

Case Study

KP Snacks, UK



Safer Lighting Solutions

When a UK snack food manufacturer became increasingly frustrated with the costly and continual maintenance problems of tired diffuser covers, they turned to GlassGuard® for not just a more durable and cost-effective solution but one that would also provide significant energy savings.

KP Snacks, which is part of Intersnack Group, manufacture a range of packet snack brands such as McCoy's, Hula Hoops and Skips.

Their Hula Hoops factory in Ashby-de-la-Zouch had an ageing lighting installation which was made up largely of T8 fluorescent battens with tri phosphor lamps and plastic diffuser covers. The engineering team was wasting valuable time, effort and money in carrying out continuous costly repairs to the diffuser covers which had become corroded and cracked over time. The broken clips in particular posed a serious contamination risk to food safety. The use of T8 tri phosphor lamps was dated, costly to replace and high in energy consumption.

KP Snacks saw approximately 350 twin-batten GlassGuard® IP65 Open-Rated Luminaires installed across their Ashby-de-la-Zouch site over a period of 12 months. Each diffuserless luminaire was fitted with 49 W T5 GlassGuard BlackBand® to IEC 61549 fragment retention lamps, which in the event of accidental breakage will retain all the glass particles safely, ensuring adequate site protection. Installation of the open rated fixtures also saw an increase in illuminance levels and a major reduction in power and energy consumption leading to a significant financial saving of £5,518 pa and 55,000 kW for KP Snacks.



- Reduced the risk of glass contamination from accidental lamp breakage by using BlackBand® to IEC 61549 industry compliant fragment retention lamps
- No diffuser covers to clean or replace - significantly reducing maintenance costs
- No clips or small working parts that can break off or be lost
- Passes BRC and all other food safety management system audits
- High efficiency with up to 100% light output ratio compared to typically 70% with enclosed luminaires



"KP Snacks is committed to product safety and the installation demonstrates this commitment."

KP Snacks