

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



OFFICE OF
AIR AND RADIATION

July 1, 2011

Dear ENERGY STAR[®] Lighting Partner, Stakeholder or Other Interested Party,

With this letter the U.S. Environmental Protection Agency (EPA) is finalizing a change to the effective date of the ENERGY STAR Luminaires specification from October 1, 2011 to April 1, 2012. In addition, EPA has incorporated changes designed to better facilitate a smooth transition, including reducing certain sample size requirements.

The new extended effective date is intended to allow manufacturers, EPA-Recognized Laboratories and EPA-Recognized Certification Bodies (CBs) the necessary time to appropriately apply the technical requirements contained in the new specification, while in the interim maintaining a sufficient selection of ENERGY STAR qualified fixtures for consumers. Based on input from program stakeholders, EPA is finalizing this extension while also taking steps to address certain barriers to qualification so that a broad range of products can be qualified in advance of the new effective date.

The attached Luminaires specification version 1.1 incorporates the following changes:

- reduces photometric testing sample size requirements for directional luminaires from three units to one,
- reduces the *in situ* temperature test sample size requirement for solid state lumen maintenance (option 1) from three units to one,
- reduces sample size requirements for LM-80 lumen maintenance testing for consistency with the IES TM-21 working group recommendations,
- allows for use of the lumen maintenance projection method detailed in the ENERGY STAR Manufacturers Guide for Qualifying Solid State Lighting Luminaires – Version 2.1/Version 2.2 until final publication of the industry standard for lumen maintenance projection, IES TM-21,
- extends the time that manufacturers may qualify three specific luminaire types using the SSL Luminaires V1.3 specification, until IES LM-82 is published (the aforementioned September 15 date would not apply to these types),
- expands the allowable mounting variations in table 1 for outdoor luminaires,
- adds a Directional fixture type for ventilation fans with a downlight,
- makes minor adjustments to: methods of measurement and reference documents, and testing requirements for off-state power consumption and solid-state electromagnetic and radio interference so as to avoid unnecessary testing burden,
- consolidates halogen outdoor luminaire photosensor requirements with the motion sensor requirements, for clarity

EPA appreciates manufacturer interest in transitioning as quickly as possible to the new requirements. As previously indicated, as part of this transition, CBs will be asked to stop certifying new product models under the existing ENERGY STAR Residential Light Fixture V4.2 and Solid State Lighting Luminaires V1.3 specifications as of September 15, 2011. As a reminder, when the new Luminaires V1.1 specification takes effect on April 1, 2012, all products manufactured on or after that date must be certified to meet the Luminaires V1.1 performance levels in order to bear the ENERGY STAR certification mark.

Please contact me at (202) 343-9272 or baker.alex@epa.gov or Kate Buck at ICF International at (919) 293-1652 or kbuck@icfi.com with questions or concerns. Please note that all information related to the transition to the new specification is consolidated at www.energystar.gov/luminaires

Thank you for your support of ENERGY STAR.

Sincerely,

A handwritten signature in black ink, appearing to read 'Alex Baker', with a long horizontal flourish extending to the right.

Alex Baker
ENERGY STAR Lighting Program Manager
U.S. Environmental Protection Agency