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**Cinematography — Spectral response of  
photographic audio reproducers for  
analog dye sound tracks on 35 mm film**

*Cinématographie — Réponse spectrale de lecteurs audio avec des  
pistes sonores analogiques de couleurs sur film de tirage 35 mm*



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# Cinematography — Spectral response of photographic audio reproducers for analog dye sound tracks on 35 mm film

## 1 Scope

This International Standard specifies the spectral response of the photographic audio reproducer light source and receptor as a unit, including any optical filtering that can be interposed.

The analog sound track formats suitable for reproduction using such a reproducer include the cyan dye-only track (without redevelopment of silver) and both conventional and "high magenta" soundtracks (with redevelopment of silver).

## 2 Spectral response

**2.1** The peak or maximum response of the combined audio reproducer light source, filter and receptor shall be  $660 \text{ nm}^{+20}_{-30}$  nm.

**2.2** The integrated response of the unit to all wavelengths greater than 800 nm shall be less than 5 % of the total integrated response measured from 400 nm to 800 nm.