

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



OFFICE OF
AIR AND RADIATION

January 10, 2005

Dear Residential Lighting Fixture Manufacturer or Other Interested Party:

EPA is pleased to provide you with the Final ENERGY STAR Version 4.0 Residential Lighting Fixture specification (aka Eligibility Criteria). The attached specification outlines the performance, testing, and labeling requirements that qualifying products must meet in order to bear the ENERGY STAR. Please note that EPA considers Version 4.0 to be final and has no plans to revise it at this time.

In addition to a number of minor edits for clarification purposes, the following major changes were incorporated in Version 4.0:

- **New electronic ballast requirement** reduces permitted pin-base configurations, and improves quality and efficiency.
- **New replaceable ballast requirement** to improve consumer acceptance.
- **More stringent lamp life documentation** requirements.
- **New lumen maintenance requirement** to improve consumer acceptance.
- **New color consistency requirements** with six color temperature options and variance limits.
- **New lamp labeling requirement** to facilitate correct lamp replacement.
- **New end of life requirements** to simplify identification of failed lamps when a ballast drives multiple lamps.
- **New lamp shipment requirement** (with fixtures) for increased consumer satisfaction.
- **New quality assurance requirements** allowing for annual quality testing and challenge testing to improve quality assurance and market confidence.
- **Removal of the allowance for fixtures to ship without an integrated photocell** and later be installed on a photo-controlled circuit.

On behalf of EPA, I would like to thank everyone that participated in this review process. It is EPA's hope that you will agree that the revision of this specification has been an open process in which industry has been engaged and their opinions heard. All comments offered during the public review process are posted to the ENERGY STAR Web site, unless the submitter requested otherwise, along with the Final Version V.0 specification. A revised Qualified Product Information (QPI) form will be available in the coming weeks. Partners should use the new QPI form when qualifying products under the new Version 4.0 specification.

Existing partners who wish to continue their partnership in ENERGY STAR for Residential Lighting Fixtures will be required to acknowledge the new Version 4.0 specification by updating and submitting the attached Commitment Form. This will require that all qualifying products must meet the requirements of the new Version 4.0 specification, **effective October 1, 2005**. Products qualified

under the previous Version 3.2 must submit a new QPI form and submit test data and documentation for any performance requirements that were changed or not included in Version 3.2.

On behalf of EPA, I appreciate your participation in this revision process and I look forward to working with each of you to ensure a smooth transition to the new Version 4.0 specification. If you have any questions or concerns, please feel free to contact one of us at fanara.andrew@epa.gov or (202) 564-9019, or shiller.david@epa.gov or (202) 564-9397.

Respectfully,

A handwritten signature in black ink, appearing to read 'Andrew Fanara', with a long horizontal stroke extending to the right.

Andrew Fanara
EPA Program Manager
Specification Development

A handwritten signature in black ink, appearing to read 'David Shiller', with a stylized, cursive script.

David Shiller
EPA Product Manager
ENERGY STAR for Residential Light Fixtures