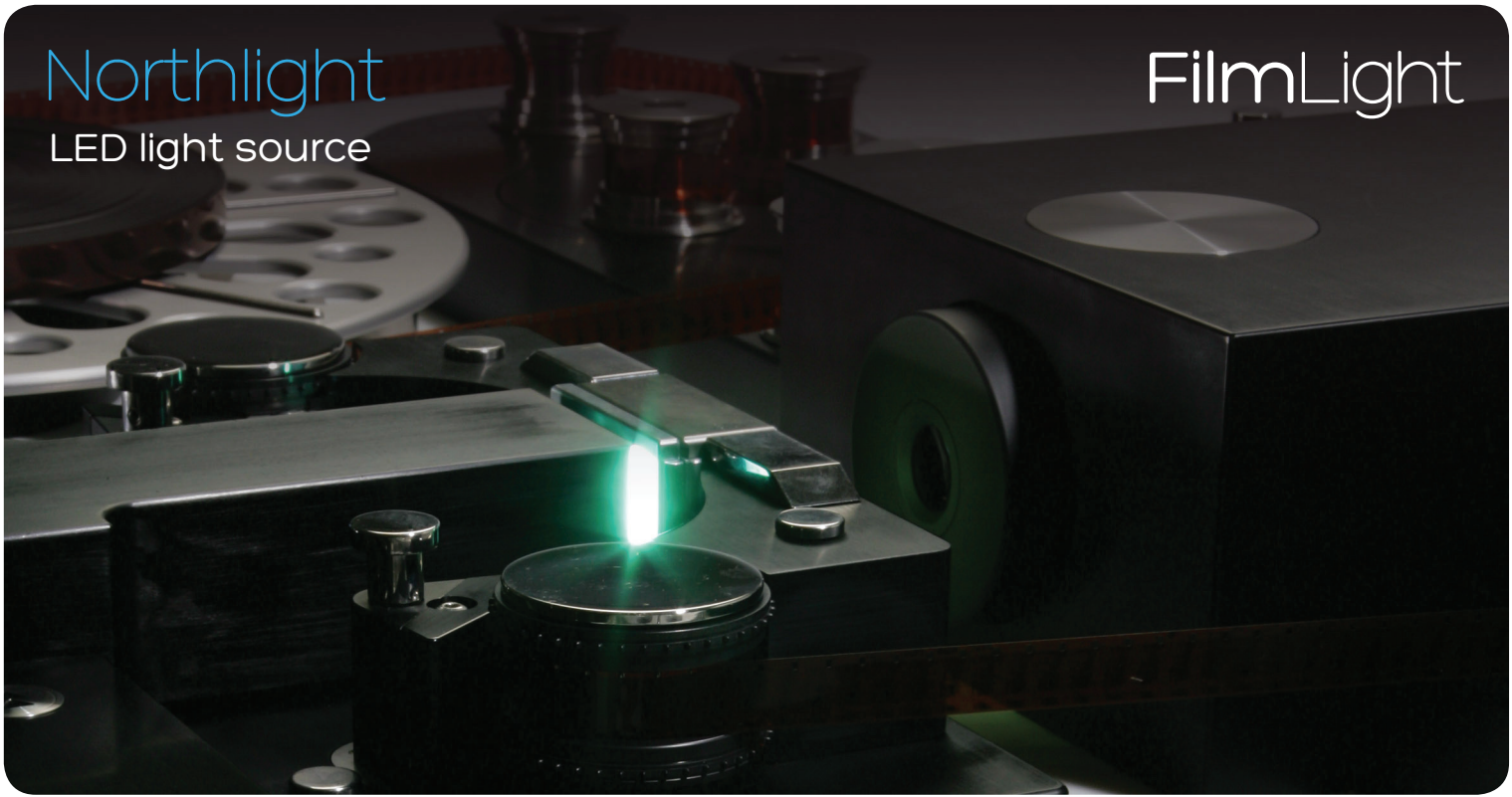


Northlight

LED light source

FilmLight



A longer lifespan with less power consumption.

The scanner illumination bulb is the only part of your scanner that you need to replace regularly. Northlight now offers you the option of an LED light source as a drop-in replacement for the standard metal halide lamp.

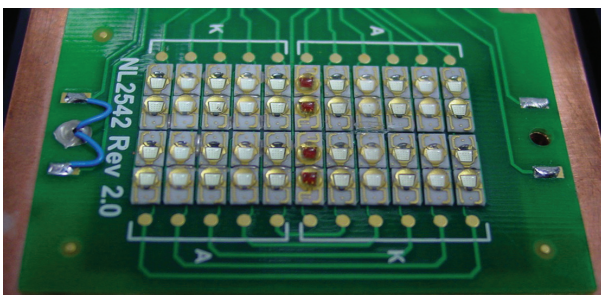
The LED light source provides the same illumination level as the standard lamp but with a much lower power consumption. It also has the advantage of a very long lifespan—based on the LEDs used, it will last for 3+ years of continuous scanner use.

The LED light source is available on both Northlight 1 and Northlight 2 scanners, and can also be purchased as an upgrade to existing scanners.

As the spectral weighting of the LEDs is different to your previous light source, we also deliver the LEDs with a calibration film that matches your existing colour response. This can also be used to match the colour response to any other target values if other colour spaces are desired.

Key Features

- » Very stable colorimetry.
- » Separate R, G, B channels.
- » Excellent colour separation.
- » Long-term stability.
- » 16-bit closed loop regulation, electronically shuttered.
- » Diffuse illumination for scratch concealment.
- » Dynamic range enhancement, which can be tuned to each film stock.
- » Real time fault monitoring.



Northlight's LED array

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