

ROSY-LANE HOLSTEINS MILKING PARLOR

Watertown, WI



Situation

Rosy-Lane Holsteins is a family owned, forward thinking dairy operation with a mission to care for their animals by balancing production and profitability while protecting natural resources. It is this forward thinking attitude that sent co-owner Jordan Matthew on a mission to provide better lighting during the milking process. The primary goal was to have bright lighting where it is lacking and where it is needed most to make the technician's job easier and the milk cleaner.

Challenge

The traditional solution to provide lighting in milking parlors is overhead vapor-tight or metal-halide fixtures. Due to the significant amount of equipment in the parlors as well as the positioning of the animals there is typically very low light levels at the point of the milking process where lighting is required most. There is simply nowhere to effectively mount traditional lighting in the minimal space available close to the milking process. Additionally this lighting can rarely meet the rigorous demands of the application. Any lighting near the parlors are subject to impact from cows, expose to urine and manure and rigorous daily cleaning with high pressure wash down and cleaning chemicals.

LOCATION

Watertown, WI

REP

Visual Impact Lighting
www.visualimpactlighting.com

Luma Sales Associates
www.lumasales.net

MARKET/APPLICATION

Agricultural – Dairy Barn/Milking Parlor

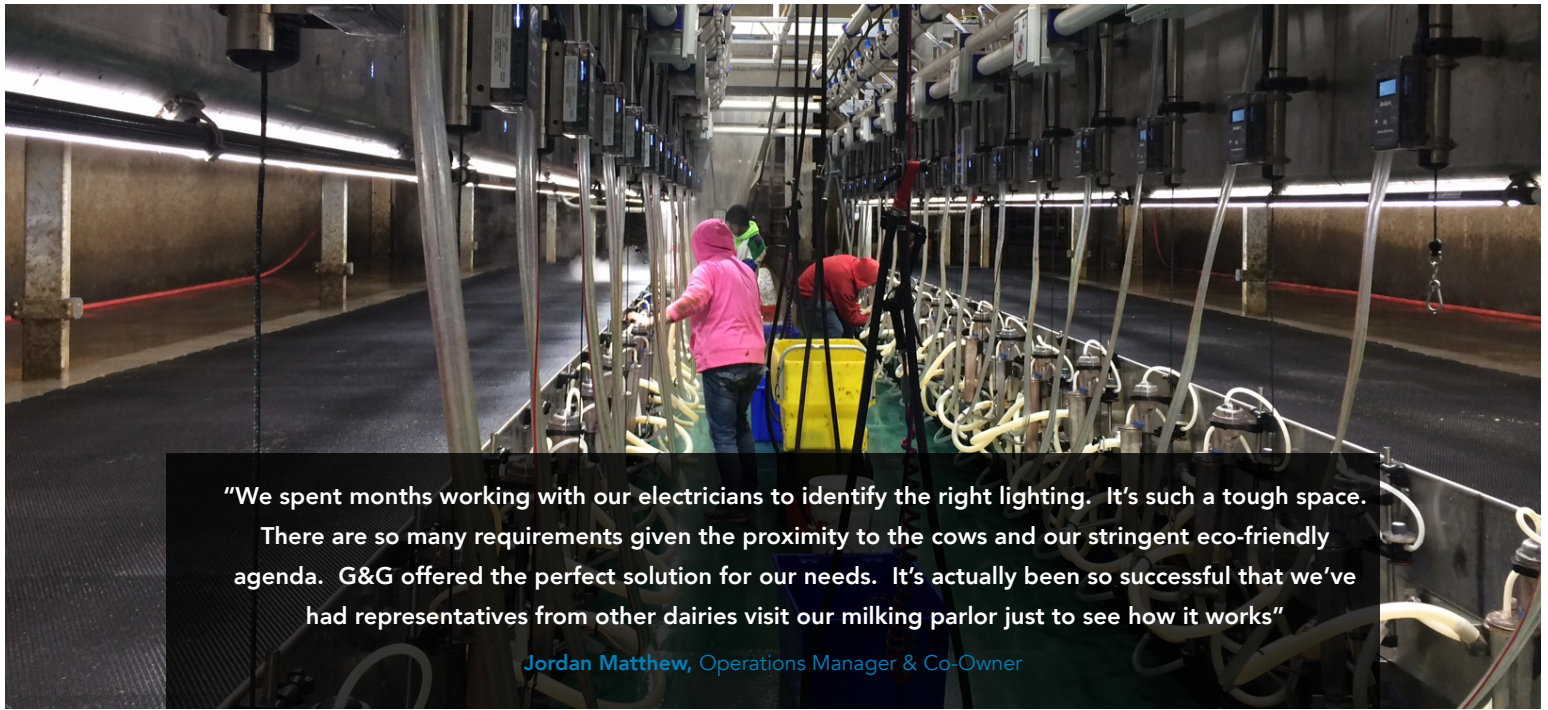


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"We spent months working with our electricians to identify the right lighting. It's such a tough space. There are so many requirements given the proximity to the cows and our stringent eco-friendly agenda. G&G offered the perfect solution for our needs. It's actually been so successful that we've had representatives from other dairies visit our milking parlor just to see how it works"

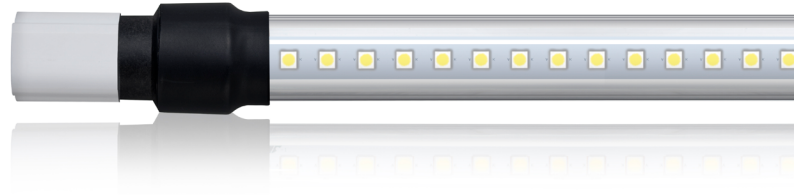
Jordan Matthew, Operations Manager & Co-Owner

Solution

G&G's low-profile, harsh environment, WPX series linear luminaires were mounted at the milking stations, just inches from the udders. The compact 1" round tubular design of the fixtures proved ideal for a simple installation in the tight available space. The IP68/IP69K waterproof rating and IK10 impact rating ensures long-term durability through daily contact and high-pressure wash downs in the incredibly demanding environment.

Result

Prior to installing G&G's WPX series fixtures the parlor had less than 10 foot-candles of light under the cow utters. With the G&G product installed brightness levels increased to over 300 foot-candles. The technicians can see everything much clearer giving better care to the parlor. It enables them to catch medical issues earlier, reducing the risk of diseases such as Mastitis and lowering cell counts. Jordan adds, "in addition to increasing efficiencies, everyone is amazed just how bright and clean the area looks, it's quite the showpiece".



Features That Mattered

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



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