



# Detroit Selects LED's with Aluminum Poles... HAPCO DELIVERS THE "COMPLETE SPECIFICATION"!

*“It's a brighter day ~~night~~  
in Detroit.”*

*Detroit Public Lighting Authority*



Detroit Public Lighting Authority

## City of Detroit Lighting System Restoration

*Detroit, Michigan*



Challenged with a deteriorating street lighting infrastructure, the City of Detroit initiated a comprehensive Lighting System Restoration project. As part of that project, City leaders chose the "COMPLETE SPECIFICATION" of LED fixtures paired with Hapco Aluminum poles.

### Hapco Aluminum Poles Deliver...

- Superior Aesthetics
- Near-Zero Maintenance
- Lower Overall Cost of Ownership
- Proven Performance
- Lifetime Warranty



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### Background

**The Street Lighting System in the City of Detroit was broken.** By mid-2013, it was estimated that more than 40% of the city's 88,000 street lights were no longer functioning. Lights that were burning were susceptible to a growing copper and transformer theft problem and were being taken offline faster than they could be repaired or replaced.

In addition, the maintenance required on the rusting steel poles was creating a strain on the city due to shortages in both staffing and budgets. Even in areas where the lights were on, the aesthetics of the lighting system left much to be desired. The sense of community provided by effective street lighting had been lost, and citizens many times did not feel safe on the mostly dark streets.

### Opportunity

Detroit leaders knew that a restoration of Detroit's Street Lighting System was needed and made it a priority in late 2013 with the creation of the Public Lighting Authority of Detroit. *Their stated mission was to improve, modernize and maintain all street lights in the City of Detroit with brighter, more reliable, and energy efficient lights.* In addition, the city needed to optimize funding while considering longevity, aesthetics, and future maintenance costs. And they needed to do it as quickly as possible.

**The city chose to install high-efficiency LED luminaires.** The traditional relamping schedule of 4-5 years on conventional luminaires would be replaced with a 15-20 year replacement schedule. Longer expected life would be combined with much greater energy efficiency, creating a simple payback analysis of less than three (3) years. Lights would be brighter, and lower maintenance would provide significant savings. LED's made sense.

*The city now had to decide on the pole option.*

### Hapco Solution

The City of Detroit chose not to erode the benefits of LED Lighting with high-maintenance lighting poles that have shorter life-cycles and are inherently less aesthetic than aluminum.

**Round Tapered Satin Aluminum poles were the perfect choice for this project,** combining Superior Aesthetics, Near-Zero Maintenance and the Lowest Overall Cost of Ownership. Hapco's six decades of Proven Performance, Engineering Excellence, and Manufacturing Capabilities provided the city the confidence that Hapco could deliver the highest quality products on the aggressive timetable this project demanded.

**A Bonus for Detroit** - The longevity and durability of Hapco Aluminum Poles can be validated with our exclusive LIFETIME WARRANTY on aluminum pole assemblies, creating tremendous value for future generations of Detroiters.

**Detroit Saw The Light.**  
*Hapco Aluminum Poles have significant advantages over alternative pole materials, completing the perfect specification when combined with LED fixtures.*



*"Hapco is proud to have partnered with the City of Detroit in its successful street lighting restoration."*



### HAPCO

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