



# CITY OF PHILADELPHIA

LAW DEPARTMENT  
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Mark:

Thank you for your letters and other correspondence on this subject matter.

The City of Philadelphia is installing LED lights through the Philly Streetlight Improvement Project based on a careful analysis of the costs and benefits. Through extensive research, trial testing, and community engagement, the City and Philadelphia Energy Authority identified the following benefits of the Philly Streetlight Improvement Program:

- Supports public safety by improving ability for pedestrians, bicyclists, and motorists to see at night ([Vision Zero Alignment](#))
- Biggest City energy conservation project to date, reducing municipal carbon emissions by nearly 10% (Alignment with [Municipal Energy Master Plan](#))
- Supports local, diverse businesses and individuals through an Economic Opportunity Plan and a workforce development agreement
- Pays for itself through energy savings
- Improves operational efficiency

An extensive community outreach program was conducted by the project team with trial installations to solicit feedback from the Philadelphia community about color temperature choices and visual comfort.

Given perceptions of glare, lessons learned from community engagement and LED lighting conversions in other jurisdictions, and the recommendations of the [American Medical Association](#) and the [International Dark-Sky Association](#), 3000K (Kelvin) warm white LED technology has been selected as the project-standard color temperature for all cobrahead lights, residential post-tops, and decorative residential luminaires. To further enhance visual comfort all cobraheads at lower mounting heights will have any additional glare reducing diffusion in the LED lensing. All newly installed LED cobraheads will have 0% uplight reducing skyglow.

Currently 18% of City streetlights use LED bulbs, and the City is monitoring community feedback as the implementation continues. The City is committed to enhancing quality of life for all Philadelphians and is confident that the Philly Streetlight Improvement Project will improve public safety, maximize efficiency of services, and reduce its carbon footprint.

Sincerely,

A handwritten signature in black ink, appearing to read "Diana P. Cortes". The signature is fluid and cursive, with the first name "Diana" being the most prominent part.

Diana P. Cortes