

# Application Success Stories

## Tamlite Lighting

**TAMLITE**  
LIGHTING



Film Thickness Control

Color Change Flexibility

Improved Productivity

# Application Success Stories

## Installation Key Data

**Parts:** Lighting Products  
**Part Size:** 1200 mm (H) x 300mm (W)  
**Line Speed:** 1,2 m/min

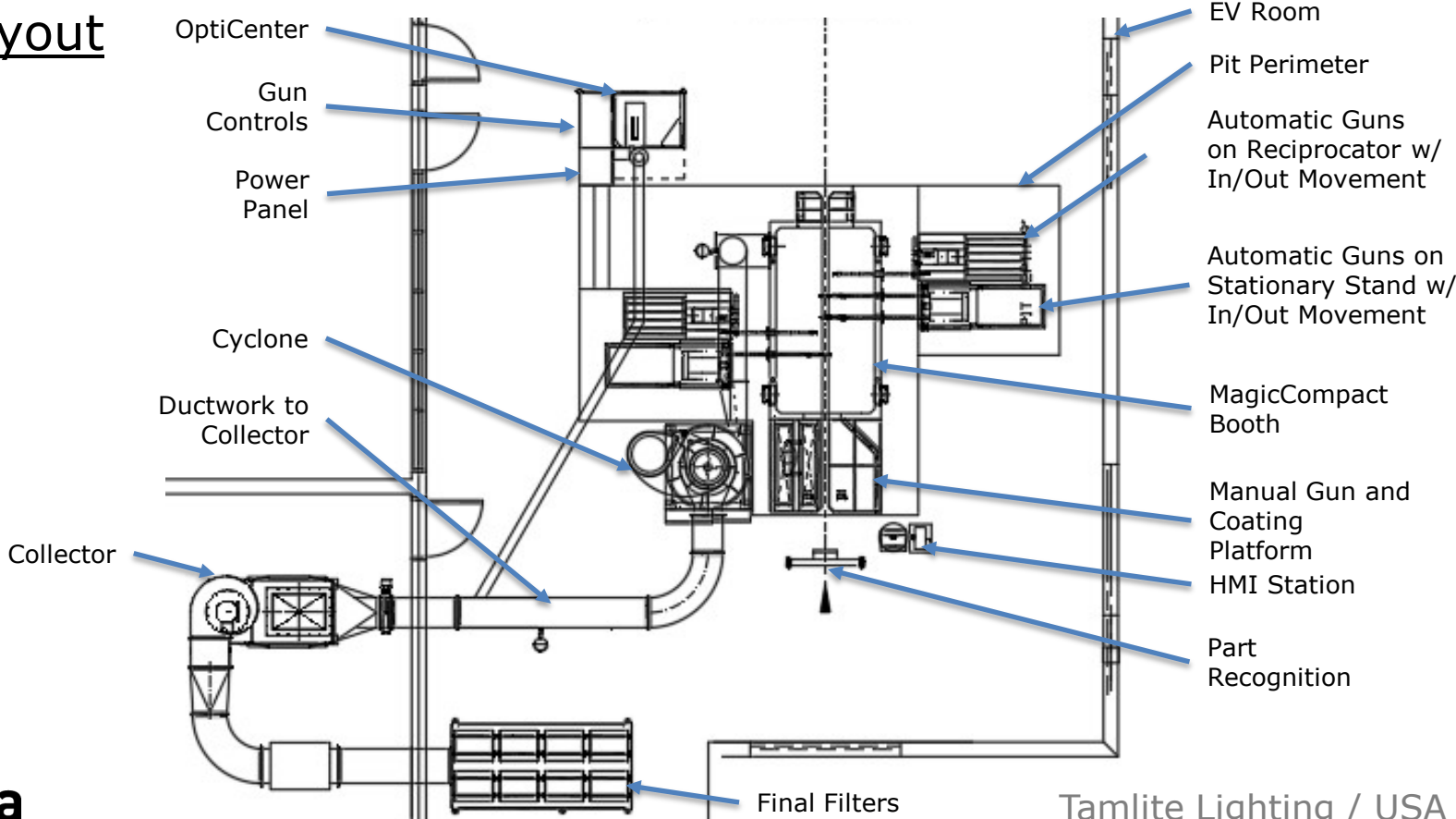
### **Scope of equipment purchased:**

- 1 x MagicCompact® EquiFlow® BA04 booths, 12'000 Nm<sup>3</sup>/h
- 1 x OptiCenter® OC02 with OptiFlow IG06-P injectors
- 1 x OptiFlex® Pro manual guns
- 12 x OptiGun® GA03 automatic guns
- 12 x OptiStar® 4.0 CG20 control units
- 2 x Reciprocators ZA07 with in/out movement
- 2 x Positioning Stands, ZA07, with in/out movement
- 1 x MagicControl 4.0, PC automation package



# Application Success Stories

## Layout



# Application Success Stories





# Application Success Stories



## Company Profile

Tamlite Lighting, part of the Tamco group of companies, manufactures residential, commercial, and industrial lighting products in their factory in Florida. Tamlite, committed to manufacturing and selling products in the United States, recently opened a new facility in Port St. Lucie, Florida. This factory allows Tamlite to merge manufacturing operations into one single location for improved performance, product quality, and customer service.



## Company Expectations

Tamlite's existing manufacturing processes incorporated powder coating, however, the merging of manufacturing into one location necessitated a reevaluation of their process. In order to run two different product lines on the same line and increase color change flexibility, they need to explore more advanced powder coating technology. Additionally, they wanted the new line to improve film thickness control and have process capacity.



## Keys to Success

Working with their authorized Gema distributor, Dietz Supply, Tamlite invested in a complete Magic series system. This provided reduced color change time, better powder management, and lower powder consumption. The result has been excellent as they have improved product appearance through better control of the film thickness, increased productivity by reducing color change over time, all while maintaining capacity for production growth.