



Saving energy
at home*

Fact sheet:

Lighting Homes



What it means to choose a Green Star product

Products marked with the green star are designed to help customers identify items within our ranges with a focus on reducing environmental impacts.

Customers can use the information provided to filter and understand more about the products they're interested in or have purchased.

Why lighting matters

How we light our homes has changed considerably over the last 20 years. Technology has allowed us to move from incandescent lamps ([that only convert about 5% of the energy they use to light](#)) to halogens, compact fluorescent lighting and then onto LEDs (light emitting diodes), the most efficient lighting type available to households today.

When lighting energy ratings were first introduced, we were able to purchase halogen, fluorescent and incandescent lighting, as well as energy-efficient LED types. LEDs were rated from A+ to A+++ , reflecting the light's efficiency compared to other lighting types.

In 2021, the energy ratings were rescaled by the EU and UK as LED became the most prevalent lighting type. [The new energy label gives a rating from A to G](#), based on the luminous flux (lumens) emitted per watt of light. LED bulbs that were once rated as A+, may now be rated as G.

Many homes still use halogen, compact fluorescent or fluorescent and are yet to transfer to LED types. The EU estimates that [continuing to move to more energy efficient lighting will prevent around seven million tonnes of CO2 being emitted every year](#).

When replacing lighting, it's important that you dispose of the old bulb correctly. Some bulbs can be recycled at household waste recycling centres or retailers, such as B&Q.

Criteria 1:

How we assess Green Star products



Every product should meet:

- All relevant legal requirements
- All Kingfisher policy requirements

[You can access the Kingfisher policies here.](#) These include Human Rights, Supply Chain Workplace Standards and Sustainable Packaging.

Products are also checked against a Watch List. The watch list contains several criteria or features, relevant to the product type, that if present disqualify the product from being marked with a green star. The relevant Watch List can be found at the end of this factsheet. The Watch List is reviewed and revised annually.

Life cycle assessments have not been completed for every green star product, but by employing policies and the Watch List Criteria in Kingfisher's Sustainable Home Product Guidelines, many factors in the life cycle of a product are considered.

The green star 'Lighting homes' assessment focuses on the in-use phase of the product's life cycle. This is where the product can bring the biggest benefit to the user across its utilisation, however green star excludes products that may have other environmental aspects that are harmful either as a result of manufacture or end of life disposal.

Criteria 2:

Green star programme entry



The green star 'Lighting Homes' assessment is based on a product meeting the following criteria:

- **Lighting that is designed for the purpose of lighting a space (as opposed to creating a decorative effect).**

and one of the following:

- **Luminaires (including light bulbs, lamps, battens and light fittings supplied with integrated LED lighting):**
 - LED with an energy label D rating or higher, based on the rescaled ratings (A to G) launched in 2021.

or

- **Solar lighting and other battery-operated lighting.** These lights do not have an energy rating as ratings are only required for mains powered lighting:
 - LED battery powered outdoor lights (including solar powered and rechargeable lights) if supplied with a motion sensor or photo sensor.
 - LED battery operated torches and work lights. Please note that these should not be supplied with a single use battery.

Providing Criteria 1 and 2 have been met, a product can be highlighted with the Green Star.

Reviewing and confirming Green Star status

- ✓ All products nominated are assessed internally by our sustainability team and submitted to NGO Bioregional for external validation. Assessments and validation aim to establish if a product meets Criteria 1 and 2. To find out more about NGO Bioregional, [click here](#)



- ✔ Once the external review is conducted, the product can then be confirmed and marked with the Green Star.
- ✔ A full review is conducted annually to ensure all products continue to meet the selection criteria.

Watch List Criteria relevant to lighting

These criteria specify features of products that make them unsuitable for Green Star assessment:

- ✘ Non-LED lighting, for example halogen and fluorescent lights
- ✘ Products supplied with single-use batteries
- ✘ Products containing palm oil, cotton, rubber or leather with no evidence that the materials have been responsibly sourced
- ✘ Recycled plastic products where the source of the plastic is unknown and/or cannot be confirmed as being safe
- ✘ Products containing any wood or paper that does not meet Kingfisher's Forest Positive Policy
- ✘ Products linked to animal cruelty, including:
- ✘ Products that contain feathers or down unless responsibly sourced (certified recycled or certified by the Responsible Down Standard/ Downpass/Global Traceable Down Standard).
- ✘ Products where the packaging contains PVC or expanded polystyrene.
- ✘ Products or components of products with chrome VI plating.

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