

zeta

Specialist Lighting

Bidvest Foodservice

Investment in environmentally-friendly, energy- and cost-efficient LED technology as part of a strategy to improve external lighting across twenty sites nationwide, has enabled Bidvest Foodservice to improve the working environment for its night-shift operators, greatly reduce maintenance costs, lower energy bills and dramatically decrease its carbon footprint.

The Challenge



When it came to exploring options to upgrade the legacy energy-hungry external lighting in its operations, Bidvest Foodservice had a tightly defined set of criteria. Making operational areas safer, reducing energy consumption, lowering its environmental impact and lessening the load in terms of maintenance, were key objectives.

Following a recommendation, Bidvest Foodservice approached Zeta Specialist Lighting to propose a modern solution that would deliver the improved quality of light and longevity they required, alongside an overall reduction in CO2 emissions.

The Solution

Zeta recommended its LED Flood Light, a long lasting (typical lifetime is 40,000 hours), low power alternative to halogen and sodium flood lighting. Zeta's proposal involved tabling the projected energy savings, alongside the CO2 reductions that Bidvest Foodservice would achieve with this powerful solution, across an initial three sites.

The proposal exactly met Bidvest Foodservice's requirements and a trial site was chosen so that the company could experience first-hand how this LED solution, which typically reduces energy consumption by 65 per cent, would provide them with improved illumination levels in all areas. The trial was a success and resulted in Zeta winning the contract to supply LED Flood Lights for twenty sites nationwide over two planned phases.

Zeta created a bespoke lighting design for each site, these were structured so that optimum illumination was achieved in all outside areas including existing dark areas, and involved utilising a number of different wattages as well as a mix of fittings including bulkheads and baton fittings sited under canopies.



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Key benefits

The business case to replace the legacy energy-intensive external lighting across all sites with Zeta's LED Flood Lights was a compelling one. The savings across energy consumption, environmental impact and maintenance costs kick in from day one, and Bidvest Foodservice is set to secure a strong return on investment within the first year.

For phase one - six sites - Salford, Battersea, Bicester, Wakefield, Nottingham and Paddock Wood in Kent were identified as the most urgent and electrical contractor Ormiston Electrical Services was commissioned to professionally manage the installation in each location.

Workers at all six sites are now enjoying a brighter, more secure and ultimately safer working environment, thanks to the superior uniformity of light and improved illumination - especially within areas formerly described as 'dark spots' - that the LED Flood Lights deliver. Feedback has been extremely positive and according to the facilities team, during monthly site visits, the first question from employees in locations where the refurbishment has still to take place is: 'when will we get our new lights?'

Maintaining the lighting at all sites previously presented Bidvest Foodservice with a number of logistical issues. With Zeta's LED solution, the company no longer has to factor in the time and costs associated with maintenance, the LED Flood Lights boast a long-life and come with a five-year guarantee making them virtually maintenance-free.

Phase two of the project - rolling out the new solution across a further fourteen sites is now underway and Bidvest Foodservice expect to achieve a significantly reduced carbon footprint and savings on energy consumption across all locations.

"The bulk of our work is conducted overnight and so the lighting within each site's large yard has to be first class. Equipping our staff with the tools they need to do their jobs and ensuring their security and safety is really important to us and Zeta's solution delivered on all counts. We could also see the additional benefits right from the outset, half-hourly meter readings clearly demonstrated significantly lower energy consumption which translates into impressive cost and carbon savings."

Kevin Kinghorn, Facilities Manager, Bidvest Foodservice

"There is a huge improvement on visibility in all areas of the yard. As the new lights are so bright I was initially concerned that we may get complaints from the local residents, however I have walked around the outside of the perimeter, and no lights can be seen from the other side of the wall. The staff are extremely impressed with the improvement."

Jeff Matley, Transport Manager, Battersea



Solution

- Zeta LED Flood Light