

The AIC Guide to Digital Photography and Conservation Documentation

Online Content

LIGHTING

Updated October 22, 2008

The equipment listed below is not intended to be complete, as there are many different lighting options available to photographers. Most of the material listed can be purchased from general photographic equipment retailers. For explanation of unfamiliar terms found in this document, see the print publication of *The AIC Guide to Digital Photography and Conservation Documentation*.

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GENERAL STUDIO LIGHTING

Tungsten Photoflood Reflectors, Barndoors, and Softboxes (diffuse lighting with continuous illumination)

Smith Victor Corporation

<http://www.smithvictor.com/products/>

Softboxes (for diffuse lighting with continuous illumination)

Photoflex

<http://www.photoflex.com/>

Quartz Halogen Floods, Spots, Softboxes and High-CRI Fluorescent Lamps

Lowel

<http://www.lowel.com/>

Quartz Halogen (MR-16) Lamps

Solux

<http://www.solux.net/>

HID Metal Halide Lamps

North Light Products, Inc.

<http://www.northlightproducts.com/>

High-CRI Fluorescent Lamps

Kino Flo Lighting Systems

<http://www.kinoflo.com/>

Lowel

<http://www.lowel.com/>

Strobe (multiple external electronic flash)

Speedotron Corporation

<http://www.speedotron.com/>

Broncolor

<http://www.sinarbron.com/bron/>

Electronic Flash for Copystands

An inexpensive choice for small conservation studios is the Master AC Slave with 1 or 3 AC Slaves that fit into existing copystand lamp base sockets.

The Morris Company

<http://themorriscompany.com/>

CDI 100 Watt Daylight LED Lights

The Center for Digital Imaging, Inc. (CDI) manufactures a 5000 K, 90 CRI LED light unit with no UV or IR emission. The CDI 100 Watt Daylight LED is a continuous light source that can also be synchronized with digital camera shutters. These lights have been designed specifically for digitizing light-sensitive materials.

Center for Digital Imaging, Inc.

<http://www.cdiny.com/products.html>

SPECIALTY LIGHTING

Light Lines (raking light units for examination and photography); and **Fiber Optic Illuminators** (raking, specular and close-up photography)

Schott-Fostec

<http://www.us.schott.com/fiberoptics>

Also <http://www.aic-imagecentral.com/products/pdfs/schott.pdf>

Also <http://www.imaginghardware.com/Products/Lighting/LightingTN2.aspx>

Volpi

<http://www.volpiusa.com/catalog.asp?CatID=3>

Tungsten Mini Spotlights and Accessories

Photogenic

http://www.photogenicpro.com/store/index.asp?DEPARTMENT_ID=62

LIGHTING SUPPORT SYSTEMS

(Note: Many of the lighting system manufacturers listed above also manufacture support systems)

Stands, Booms and Ceiling Mounted Rail Systems

Photogenic Professional Lighting

<http://www.photogenicpro.com/>

Calumet Photographic

<http://www.calumetphoto.com/>

Bogen/Manfrotto

<http://www.bogenimaging.us/Jahia/>

Foba Rail Systems

<http://www.sinarbron.com/foba/rail/rail.php>

COPY STANDS

TTI (Tarsia Technical Industries, Inc.)

<http://www.ttind.com/>

Also <http://www.academicimaging.com/index.html>

Linhof Präzisions-Systemtechnik, GmbH

<http://www.linhof.de/english/index.html> (click on accessories)

Also <http://www.hpmarketingcorp.com/news.php>

Also <http://www.academicimaging.com/index.html>

Bencher, Inc.

<http://www.bencher.com/>

Kaiser Fototechnik, GmbH

http://www.kaiser-fototechnik.de/en/produkte/2_1_sortiment.asp

Also <http://www.hpmarketingcorp.com/news.php>

Bogen/Manfrotto

Model information via distributors only, e.g.,

<http://www.bhphotovideo.com>

<http://www.adorama.com>

ULTRAVIOLET SOURCES

UV Systems, Inc.

<http://www.uvsystems.com>

Spectroline (Spectronics Corporation)

<http://www.spectroline.com>

UVP (Ultraviolet Products, LLC)

<http://www.uvp.com>

Broad Projection UVA Units

Altman Lighting Company, Inc.

<http://www.altmanlighting.com/>

Nocturn lamps from Strong Entertainment Lighting (Ballantyne, Inc.)

<http://www.ballantyne-omaha.com/>

Wildfire, Inc.

<http://www.wildfirefx.com/>

LED UVA panels

These units are untested and may emit too much visible light for effective fluorescence photography.

Chauvet

http://www.chauvetlighting.com/fixtures/ledtechstrobev_fix.shtml

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The information in this document is intended to supplement *The AIC Guide to Digital Photography and Conservation Documentation*, published by the American Institute for Conservation (AIC). This book is available from the AIC website at <http://aic-faic.org>.

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