FLAAR Reports
Digital Photography

MEDIUM FORMAT DIGITAL PHOTOGRAPHY ARCHITECTURAL HDR

Nicholas Hellmuth

FLAAR has been studying how to improve the quality on a the digital image; we have been testing for some time Photomatix HDR software, this is a software that gives a High Dynamic Range on to a photograph so you can get the most detail on your image. This is a process where you take one underexposed photograph; a good exposed photo and overexposed photograph and combine them to get a High Dynamic Range Photo. Here are some examples on what you can achieve on HDR software.

Before HDR.

This photograph was imaged with 3 different exposures in Photomatix.

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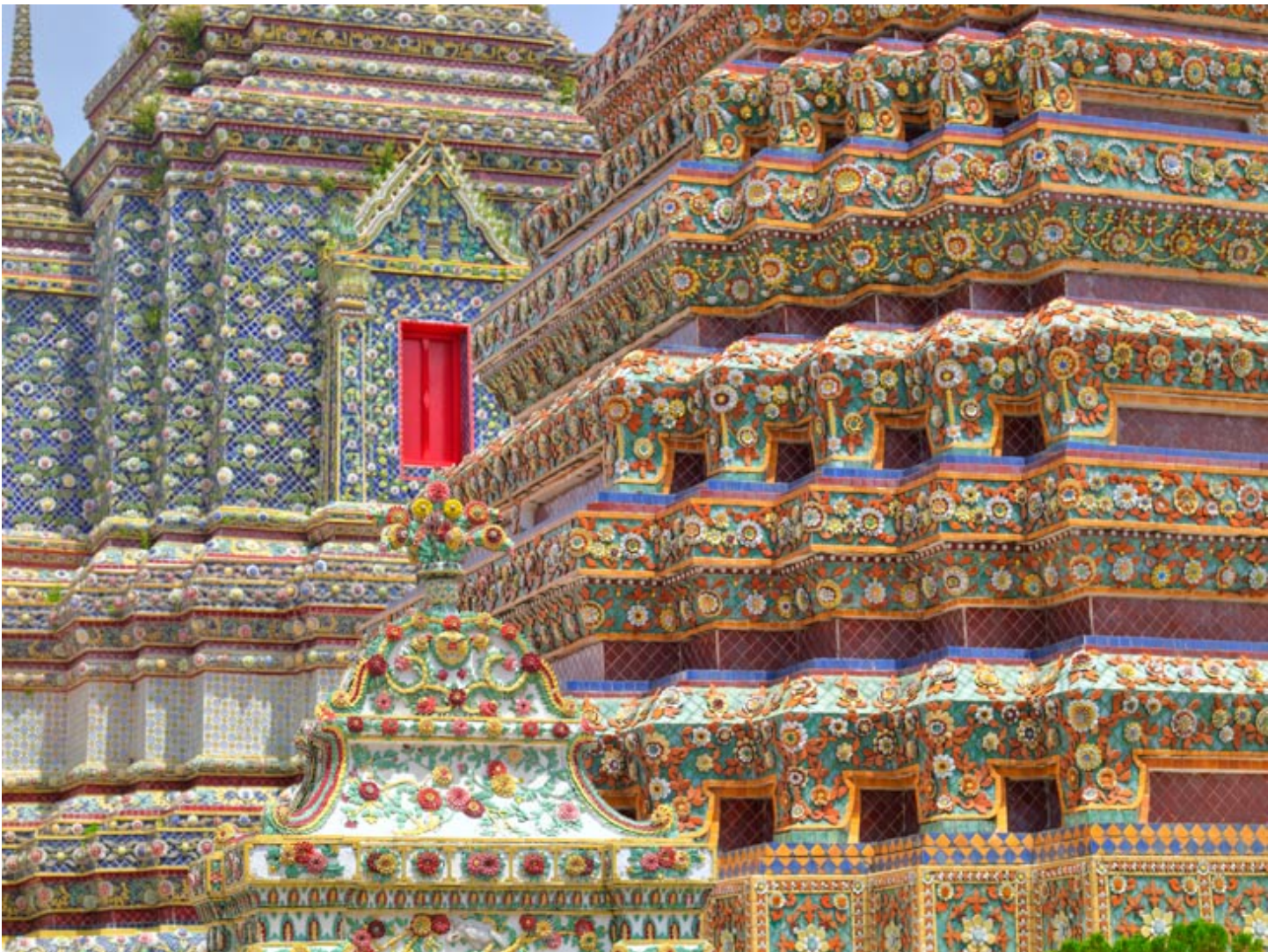*This photograph was imaged with 3 different exposures in Photomatix.*

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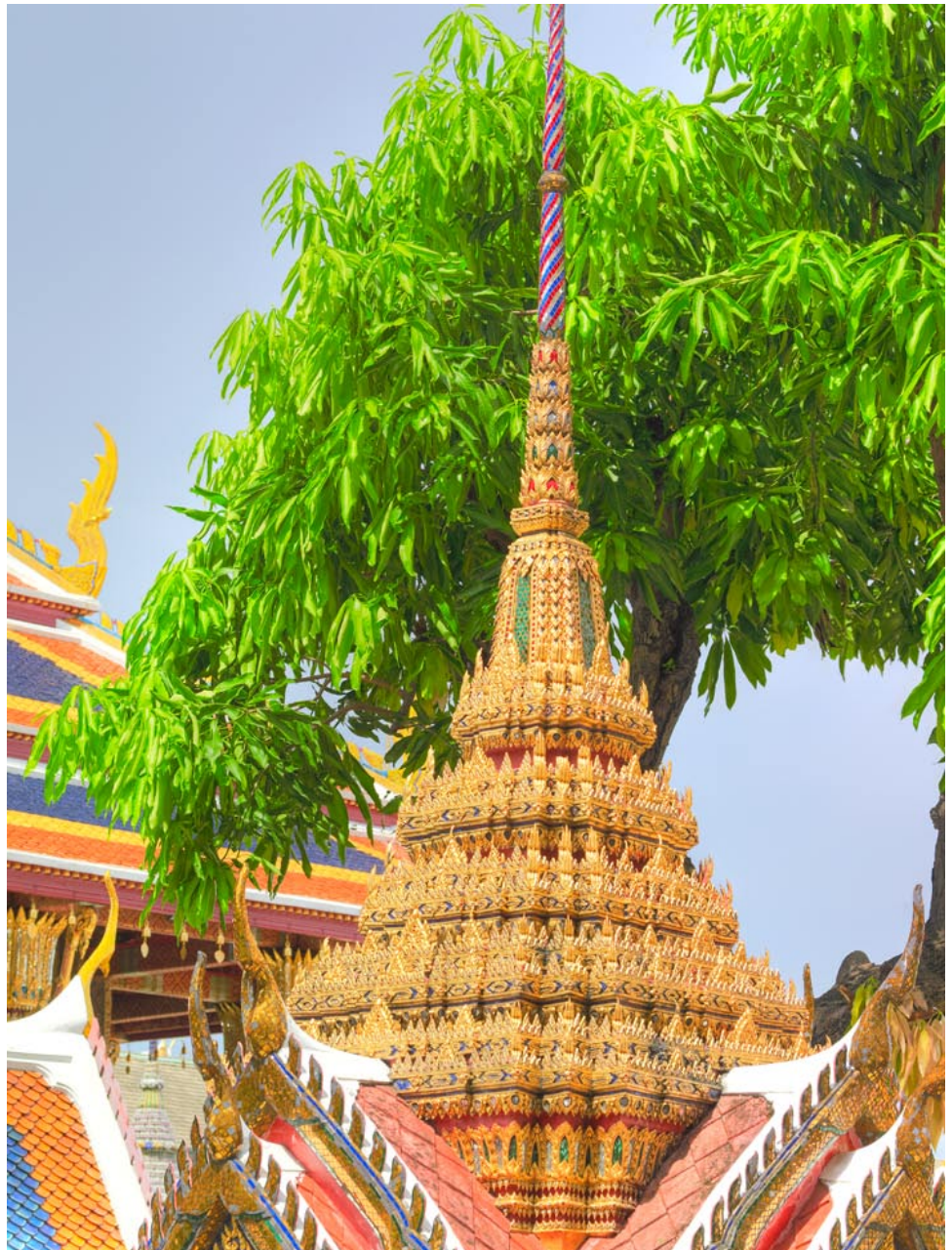*This photograph was imaged with 3 different exposures in Photomatix.*

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For memory in the 22-megapixel digital camera we use a 16 BG card. For memory in our various Nikon and Canon digital cameras we use an 8 GB, 4 GB, and 2 GB card from Hoodman. You can read these cards very fast with the special Hoodman card reader.

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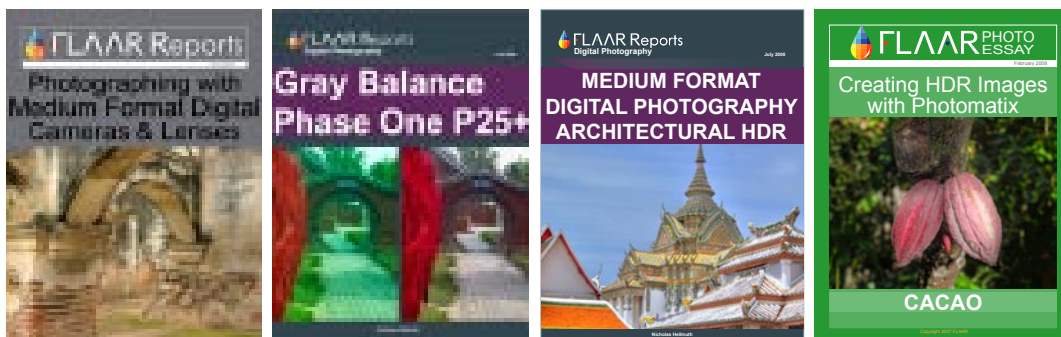

Hoodman UDMA Card Reader

Hoodman Compact Flash Cards.

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FLAAR LEARNING UNITS
Creating High Dynamic Range images step by step

Creating HDR with Photomatix and Photoshop — Architectural Photography

Creating HDR with Photomatix and Photoshop — Arcade Antigua Guatemala

How To get HDR in Photoshop CS3 — La Selva Maya Guatemala

Creating HDR with Photomatix and Photoshop — Capuchinas Antigua Guatemala

Creating HDR with Photomatix and Photoshop — El Calvario Antigua Guatemala

Photographing with Medium Format Digital Cameras & Lenses

Gray Balance Phase One P25+

MEDIUM FORMAT DIGITAL PHOTOGRAPHY ARCHITECTURAL HDR

Creating HDR Images with Photomatix — CACAO

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Learn more in our:

An Exhibit of Giclee Prints of Guatemala by photographer Nicholas Hellmuth

Essential Equipment for Successful Portrait Photography

Portrait Photography with Medium Format Digital Camera Backs

Photojournalism with Medium Format Digital Camera Backs

FLAAR Medium Format Digital Camera Initiative

Architecture Photography with Medium Format Digital Camera Backs

Landscape Photography with Medium Format Digital Camera Backs

Evaluation of Creo Leaf Valeo 22 Medium Format Digital Camera

Nature Photography with Medium Format Digital Camera Backs

Fine Art Photography with Medium Format Digital Camera Backs

Resolutions for Inkjet Printing

Printers for Museum-Quality Prints

Creo EverSmart Supreme Scanner

Printers for Commercial Photography

HP DesignJet 130

Which Printer, Which Software for B&W Photos?

Photo-Realistic Quality on Diverse Media

Image Quality Analysis: HP 130 and Epson

Continuous Tone RGB Printers

Continuous Tone RGB vs. CMYK Inkjet

Workflow in Digital Photography

HP DesignJet 30

Scanning 35mm Slides and Negatives

Scanning Medium Format Transparencies

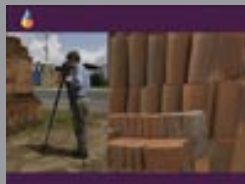Printing your Photographs on Silk

To learn more click here

FLAAR Reports Manfrotto QTVR Pano Tripod Head	**FLAAR Reports** Using Medium Format Cameras with a Laptop Computer	**FLAAR Reports** A Brief History of Capable of Doing Rollout Photographs	**FLAAR Reports** Lighting Techniques for Digital Photography of Plants & Flowers	**FLAAR Reports** Tripod Heads
FLAAR Reports Medium Format Digital Cameras Combined with a QTVR Tripod Head of Panoramas	**FLAAR Reports** Medium Format Cameras for Fine Art Photography	**FLAAR Reports** Backdrop Paper for Photographying Plants & Flowers	**FLAAR Reports** Illumination of Maya Archaeology pieces using North Light SunSpots	**FLAAR Reports** How To Use Elinchrom Lights
FLAAR Reports Evaluation of the Kodak SLR/n	**FLAAR Reports** Westcott Spiderlites	**FLAAR Reports** Snow Flowers Kodak SLR/n, Nikon 60mm Macro Lens	**FLAAR Reports** Geared Tripod Heads	**FLAAR Reports** Backdrop Paper for photographing Art & Archaeological Artifacts
FLAAR Reports Aspects to consider for Rollout Photography	**FLAAR Reports** Evaluation of the Kodak SLR/n	**FLAAR Reports** Sunshades for your Camera LCD & for your Computer When out on Location	**FLAAR Reports** Useful & Practical Equipment for Photography out on Location	**FLAAR Reports** 4x5 Cameras to Hold your Large Format Scan Backs
FLAAR Reports Carbon Fiber Tripods in the Studio and out on Location	**FLAAR Reports** Tungsten Lighting for Photographing Art & Archaeological Artifacts	**FLAAR Reports** Tripod Head Computer Table	**FLAAR Reports** Advantages of Using the GretagMacbeth ColorChecker	**FLAAR Reports** Professional Fluorescent Lighting for Digital Photography

To learn more click here

Phase One P 30 Medium Format Architectual Photography

Phase One P 30 Medium Format Fine Art Photography

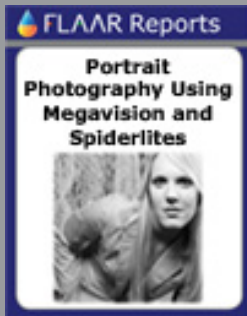Phase One P 30 Digital Back out in location in Cental America

Evaluating the Hasselblad H1 Abandoned Factory & Rust

Evaluating the Hasselblad H1 Barns and Abandoned Houses

Using a Leaf Valeo + Mamiya 645 AFD for Fine Art Giclee Photography

Portrait Photography Using Megavision and Spiderlites

A Unique 16-Megapixel B&W Fine Art Photography System

Kodak Pro Back Plus Medium Format Digital Back (for Hasselblad or Mamiya)

Sample Results of Architectural Photography with the Imacon Ixpress 528C

To learn more click here

Your finished inkjet prints look so much better if the input is from a high quality camera.

If you prefer to buy a medium format digital back (and not just rent one), then we suggest you contact Capture Integration,
   toll free 877 217-9870,
   Atlanta office 404 522-7662,
   Atlanta fax 404 522-7929
   Miami telephone 305 534-5701,
   Miami fax 305 534-1425
   E-mail: info@CaptureIntegration.com

Capture Integration handles all aspects of medium format digital photography: portraits and everything.

But if you are especially interested in architectural photography, they have the special architectural camera bodies that can handle any brand of medium format digital back.

Plus, Capture Integration is one of the only companies in the US that can handle medium format Infrared photography with a digital back at full resolution.

If you wish to try out a Phase One medium format digital camera, you can rent one from Global Imaging Inc. They rent across the USA. Contact info is:

Greg Lamb, glamb@globalimaginginc.com (Colorado office)

2011 Cherry Street, Suite 116
Louisville, CO 80027
   Tel: 303.673.9773
   Toll Free: 800.787.9801
   Fax: 303.673.9923
   info@globalimaginginc.com

We at FLAAR know the people of Global Imaging Inc for many years. They also handle wide-format inkjet printers: VUTEk, EFI Rastek, Mimaki, HP, Canon, Epson, etc., IMAGEPRINT, COLORPROOF XF, ONYX RIP software, and Zund XY flatbed cutters.