

LED Low Bay Task Lighting

Key Theatre, Peterborough



Client: Vivacity

Project: LED Low Bay Task Lighting

Client's requirements

Our client, Vivacity a division of Peterborough City Council (PCC), required a task lighting solution suitable for its theatre & stage.

Some of the principle requirements for the Key Theatre are detailed as follows.

- Low bay illumination
- Colour to be white light at above 4000k
- Lumen output greater than 7000 each
- Suspend light fittings with safety chains

The Problem

The Key Theatre previously had a mixture of white and orange sodium based Low Bay fittings of which a majority were unsuitable and many had failed.

As these Low bay lights are used for task based purposes, designing stages and cleaning becomes increasing difficult.

The Solution

The K A Wing Group Ltd (KAW) deployed their team to produce a lighting design and delivery of an LED based lighting solution.

We carefully selected a lighting system most suited the requirements and found a practical solution using Phillips LED Low Bay Low Bay luminaries.

The solution was to install 17 no. Low Bay LED fittings within the theatre directly replacing the old sodium fittings.

An advantage of using modern LED fittings, we are able to forecast a 90% lamp efficiency saving on running costs.

Brief specifications of the LED Low Bay lamps are suited well due to a lumen output of 8500-9200 and colour temperatures at 4000k.

K A Wing have created a bright and neutral working environment for the Peterborough Key Theatre.

Making the difference

The K A Wing Group Ltd are considered specialists in the field of providing reliable and innovative solutions across Peterborough for Schools, shopping centres and local government buildings.

The project at hand was met with outstanding reviews, delivered on time and to budget.