

CASE STUDY



LEDVANCE

# PRECISION LIGHT FOR HIGH QUALITY PRODUCTION

Machinefactory Klinkers, Maastricht,  
Netherlands

## KEY FACTS

### THE BEST SOLUTION AND SERVICE

LEDVANCE and installer Vormtech provided a modern solution with the TRUSYS FLEX Trunking System in this machinefactory, from initial planning to project completion.

### MAKE A FACTORY PRODUCTIVE

The new LED lighting reduced the energy consumption by more than 60 %, leading to substantial savings on the energy bill and carbon footprint and higher comfort.

### CREATE A MODERN SYSTEM

In this machinefactory from Klinkers DALI-2 light management has been used in combination with modern DALI-2 LMS components.

### EASY MAINTENANCE

The very long nominal life and reliability of the LED luminaires and a guarantee of up to 5 years minimize the effort and costs for servicing.

**TRUSYS FLEX P35W 840  
OP WT DALI**



**TRUSYS FLEX RAIL 1500  
AND 3000 8P**



**MCU SELECT DALI-2**





# MACHINEFACTORY KLINKERS PRECISION LIGHTING FOR HIGH QUALITY WORK

The Machinefactory of Klinkers in Maastricht has a long reputation on producing high quality products. With the change to TRUSYS FLEX trunking system they also upgraded their lighting to this standard.

## THE CHALLENGE

The old LPD lighting of the Machinefactory in Maastricht (NL) had to be replaced with a modern lighting solution. This ambitious step should not only enhance the lighting quality but help achieve significant savings on the energy bill. A factory has in many cases difficult conditions. Low ceiling, high machinery. Precision work where lighting plays an important role is crucial.

## THE SOLUTION

The lighting project, developed by LEDVANCE together with Installer Vormtech has been designed with the TRUSYS FLEX trunking system, which is perfect fit for these applications. In total > 110 meters of this system in DALI-2 were installed to upgrade the current Factory. The MCU Select DALI-2 component is used to control the Lighting Installation in an easy way.

## THE BENEFITS

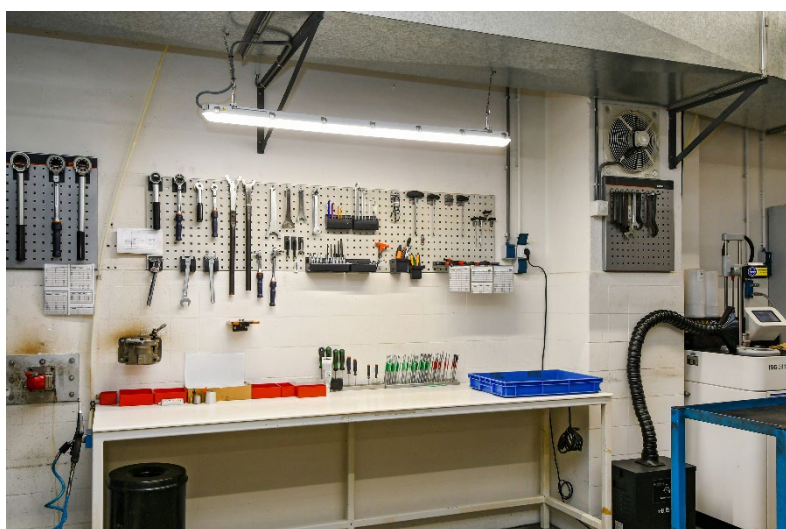
Switching the lighting to this new solution produced remarkable results in several respects: Energy consumption was significantly reduced by more than 60 %, leading to substantial savings on the energy bill even to 90%.

## SUMMARY

Through LEDVANCE's professional product range, and in close collaboration with the owner of the factory and the Installer Vormtech, the Machinefactory has been upgraded with an installation taking care of reducing energy consumption and improving the quality of light for the people who work there.

"We were taken care of from A to Z. The result is exactly what it needed to be in our working situation."

*Mr J. Klinkers  
Machine Fabriek Klinkers  
Maastricht*



In work areas DAMP PROOF GEN2 luminaires have been installed.



An MCU SELECT DALI-2 component has been installed to dim the trunking system



The TRUSYS FLEX system offers a bright and comfortable lighting for Machinefactory Klinkers.