

CASES
027

AAA-LUX LED luminaires from the JT-series illuminate the smallest spots

One solution to illuminate all

Satisfied with the AAA-LUX achievement to illuminate its terminal from 45m height, Rietlanden coal terminal tasked AAA-LUX with illumination all other areas too. Only using AAA-LUX technology allows Rietlanden coal terminal to control and manage the illumination through only one system.

In recent years AAA-LUX has managed to carve out its reputation of being a specialist in developing LED luminaires that illuminate large areas or areas where high-quality illumination is required. Rietlanden coal terminal became a case study itself in 2013 when AAA-LUX was the first company who managed to

in the port of Amsterdam. The range of AAA-LUX LED luminaires from its AL-series were complimented by AAA-LUX LED luminaires from the JT-series. "LED luminaires from the AAA-LUX JT-series have specifically been designed to provide LED illumination of the same superior quality one can expect from the AAA-LUX AL-series but the JT-series luminaires can do so from lower heights," Michel van Dooren of AAA-LUX says. "By offering a solution for installations where a combination of illumination from greater and lower heights is required, we enable the end-user to control all illumination through one system."

Easy to control

Luminaires from the AAA-LUX JT-series are perfectly suited to illuminate smaller and 'hidden' areas which are impossible to be covered by LED floodlights from

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achieve high-quality LED illumination from 45m height. Impressed by the energy savings, employee safety and flexibility that were achieved, Rietlanden coal terminal decided to invite AAA-LUX to illuminate its entire complex. This included the washing bay for its vehicles as well as parking areas and service areas at its site

the AAA-LUX AL-series. "These luminaires are often used to illuminate high-roofed indoor facilities like

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aircraft hangars," Van Dooren continues. Although the market for LED solutions for lower or medium heights has a higher number of players, integrating the AAA-LUX JT-series luminaires in a project where other AAA-LUX LED luminaires are used can be much more beneficial for the end user than splitting the project. "AAA-LUX LED technology that is controlled through the AAA-LUX Lighting Control Management System (LCMS) can achieve significant additional energy savings over and above the fact that LED technology itself consumes significantly less energy than conventional luminaires do. We know of projects where up to 80% energy savings were achieved once

AAA-LUX LED technology was installed. The problem is that none of the LED technology out there is sophisticated and superior enough to be integrated into the AAA-LUX LCMS system. When multiple suppliers are used to illuminate areas, alongside the AAA-LUX LED technology, the end user ends up with more than one system to operate the luminaires. This makes any savings projected become redundant as the flexibility and ease of control of all luminaires becomes void. Operators suddenly have to deal with two separate systems."

In a market that is saturated with suppliers of cheap LED technology, AAA-LUX LED luminaires from the JT-series are sometimes being overlooked. "End users who want to achieve maximum results in terms of savings and illumination quality should never ignore the AAA-LUX JT-series. These luminaires will guarantee operators to be able to illuminate the exact area they want, whenever "they want, according to the illumination level they want. LED luminaires from the AAA-LUX JT-series perfectly complete our package."

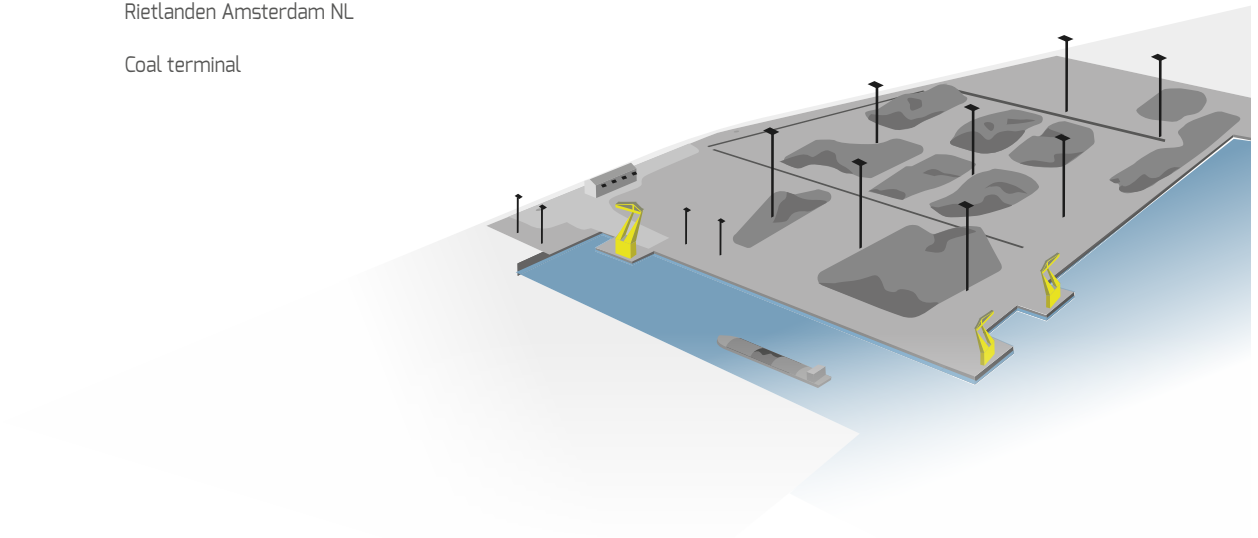


Installation details

Light plan

Rietlanden Amsterdam NL

Coal terminal



Led Luminaires used



- 48 x AL60** - main
- 4 x AL90** - washing
- 4 x JT01** - coryard
- 2 x AL360** - parking

Illumination quality: 20 - 50 lux

More information:

<http://www.aaa-lux-lighting.com/products/al-serie-luminaires/>



LCMS



Touchscreen



Control box

AAA-LUX project partner

AAA-LUX