

Changes to legislation: Commission Regulation (EC) No 859/2009 is up to date with all changes known to be in force on or before 06 November 2023. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

ANNEX

Ecodesign requirements for non-directional household lamps

Table 5 of Annex II to Regulation (EC) No 244/2009 is replaced by the following:

TABLE 5

Functionality requirements for lamps excluding compact fluorescent lamps and LED lamps

Functionality parameter	Stage 1	Stage 5
Rated lamp lifetime	$\geq 1\,000$ h	$\geq 2\,000$ h
Lumen maintenance	$\geq 85\%$ at 75 % of rated average lifetime	$\geq 85\%$ at 75 % of rated average lifetime
Number of switching cycles	\geq four times the rated lamp life expressed in hours	\geq four times the rated lamp life expressed in hours
Starting time	$< 0,2$ s	$< 0,2$ s
Lamp warm-up time to 60 % Φ	$\leq 1,0$ s	$\leq 1,0$ s
Premature failure rate	$\leq 5,0\%$ at 100 h	$\leq 5,0\%$ at 200 h
Lamp power factor	$\geq 0,95$	$\geq 0,95$

Changes to legislation:

Commission Regulation (EC) No 859/2009 is up to date with all changes known to be in force on or before 06 November 2023. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations.

[View outstanding changes](#)

Changes and effects yet to be applied to :

- Regulation implicit repeal by [EUR 2019/2020](#) Regulation