



Energy star program requirements for solid state lighting luminaires

What are the ENERGY STAR program requirements for lamps?

ENERGY STAR Program Requirements for Lamps - Eligibility Criteria Version 2.0 (Rev. February 2016) must include a photograph that clearly shows the product with the original product label listing the exact brand and model of the product applied for. 2.3.3. Product category 21C: 12V non-integrated LED lamp

What are the ENERGY STAR program requirements?

The ENERGY STAR Partner must adhere to the following program requirements: comply with current ENERGY STAR Eligibility Criteria, defining the performance criteria that must be met for the marketing and sale of ENERGY STAR qualified Computer Servers and specifying the testing criteria for Computer Servers.

How do I qualify a luminaire for Energy Star?

To qualify a luminaire for ENERGY STAR, first determine which requirements in this document are applicable to the specific luminaire. ENERGY STAR requirements are specific to luminaires categorized by the Program as directional or non-directional.

How do I know if my luminaire is Energy Star?

For luminaire types covered by ENERGY STAR, the U.S. Environmental Protection Agency (EPA) provides efficiency levels and product specification information on its ENERGY STAR website. Manufacturers meeting these requirements are allowed to display the ENERGY STAR label on complying models.

Note: This specification replaces the ENERGY STAR Residential Light Fixtures and Solid State Lighting Luminaires specifications. Primary Contact Information luminaires@energystar.gov Your Primary Contact Information To effectively communicate important news to our partners, the ENERGY STAR program needs your help keeping your company's

ENERGY STAR Program Requirements for Luminaires - Eligibility Criteria - 6 - 4 DEFINITIONS Accent Light (Luminaire): A directional luminaire employed to emphasize a particular object or surface feature, or to draw attention to a part of the field of view (adapted from IES RP-16-10: "Accent Lighting").

Overall Requirements (cont.) o Modules/Arrays - Lumen depreciation (L70) o Residential Indoor \geq 25,000 hours o Residential Outdoor and all Commercial \geq 35,000 hours o Residential ...

The Federal Energy Management Program (FEMP) provides acquisition guidance for light fixtures or luminaires, a product category covered by ENERGY STAR efficiency requirements. Both ...

ENERGY STAR®; Program Requirements for Solid State Lighting Luminaires Proposed Category "A" Additions Category A: Near-term Applications Surface and pendant-mounted downlights Application



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Requirements Minimum Light Output $\leq 4.5"$ Aperture: 345 lumens (initial) $> 4.5"$ Aperture: 575 lumens (initial) Zonal Lumen Density Requirement

ENERGY STAR[®]; Program Requirements . Product Specification for Luminaires (Light Fixtures) ... first determine which requirements in this document are applicable to the specific luminaire. ENERGY STAR requirements are specific to luminaires categorized by the Program as directional or non-directional. ... Color Maintenance Requirements: Solid ...

Scope. This document is an accompaniment to DOE's ENERGY STAR[®]; Criteria v1.0 and provides manufacturers with the necessary information for product submission, testing ...

ALA: American Lighting Association. ANSI: American National Standards Institute. Aperture Size (downlights): The maximum distance between the points inside the luminaire where light escapes the luminaire. ASSIST: Alliance for Solid State Illumination Systems and Technologies. ASTM: American Society for Testing of Materials. Ballast Frequency: The number of waves or cycles ...

Below are the product criteria for ENERGY STAR[®]; qualified luminaires using solid-state lighting (SSL). A product must meet all the criteria in order to be qualified as ENERGY STAR.

Solid State Lighting Luminaires - Version 2.1 April 2010 ENERGY STAR SSL program, DOE allows for provisional ENERGY STAR approval based on the following conditions: 1) The luminaire manufacturer must submit at least 3000 hours of lumen maintenance ... single power supply, off-state power requirements will be expanded from 0.5 watts to 1 ...

Solid-State Lighting (SSL): Solid-State Lighting (SSL) Specification Version 1.3. Solid-State Lighting (SSL) Specification Version 1.2. Solid-State Lighting (SSL) Specification Version 1.1. Solid-State Lighting (SSL) Specification Version 1.0. Historical List: On June 1, 2016, the ENERGY STAR luminaires Version 2.0 specification went into ...

ENERGY STAR[®]; Manufacturer's Guide for Qualifying Solid-State Lighting Luminaires. Program Document ¹⁸³; Mon Sep 01 00:00:00 EDT 2008. OSTI ID: 1218260. This ...

All Luminaires Comment on chromaticity requirements: The chromaticity requirements shown below have been proposed by the ANSI C78 Working Group. They are a modification of existing fluorescent lamp standards intended to reflect the current (and near future) state of SSL

A warranty must be provided for luminaires, covering repair or replacement of defective electrical parts (including light source and power supplies) for a minimum of three (3) years from the date of

ENERGY STAR ¹⁷⁴; Program Requirements for Luminaires Partner Commitments . Following are the



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terms of the ENERGY STAR Partnership Agreement as it pertains to the manufacture and labeling of ENERGY STAR certified products. The ENERGY STAR Partner must adhere to the following partner commitments: Certifying Products . 1.

U.S. Department of Energy (DOE). The ENERGY STAR program for solid-state lighting (SSL) luminaires went into effect in September 2008 with the goal of ensuring that only high-quality, efficient SSL products bear the label. The first ENERGY STAR-labeled SSL products arrived on the market in . November 2008. The ENERGY STAR label is a highly ...

criteria if it is to earn the ENERGY STAR. To certify a luminaire for ENERGY STAR, first determine which requirements in this document are applicable to the specific luminaire. ENERGY STAR requirements are specific to luminaires classified by the program as directional or non-directional. This specification is

----- All Luminaires Luminaire Requirements: Correlated Color Temperature (OCT) The luminaire must have one of the following designated CCTs and fall within the 7-step chromaticity quadrangles as defined in the Appendix.

identified criteria if it is to earn the ENERGY STAR. To certify a luminaire for ENERGY STAR, first determine which requirements in this document are applicable to the specific luminaire. ENERGY STAR requirements are specific to luminaires classified by the Program as directional or non-directional. This specification is

Solid State Lighting Luminaires September, 2008 be used for photometric testing under the ENERGY STAR program. Labs must satisfactorily ... with specific ENERGY STAR product category requirements. The tool will also allow you to upload other test reports and packaging proofs for review by ENERGY STAR.

Solid-State Lighting Luminaire Program Taylor Jantz-Sell D& R International ENERGY STAR Lighting Programs. 1 . AgendaAgenda . 1. ENERGY STAR Lighting: Overview . 2. ... Criteria Item ENERGY STAR Requirements Reference Standard/Test Procedure Sample Size/Specific RequirementsRequirements :

Below are the product criteria for ENERGY STAR® qualified luminaires using solid-state lighting (SSL). The criteria apply to both residential and commercial products. A product must meet all ...

criteria if it is to earn the ENERGY STAR. To certify a luminaire for ENERGY STAR, first determine which requirements in this document are applicable to the specific luminaire. ENERGY STAR requirements are specific to luminaires classified by ...

ENERGY STAR Program Requirements for Luminaires - Eligibility Criteria - 5 - 4 DEFINITIONS Accent Light (Luminaire): A directional luminaire employed to emphasize a particular object or surface feature, or to draw attention to a part of the field of view (adapted from ANSI/IES RP-16-17: "Accent Lighting").

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The existing ENERGY STAR lighting product criteria use system efficacy defined as the light output of the lamp-ballast system divided by the input power measured in a 25°C environment. Established test procedures for fluorescent sources support this approach.

product specification for ENERGY STAR certified Luminaires. A product shall meet all of the To certify a luminaire for ENERGY STAR, first determine which requirements in this document are applicable to the specific luminaire. ENERGY STAR requirements are specific to luminaires classified by the Program as directional or non-directional.

Requirement. Luminaire shall deliver a minimum of 75% of total lumens within the 0-60° zone (bilaterally symmetrical). Minimum Luminaire Efficacy. 35 lm/W. Allowable CCTs. 2700 K, ...

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