

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



OFFICE OF
AIR AND RADIATION

January 29, 2018

Dear ENERGY STAR® Lighting Stakeholders:

The Environmental Protection Agency (EPA) is proposing to make minor adjustments to the ENERGY STAR Luminaires specification that will be reflected in a Version 2.1 (V2.1). **Current certifications will not be affected by these changes.**

The changes proposed include:

- 1. New industry method of measurement and reporting for two key flicker metrics.**
NEMA 77-2017, an industry consensus-based standard released last year, has been incorporated into the ENERGY STAR specifications for Lamps and Ceiling Fans and, with this revision, NEMA-77-2017 is proposed as the method of measurement for light source flicker for Luminaires. Additionally, two flicker-related metrics (P_{ST} and SVM) are to be reported. EPA is proposing that, for new certifications, reporting of these metrics will begin on June 1, 2018 and seeks stakeholder input on this timeline.
- 2. Allowing for directional fixtures to certify using ENERGY STAR certified lamps.**
For added flexibility in product offerings, EPA is proposing to allow for directional fixtures to certify using ENERGY STAR certified lamps. These products would still be evaluated consistently with other directional luminaires, through luminaire photometry, but some testing (e.g., lumen and color maintenance and flicker) would be fulfilled through the lamp certification.
3. Definition sources and standards have been updated where applicable.
4. Downlight retrofit kit language was clarified to be technology neutral.
5. Language was added referring manufacturers to the ENERGY STAR Residential Ceiling Fan and Ceiling Fan Light Kit specification for future ceiling fan light kit certifications.

Partners and stakeholders are encouraged to submit comments on the draft to lighting@energystar.gov by **Monday February 26, 2018**. Please indicate "ENERGY STAR Luminaires 2.1 Draft Comments" in the email subject line. **Comments received will be posted to the ENERGY STAR website unless otherwise requested.**

EPA appreciates your contribution to the development of this specification and welcomes individual inquiries; please contact me with questions, comments or concerns at (202) 343-9042 or jantz-sell.taylor@epa.gov or lighting@energystar.gov. Thank you for your support of ENERGY STAR.

Sincerely,

A handwritten signature in black ink, appearing to read "T. Jantz-Sell".

Taylor Jantz-Sell
ENERGY STAR Lighting Program Manager
U.S. Environmental Protection Agency