

Hupac



Hupac is a leading network operator in intermodal transport across Europe and beyond. For over fifty years it's pioneered innovative, reliable maritime to rail transport solutions. It's also made an important contribution to the shift from road to rail.

The Hupac Group is made up of 23 companies with locations in Switzerland, Italy, Germany, the Netherlands, Belgium, Poland, Russia, and China. These companies have 7,300 rail platforms at their command and operate terminals at important hubs and connect major European economic areas to each other, as well as to Russia and the Far East.

The challenge

Hupac was becoming more and more dissatisfied with its current metal-halide (MH) lighting system.

- Metal-halide systems are much less efficient than our LED solutions. And the amount of energy Hupac's metal-halide lighting was using, and the costs involved, was becoming less sustainable for the company.
- The lighting levels their metal-halide system was producing were also below what Hupac wanted.

At a glance

Sector: Maritime
Customer: Hupac
Project date: May 2018

Total number of cranes: 10
Type of crane: RTG
Crane brand: Kuenz

LED floodlights installed: 120
Type: Docker 150/300
Lux average values: 150

Uniformity: >0.5
Energy savings: 65%



- And it was spending too much time and money maintaining its lighting. This was mainly because the moving parts in metal-halide lamps can be easily damaged due to the vibrations caused when a crane is moving.

These aren't issues when it comes to our highly efficient, solid-state LED lighting solutions though. That's why, amongst the other benefits we offer such as free lighting design, Hupac approached us to upgrade its RTG crane lighting.

Our Solution

Another challenge Hupac set us was it had to keep operations running the whole time. This meant a flexible retrofit solution, where we could work to Hupac's schedules, was needed.

After conducting a free on-site review, it was clear our Docker 350 and 150 luminaires would be the perfect upgrade replacements for the current 1,000kW and 400W floodlights.

- Their low weight and compact size make them quick and easy to install. So we didn't have to interrupt operations at all.
- The whole Docker Series has been designed for applications requiring the high

performance and high durability Hupac was looking for.

- Made with a 316 stainless steel body, Docker solid-state floodlights are built to resist the harshest environments and vibrations. So, Hupac's need for minimal maintenance wasn't a problem.
- Plus, the Series' wide range of optics help reduce glare, increase uniformity, and avoid any dark spots on the ground to maximise safety across all areas.
- The Series can also provide a light coverage area four times greater than traditional lighting. Exactly what Hupac was looking for.
- And, lastly but very importantly, because they're LED, they're much more efficient and are already saving Hupac a lot of energy and money.

The overall result? A very happy client.