

Ecodesign Regulation Information for Xicato Flexible Linear Products (XFL)

This XFL Flexible Linear is considered to be a "containing product" as defined by Regulations (EU) 2019/2020 and (EU) 2019/2015.

Definition of "Containing Product"

Containing product means a product containing one or more light sources, or separate control gears, or both. Examples include luminaires that can be taken apart to allow separate verification of the contained light source(s), household appliances containing light source(s), furniture (shelves, mirrors, display cabinets) containing light source(s). If a containing product cannot be taken apart for verification of the light source and separate control gear, the entire containing product is to be considered a light source.

Conditions Met by XFL

In general, the replacement of the contained light source with the use of commonly available tools, without permanent damage to the light source or fixture is possible with XFL. In the final application, a XFL can be dismantled from the installation environment for verification and replaced by a similar light source restoring its full electrical/mechanical/thermal/optical functionality when handled by a professional installer. The control gear used with XFL are also removable from the installation. Instructions for disassembly and replacement can be provided for XFL.

Containing products such as XFL can also be separated from support material, protective and/or optical covers as well as from other additional mounting accessories. This meets the requirements for dismantling of light sources from containing products at end of life.

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. XFL products are RoHS compliant and should be disposed through such a system.

As stated in Annex I to Directive 2009/125/EC, item 28, containing products do not have to report the parameters mandated for a light source in the EPREL database and therefore data from nominal test conditions, as reported by light source manufacturer is sufficient for such products. This applies to XFL and performance data at nominal operating conditions is available in the product datasheets.

Additionally, as in Annex II to Directive 2009/125/EC, item 3b, a containing product does not require to display energy labels. Therefore, XFL products have not been assigned any energy labels.

Summary

XFL light sources are removable for verification without damage and can be replaced with similar units using commonly available tools. Therefore, as Containing Products, they are not required to meet the energy labeling requirements or be registered in the EPREL database.

Disassembly instructions will be provided on www.xicato.com website shortly.