



EU Revises Exemption of Cadmium in RoHS Annex III

On May 21, 2024, the EU issued the RoHS amendment directive (EU) 2024/1416, amending the exemption for cadmium in Annex III of the RoHS Directive for display lighting applications. The amended directive will take effect on the 20th day following its publication in the Official Journal of the European Union. Below is a comparison of the requirements before and after the amendment:

Before Amendment:

Clause	Exemption	Scope and dates of applicability
39(a)	Cadmium selenide in downshifting cadmium-based semiconductor nanocrystal quantum dots for use in display lighting applications (< 0,2 µg Cd per mm ² of display screen area)	Expires for all categories on 31 October 2019

After Amendment:

Clause	Exemption	Scope and dates of applicability
39(a)	Cadmium selenide in downshifting cadmium-based semiconductor nanocrystal quantum dots for use in display lighting applications (< 0,2 µg Cd per mm ² of display screen area)	Expires for all categories on 21 November 2025
39(b)	Cadmium in downshifting semiconductor nanocrystal quantum dots directly deposited on LED semiconductor chips for use in display and projection applications (< 5 µg Cd per mm ² of LED chip surface) with a maximum amount per device of 1 mg	Expires for all categories on 31 December 2027

Original link: https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=OJ:L_202401416

