



POWERBOSS ELUMA CASE STUDY

AN POST

An Post is the Republic of Ireland National Mail Sorting and Delivery Service. There are three main distribution centres together with four regional locations. The main Distribution Mail Centres (DMCs) are three new buildings constructed in the last five years. They are all equipped with constant wattage high output metal halide luminaires.

The Dublin DMC consists of approximately 200 high bay metal halide units. The task being performed at all An Post DMCs involves checking and sorting mail for distribution, and as a consequence, the task at times can be laborious and difficult.

Since the construction of the new DMCs there have been ongoing difficulties with lighting quality in terms of veiling reflectance, lack of uniformity and discomfort glare. Implementing any change has been extremely difficult from an IR perspective.

As a result of a lighting analysis carried out of one of the satellite mail centres located in the centre of Dublin, it was proposed that 6 Powerboss Elumas be installed on an evaluation basis.

The Cardiff Lane satellite distribution centre was a particularly difficult environment, as different lighting solutions had been proposed over the years without success, and as a consequence the operator co-operation was particularly poor.

As a result of the Powerboss Eluma fittings being installed, the reaction from the staff generally was extremely positive. Since then the entire area has been upgraded to everyone's satisfaction.

The consulting engineers confirmed that it was the first time ever, on any engineering project, that the operators and general work force were complementary about the integration of the new technology. Owing to the success of the satellite mail centre, the regional Dublin mail centre has now been upgraded with the same technology, removing 400W metal halide constant wattage luminaires with the installation on a one-for-one basis with the Powerboss Eluma solution.

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