

## FLOWERS FOODS

Opelika, AL



### Situation

Flowers Foods, one of the largest producers of packaged bakery foods in the United States had just installed a new bread cooling conveyor system and was looking to light the underside of the system to improve safety and efficiency. Ideally, Flowers was seeking a low-profile, ultra-durable, efficient LED system that would consistently and sufficiently illuminate the floor area and last for years without a second thought.

### Challenge

Flowers Foods needed an NSF rated linear luminaire that was suitable for use in wet locations, energy efficient and easy to install. Additionally there was a height restriction challenge. Flowers needed to operate fork lifts under the lighting and many traditional solutions were simply too large to allow this. Glass products were also not an option. Flowers has been steadily moving away from the use of glass products on the production floor as there is always a risk of breakage.

#### LOCATION

Opelika, AL

#### REP

AMA Lighting  
www.AMALighting.net

#### MARKET/APPLICATION

Food Processing



**VERSATILE.**

**STRONG.**

**SIMPLE.**



**"It took me under three hours to install 75 feet of lighting! The system's convenient push-and-click connectors just simply snapped together. Operating at about one-third the cost of traditional lighting, it also provided the clear, bright white light that we wanted for our workers. Switching all our lighting to LED is definitely now in the discussion."**

*Chuck Gilmer, Building & Maintenance Superintendent*

## Solution

G&G's low-profile, linear WPX series luminaires are NSF rated for use in food processing applications. This rating provides assurance that the luminaire can meet the rigorous demands of the food processing applications, withstand daily cleaning protocols, contains no toxic materials and are highly resistant to corrosion. At 150 lumens per watt G&G's WPX series was the efficient, simple and durable solution Flowers was looking for.

## Result

Flowers installed long linear runs of G&G's WPX series underneath the new conveyor system. The fixtures were mounting in a u-channel with a finished mounted height of less than two inches. The end result was a clean, quick and simple installation. At up to 1,500 lumens per foot the system sufficiently illuminated the working area with a crisp, consistent light output. From splash zones to loading docks G&G's WPX series can endure tough the conditions found in food processing environments while consistently contributing to a clean, safe and visually effective workplace.



## Features That Mattered

- ✓ **NSF Rated** - Certified for Use in Food Processing
- ✓ **IP68/IP69K** - High Pressure Hose-Down Rated
- ✓ **Impact Resistant** - IK10 Impact Certified
- ✓ **Low-Profile** - Compact 1" Round Housing
- ✓ **Easy Installation** - Plug and Play Connectors & Cabling



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