

brennenstuhl®

Why are some lights labelled with an energy efficiency label and others not?

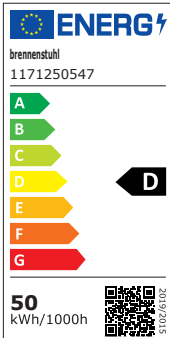
The current Ecodesign Regulation (2019/2020/EU) distinguishes between **light sources** and **surrounding products**.

In addition to lamps and LED modules, light sources also include luminaires where the light source **cannot be removed without causing damage**. In the latter case, the entire luminaire is considered a light source and must then fulfil all requirements for light sources. However, luminaires from which the light source can be removed non-destructively for inspection are considered „surrounding products“.

Labelling with the energy efficiency label in accordance with Regulation 2019/2015/EU may **only be used for light sources**. Surrounding products may not bear an energy efficiency label, but must include a reference to the energy efficiency class of the light source in the operating instructions: „This luminaire contains a light source of energy efficiency class x“

Reasons why a light source cannot be removed from a luminaire and the luminaire thus becomes a light source itself, as described above, can be, for example:

- if, due to IP protection requirements, the luminaire housing is bonded to provide effective protection against the ingress of water and foreign bodies,
- if the design of the luminaire is such that light sources can be contaminated and/or damaged during replacement (ESD) and if the way in which the light sources are attached has an influence on the thermal properties (heat dissipation).

Category according to Ecodesign Regulation	Light source	Surrounding product
Energy efficiency info	<p>Energy efficiency label on the packaging. Must be made available to customers before purchase.</p> 	<p>No energy efficiency label, but information on the packaging and in the operating instructions:</p> <p><i>This luminaire contains a light source of energy efficiency class X</i></p>
EU product data sheet	<p>Available for the luminaire, e.g. on the homepage. Must be made available to the customer before purchase. Can be accessed directly via the QR code on the energy label.</p>	<p>Only available for the light source (available in the EPREL product database). No obligation to provide for customers.</p>