

**Materials List for:**

# **Analysis of *Arabidopsis thaliana* Growth Behavior in Different Light Qualities**

Bettina Bölter<sup>1</sup>, Franka Seiler<sup>1</sup>, Jürgen Soll<sup>1</sup>

<sup>1</sup>Department Biologie I-Botanik, Ludwig-Maximilians-Universität

Correspondence to: Jürgen Soll at [soll@lmu.de](mailto:soll@lmu.de)

URL: <https://www.jove.com/video/57152>

DOI: [doi:10.3791/57152](https://doi.org/10.3791/57152)

## Materials

Name	Company	Catalog Number	Comments
Climatic chamber equipped with LED panels	Rhenac Green Tec AG		These chambers are custom made.
Spectrometer	OceanOptics	USB-650	
Imaging PAM	Walz	IMAGING-PAM M-Series	There are several suitable models depending on the broader use.
Microscope+ 40x objective	Leica	DM1000	Other companies also produce suitable microscopes.
Software ImageJ			Free download from website
Plant RNA extraction kit	Qiagen	74903	
Bioanalyser	Agilent	G2939BA	Needs an additional computer