



THE LOCATION:
THE GOOD FOOD PARTNERS,
ROWVILLE VIC



THE TEAM:
L-R: NIC ASCENZO &
STEWART DODDS

Illuminating the Path to Success: Enhanced Lighting Transforms Food Manufacturing

LIGHTING CONCEPT DESIGN & INSTALL

Stewart Dodds, Manufacturing Projects Manager of The Good Food Partners (a joint venture between Diver Foods and The Arnott's Group), sought a lighting solution for their new manufacturing plant in Rowville, Victoria. This project was initiated as part of a collaborative effort between The Arnott's Group and Diver Foods with the primary objective to provide a customised lighting solution specific to the client's requirements. This included a higher light level design than industry standards with a design brief to achieve an average of 1,300 Lux with very good uniformity and ensuring very low glare from the LED lights by using specialised diffusers. The project's anticipated outcome was to fulfill the clients lighting needs efficiently.

Stewart appointed Middy's to develop a high spec lighting solution with good uniformity that incorporated low glare triumph diffusers. The project brief presented several challenges and specifications that needed to be addressed, including:

- The mounting of luminaires could only be fixed from the inside at ground level due to the absence of external and top access
- Utilising fixings without metal screws to prevent loosening
- Ensuring good uniformity and consistency of lighting across the manufacturing areas to assist the quality control of good food production and ensure staff safety
- Adapting to varied mounting heights within the manufacturing areas, which ranged from 3.5m-6m and ensuring the light levels were consistent with good uniformity
- To meet to a tight timeframe with a short two-month window to supply a concept, design and the supply of over 700 Luminaires

Nic Ascenzo, Sales Representative (Rail/Major Infrastructure) at Middy's Melbourne, in collaboration with the client and suppliers, designed a concept that catered to the client's specifications. This concept included the installation of two lumen package luminaires to accommodate the diverse mounting heights within the manufacturing areas. The total manufacturing area spanned over 17,000 square metres and encompassed 22 distinct manufacturing areas.

THE INSTALL:

- ▶ **HLS Series 600 x 600mm Luminaires with Triamp Lens from Harcroft**
- ▶ **2 x Lumen Packages offering 20,000 & 30,000 Lumens**

PROJECT OUTCOMES:



IMPROVED SAFETY THROUGH CLEAR, HIGH DEFINITION LIGHTING & REDUCED GLARE



INCREASED LIGHTING LEVELS LEADING TO ENHANCED PRODUCTION EFFICIENCIES



IMPROVED WORKING ENVIRONMENT & HEALTH BENEFITS TO STAFF



We have great satisfaction with the project's outcome, which effectively met all design and conceptual expectations and upon the project's completion, several positive changes were immediately observed.

Stewart Dodds
Manufacturing Projects Manager of the Good Food Partners

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