cost: 80€/Year/Light

Solution
LED high bay luminaires were installed throughout the manufacturing facility:
• CDS Luminaire: LED-Hallenleuchte HLX 100
• Bridgelux LED Arrays: Vero 29

“We are convinced that Bridgelux manufactures high quality products with an excellent price/performance ratio. In particular, an outstanding support by the current sales team and a quick availability ensured through distribution, contribute to the high quality of the product.”

– Julia Jenner, CDS

Benefits
Bridgelux and CDS were able to achieve significant benefits for Wegener Haertetechnik:
• Energy Reduction: From 400W to 75W/Fixture
• Energy Cost Reduction: From 80 to 20 € /Fixture/Year
• Zero maintenance since installation
• Increase quality of light

“The CDS luminaire, based on high performance Bridgelux LEDs, is a very high-quality light and withstands our high shop floor temperatures. This is the right decision!”

– Wegener Härtetechnik Management

Participating Companies

Fast Facts
Client: Wegener Härtetechnik GMbH
Location: Homburg, Germany
Manufacturer: CDS Gesellschaft Für Innovative Steuerungstechnik GMbH
LED technology: Bridgelux