



HIGH PERFORMANCE IN ANY ENVIRONMENT

**BMB Natuursteen, Wortegem-Petegem,
Belgium**

FACTS AT A GLANCE

GOOD FOR THE COSTS, BETTER FOR NATURE

Thanks to an efficiency of 139 lm/W, the Damp Proof luminaires enable energy savings of up to 60 % compared to fluorescent lamps.

MAINTENANCE MADE EASY

The very long rated service life of the LED luminaires of up to 70,000 h (L70) reduces the effort and costs for maintenance and servicing.

CREATED FOR DIFFICULT CONDITIONS

The IP65 fittings used are resistant to moisture and dust, making them ideal for use in stone processing plants.

IDEAL FOR CUSTOMERS AND EMPLOYEES

The significantly optimized lighting quality facilitates the presentation of products and also increases safety for employees.

**DAMP PROOF 5X
THROUGHWIRING 1500
46W 840 IP65 GRAY**



SUSTAINABLY EFFICIENT INDUSTRIAL LIGHTING – LED SOLUTIONS FROM LEDVANCE

Energy-saving, safe, resilient: LEDVANCE realizes a lighting concept for the storage and production rooms of BMB Natuursteen that is tailored to the needs of employees and customers.

THE CHALLENGE

The family business BMB Natuursteen, based in Wortegem-Petegem (Belgium), has specialized in tailor-made natural stones for a variety of projects for more than 50 years. A new lighting solution was now sought for the company's showroom, warehouse and production hall. In addition to optimized energy efficiency, this should also deliver significantly better results in terms of light output, maintenance costs and effort and the life span of the products used.

THE SOLUTION

In cooperation with the installer Velektro, LEDVANCE analyzed the lighting situation in the individual rooms of BMB Natuursteen and developed a comprehensive lighting concept on this basis. It was particularly important to have robust lights that could cope with the dusty environment and at the same time meet the requirements for energy saving. Accordingly, the use of LEDVANCE Damp Proof 5X Throughwiring 1500 46W 840 IP65 was recommended. A total of 451 of these luminaires with integrated through wiring were used in all production and storage areas of the building. The through wiring made installation very easy and quick.

THE BENEFITS

The IP65 fittings used are moisture and dust resistant, which is particularly important in view of the dust pollution that occurs during stone processing. The very long service life of the lights of 70,000 hours (L70) not only reduces maintenance costs, but together with the high efficiency of 139 lm/W, it also contributes to significant savings in energy costs after just a short time: up to 60% compared to the old lighting system with fluorescent lamps. In addition, the lights are ENEC certified. The significantly optimized light quality in the various areas of the building also improves the presentation of the product range in the exhibition room to visitors. The better lighting in the warehouse and production hall also increases occupational safety for employees.

SUMMARY

LEDVANCE, together with Velektro, is developing and implementing a LED-based lighting concept for the company and production premises of BMB Natuursteen in Wortegem-Petegem, Belgium. This increases energy efficiency, reduces costs and effort for maintenance and, thanks to the significantly improved light quality, also increases comfort for visitors and occupational safety for employees.

„Due to the complexity of the site, it was a plus that we were able to install the fixtures quickly and easily.”

Gregory Vandeputte,
Business Manager,
Velektro

