**Guidance Note 12: White Light Emitting Diode Lighting Units
Checklist and Statement template**

**Energy Technology List (ETL)**

**Issue 1**

**White LED Lighting Units
Checklist and Statement template**

There are 3 categories of lighting on the Energy Technology List:

* White Light Emitting Diode (White LED) Lighting Units
* High Efficiency Lighting Units (HELUs)
* Lighting Controls

This guidance note provides a Checklist and Statement template that can be used by manufacturers to demonstrate their products’ compliance against the ETL criteria of the White LED category. Manufacturers should review products against the checklist and insert the names of those products that they can confirm meet the ETL criteria. The compliance statement should support the checklist, be made on letter headed paper and accompanied by technical datasheets for the products.

Manufacturers do not have to use the template, but they will, as a minimum, need to make a statement on letter headed paper that their products meet the ETL criteria for the Purchaser to be able to make a claim for an Enhanced Capital Allowance (ECA). They will need to support this statement with technical datasheets for the products.

A copy of the statement should be retained by the Purchaser, to back up the claim for an ECA.

For a copy of the ETL Criteria for White LED Lighting Units please see: <https://www.gov.uk/government/publications/white-light-emitting-diode-lighting-units>

Further information relating to lighting on the ETL can be found here: <https://www.gov.uk/government/publications/lighting-guidance-note-for-the-energy-technology-list-etl>

For any questions relating to the above, please contact: ECAQuestions@carbontrust.co.uk
(or telephone: 0300 3300657)

White LED Lighting Units - Product Compliance Checklist

This checklist when completed in full can be used as evidence to confirm that the products presented within it meet all eligibility requirements of the Energy Technology List White Light Emitting Diode
(i.e. White LED) Lighting Units qualifying criteria.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Product details, e.g.** *Manufacturer (& supplier if applicable)* | *Product name* | *Model* | *Part number* | *Product Category\** |
| **Example 1** | **Product1** | **Widget1** | **XXX-XXX** | **Display** |
| **Example 2** | **Product2** | **Widget2** | **YYY-TTT** | **Accent** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

\*Products fall into one of the following categories: Amenity, Display, Accent, General interior, Exterior area, Exterior floodlighting.

**All White LED products listed above must meet all requirements listed below.**

**Product characteristics**

Products are:

* A complete luminaire containing one or more solid-state LED devices, optics, housing and associated control gear
* Capable of producing white light
* CE marked
* A complete product that does not, and cannot, use replacement LED lamps designed for retrofit use in traditional lamp sockets
* Is not emergency lighting (for further information see the [lighting guidance note](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/474456/Lighting_Guidance_Note_November_2015.pdf))

**Product compliance**

Products comply with:

* The luminaire efficacy threshold for the relevant product category (as stated in Table 1 of the White LED lighting criteria)
* The lumen output requirement after 100 hours of continuous operation
* The requirement to produce at least 90% of its initial lumen output after 6000 hours of continuous use
* The colour rendering index (CRI) requirement (see Section 2.2 of Commission Regulation (EU) no 1194/2012)
* The minimum power factor requirement for all levels of product light output
* The glare and angular exclusion zone recommendations (interior lighting only)
* The individual control gear standby requirements, if the unit is electronically addressed

**Standards**

Products have been tested to:

* The relevant performance standards for control gear (as stated in the White LED lighting criteria)
* The relevant test procedures (as stated in the White LED lighting criteria)

**Other**

This product checklist is accompanied by:

* A statement of compliance on company letter headed paper (see recommended wording below)
* A technical datasheet to support the compliance claims (EU1194/2012 details the product data requirements that must be made available upon request)

[INSERT COMPANY LETTERHEAD / LOGO]

Statement of compliance

[Company name] confirms that product(s) named on the White LED Lighting Units Product Compliance Checklist meet all eligibility requirements of the Energy Technology List White LED lighting criteria.

Technical datasheets have been provided to support this statement of compliance and the White LED Lighting Units Product Compliance Checklist. We confirm that the relevant CE Mark Certificates of Conformity are available and will be provided on request.

Signed Date

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***(A statement of compliance is required for an Enhanced Capital Allowance claim. The customer must retain a copy of the statement, the supporting evidence and proof of purchase.)***