

Overview

High-mast lighting is an advanced illumination technology used to improve safety on state highways. Conventional highway lights reach a maximum height of 50 feet and provide illumination from one or two light fixtures. This means that more closely-spaced light poles are needed to properly illuminate the roadway. High-mast lighting, which can reach up to 150 feet, will replace conventional highway illumination, reducing the number of light poles needed and improving visibility of the roadway.

Features

- Up to 150 feet tall.
- Uses six 120 Volt LED bulbs.
- Light is cast in a rectangular pattern that reaches 400 feet in both directions.
- 15-year lifespan of LED bulbs.
- Bulbs are adjusted to avoid a halo effect and to focus on the public right of way.



Benefits

- Improves safety: High-mast lights are 4 times more radiant and cast light over both the mainlanes and frontage roads.
- Lowers maintenance cost: LED bulbs are expected to last 15 years, which ensures continued performance and requires less maintenance.
- Lowers energy consumption: LED bulbs use less energy than high-pressure sodium bulbs used in conventional highway lights.
- Reduces light pollution: Light patterns are evaluated before high-mast lights are calibrated and adjusted to focus light directly on the public right of way.

For media inquiries, please contact:

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