



D.C. Federation of Civic Associations, Inc.

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**Resolution Concerning
2700-Kelvin LED Lights for All Street Light Installations**

Whereas the District of Columbia Department of Transportation (DDOT) has begun replacing conventional streetlights with energy-efficient LED (light-emitting diode) lights.

Whereas the D.C. Office of Public-Private Partnerships (OP3), in collaboration with DDOT, plans to issue a Request for Proposal to replace all of the District's 74,000 streetlights with LED lights.

Whereas many of the LED streetlights being installed by DDOT emit a large amount of blue-wavelength light and thus appear a harsh, cool-white color.

Whereas the American Medical Association (AMA) has warned that blue-rich LED lights produce more glare than conventional lighting, creating a road hazard, especially for older drivers.

Whereas the AMA has warned that blue-rich LED lights are potentially harmful to human health because they suppress the hormone melatonin, which regulates circadian sleep cycles.

Whereas the AMA recommends that outdoor lighting be in the warm-white range (3000 Kelvin *or lower*) and have "the lowest emission of blue light possible to reduce glare."

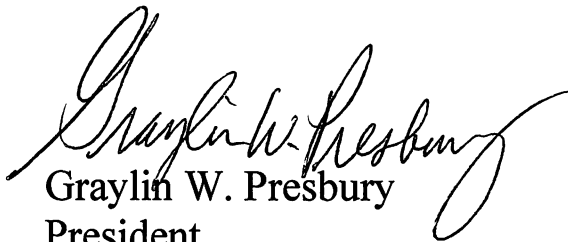
BE IT RESOLVED THAT:

The DC Federation of Civic Associations supports adoption of energy-efficient LED street lighting in the District of Columbia while using the best available technology that is least likely to harm the health of District residents.

THEREFORE, BE IT FURTHER RESOLVED THAT:

(1) The DC Federation of Civic Associations recommends that the D.C. Department of Transportation adopt warm-white 2700-Kelvin LED lights for all street light installations in the District and

(2) The DC Federation of Civic Associations recommends that DDOT replace all existing LED street lights in the District with warm-white 2700-Kelvin LED lights.

A handwritten signature in black ink, reading "Graylin W. Presbury". The signature is written in a cursive style with a large, looping initial "G".

Graylin W. Presbury
President

February 28, 2018