



Setting the Standards for
Home Energy Efficiency

RESNET Standards Development New Work Item (NWI) Form

NWI: 301-14-009 _____

(Assigned by Standards Manager
following review and approval)

This request is to:

- Create a new Standard
- Revise an existing Standard
- Other (describe)

Proponent(s):

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Proposed Title: Solid State Lighting

Proposed Purpose: Efficacy of Solid State Lighting (SSL) has increased in recent years to a point that these devices significantly outperform fluorescent lighting. Standard 301 currently has two tiers of lighting efficacy – above and below 50 lumens/watt. The purpose of this NWI is to provide a mechanism that accounts for higher efficacy lighting in the HERS Index.

Proposed Scope: Develop a proposed amendment to Standard 301 that will account for very high efficacy lighting, such as SSL.

Project Need: Committee members sufficiently knowledgeable about Standard 301 and lighting to craft a proposed amendment.

Stakeholders: Builders, lamp manufactures, fixture manufactures, HERS Providers, Raters, homeowners.

Attached Documents (list): Graph below show efficacy trend of rated SSL products. Median value is 92 lumens/watt in 2016.

(Source: <http://www.lightingfacts.com/Downloads/LightingFactsSnapshot-TLEDs.pdf>)

