



Department for
Business, Energy
& Industrial Strategy



Energy Technology List

ECA SCHEME

Guidance Note 15: Efficient White Lighting Units Manufacturer Checklist and Statement template

Energy Technology List (ETL)

Issue 1

Efficient White Lighting Units
Manufacturer Checklist and Statement template

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

- Efficient White Lighting Units
- White LED Lighting Modules for Backlit Illuminated Signs
- 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 for the Efficient White Lighting Units 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 Efficient White Lighting Units please see:

<https://www.gov.uk/government/publications/efficient-white-lighting-units-criteria-for-etl-inclusion>

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)

Efficient White Lighting Units – ETL 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 Efficient White Lighting Units qualifying criteria.

Product details, e.g. Manufacturer (& supplier if applicable)	<i>Product name</i>	<i>Model</i>	<i>Part number(s)</i>	<i>Product Category*</i>
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 Efficient White Lighting products listed above must meet all requirements relating to their product type listed below.

Product characteristics

Product(s) is/are:

- A complete luminaire containing one or more light sources, housing and associated control gear capable of producing white light
- CE marked
- A complete product that does not, and cannot, use replacement lamps designed for retrofit use in traditional lamp sockets
- Not exclusively emergency lighting (for further information see the [lighting guidance note](#))
- Only made up of components that are compliant with the EU Ecodesign requirements and energy labelling regulations in force, where applicable
- If the product incorporates compact fluorescent lamps it is of the non-integral type (i.e. control gear is not in the lamp)
- If the product incorporates fluorescent or compact fluorescent lamps it is controlled by non-dimmable 'warm start' or 'dimmable' (regulating) type, high frequency electronic control gear
- If the product incorporates any LED lamps, or high intensity discharge lamps rated below 200W, it uses electronic control gear

Product compliance

Products comply with the requirements in the ETL criteria:

- The luminaire efficacy threshold for the relevant product category (as stated in Table 1 of the Efficient White Lighting Units criteria)
- The power factor is ≥ 0.9 at its highest output level
- Producing at least 90% of its initial lumen output after 6000 hours of continuous use
- The colour rendering index (CRI) is $\geq Ra 80$ for LED or fluorescent lamps, or any lamps used for amenity, accent or display lighting. Otherwise CRI is $\geq Ra 40$
- The glare and angular exclusion zone recommendations (interior lighting only)
- Individual control gear standby consumption $\leq 0.5W$ (or zero if not fitted with automatic switching or dimming), except for combined general/emergency lighting
- Produce a minimum light output after 100 hours of continuous operation of at least 100 lumens for amenity, accent and display lighting units or at least 200 lumens for all other fittings

Standards

Products have been tested to:

- The relevant performance standards for the lamp type (as stated in the Efficient White Lighting Units criteria)
- The relevant performance standards for control gear (as stated in the Efficient White Lighting Units criteria)
- The relevant test procedures (as stated in the Efficient White Lighting Units 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 (EU874/2012 and EU1194/2012 or EU245/2009 detail the product data requirements that must be made available upon request)

[INSERT COMPANY LETTERHEAD / LOGO]

Efficient White Lighting Units – ETL Statement of compliance

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

Technical datasheets have been provided to support this statement of compliance and the Efficient White 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

Print name

Job title

(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.)