

November 1, 2011

To Interested Stakeholders:

The International Energy Agency Efficient Electrical End-Use Equipment Solid State Lighting (IEA 4E SSL) Annex will make available the first draft of its performance tiers for solid state lighting products on November 1, 2011. In the interest of ensuring these are developed to represent the best available knowledge, we welcome written comments from interested stakeholders on these drafts. The Annex is not a standards-making organization and these proposals for Performance tiers should not be considered a proposed "Performance Standard". The creation of "Performance Standards" is the responsibility of organizations like the IEC, ANSI, etc. National Governments are responsible for national performance standards, minimum efficiency programs or voluntary energy efficiency programs like ENERGY STAR. The work of the Annex is to build consensus between member governments and to provide guidance to interested stakeholders.

The annex was established in 2009 under the framework of the International Energy Agency's Efficient Electrical End-Use Implementing Agreement to provide advice to its eight member countries seeking to implement quality assurance programs for SSL lighting. This international collaboration brings together the governments of Australia, Denmark, France, Japan, Sweden, The Netherlands, UK and the USA.

The IEA 4E SSL Annex is undertaking three major collaborative tasks, comprising:

Task I) Develop performance criteria for quality assurance in SSL products.

Task II) Determine the robustness of SSL test procedures through international round-robin campaigns and, where necessary, suggest improvements to methodologies.

Task III) Recommend suitable accreditation frameworks for SSL testing laboratories.

The draft performance tiers have been developed with the assistance of twenty technical experts from nine countries including China, and represent "early stage proposals." They do not reflect an agreed position by member governments at this stage but are issued to provide a basis for meaningful engagement with industry and other stakeholders.

The following draft documents will be displayed on the IEA 4E SSL website:
www.ssl.iea-4e.org on November 1st 2011:

1. Performance Tiers Cover Letter
2. Definitions of the 4 SSL performance tiers
3. Performance tiers for SSL Omnidirectional replacement lamps
4. Performance tiers for SSL Directional replacement lamps
5. Performance tiers for SSL Downlight fixtures
6. Performance tiers for Linear LED fluorescent replacement lamps

The participants of the 4E annex are requesting that stakeholders review these documents and submit written comments to ssl.annex@gmail.com no later than February 1, 2012 in order for the comments to be integrated into further drafts. In the interests of transparency, the annex will post written comments received from all stakeholders to the www.ssl.iea-4e.org/performance-tiers website. When posted, your comments and proposals will be accessible to everyone. The Annex will be collecting suggestions and comments from all stakeholders from November 1, 2011 until February 1, 2012. The Annex intends to revise the performance tier levels, definitions and criteria based on feedback received. In the spring of 2012, the Annex expert group members will revise the performance tiers and the Management Committee will vote to endorse them as final guidance documents to release publicly. The Annex appreciates your suggestions and welcomes any additional thoughts you may have on these tiers.

Depending on the level of interest, 4E may organize a Conference in 2012 to gain further input from stakeholders.

We are looking forward to receiving your comments on our work thus far,



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IEA-4E-SSL Annex 2010-2014



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