

SPINOUTS  
.....  
ROLLOUTS  
.....  
DRAGOUTS

Creative Exploitation with the  
Better Light Pano/WideView™ adapter

*presented by Mark VanderSys*  
*Pixel Light Digital Imaging Services*



# PROGRAM OVERVIEW

- Intro
- Pano Adapter placement
- Examples & How To's
- Pano/Wideview Basics
- Monetization





# PANO/WIDEVIEW ADAPTER PLACEMENT

**On the tripod**  
(turning the camera)





# PANO/WIDEVIEW ADAPTER PLACEMENT

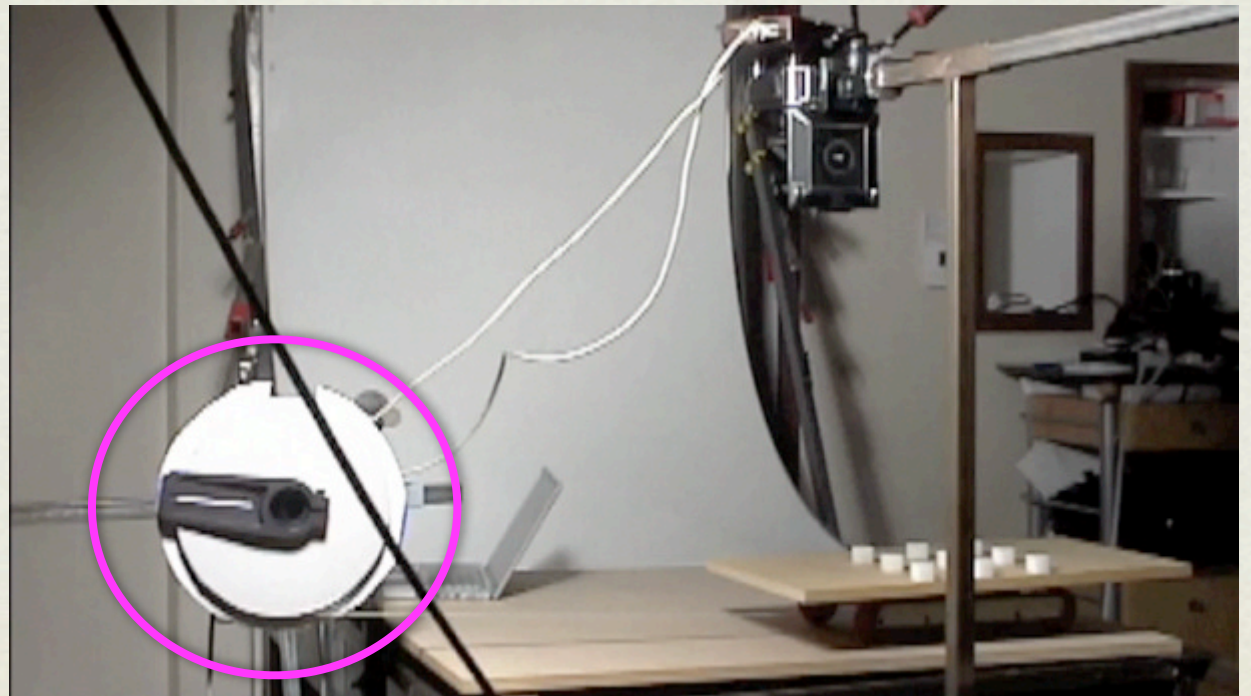
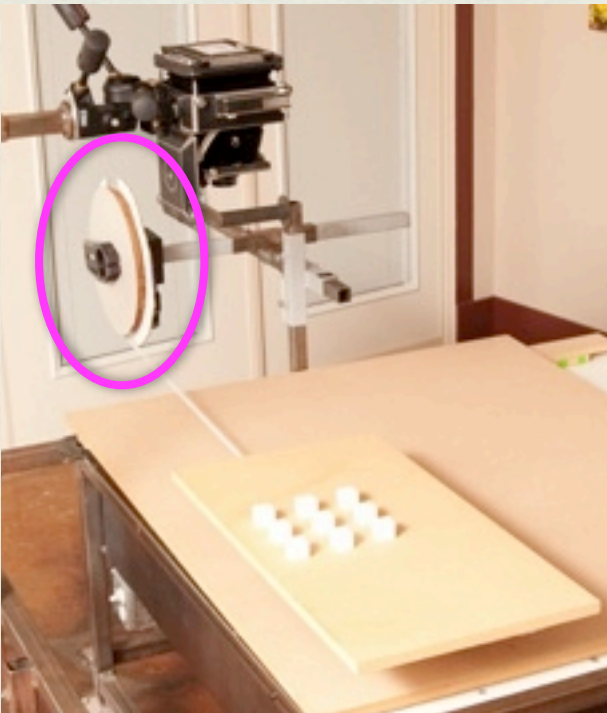
**In front of the camera**  
(turning a stage)





# PANO/WIDEVIEW ADAPTER PLACEMENT

**To the side of camera**  
(dragging a stage)





# EXAMPLES & HOW TO'S



## Capture Options Covered

- Spinouts
- Rollouts
  - Scene - Subject on focal arch of circle
  - Cylinder -Unwrapping a cylinder
    - Add a twist (rotate back)
- Dragouts
  - Over Head
    - Add a twist (rotate back)
  - Profile
- Macro Panos

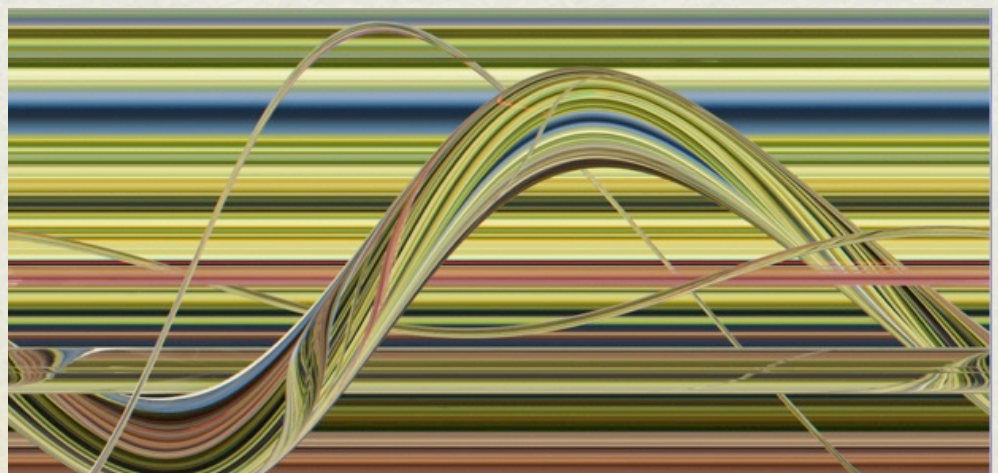
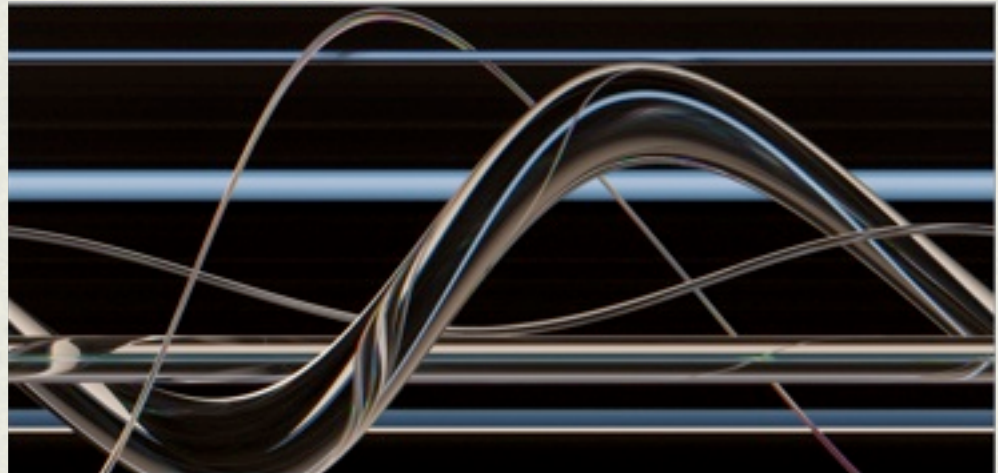
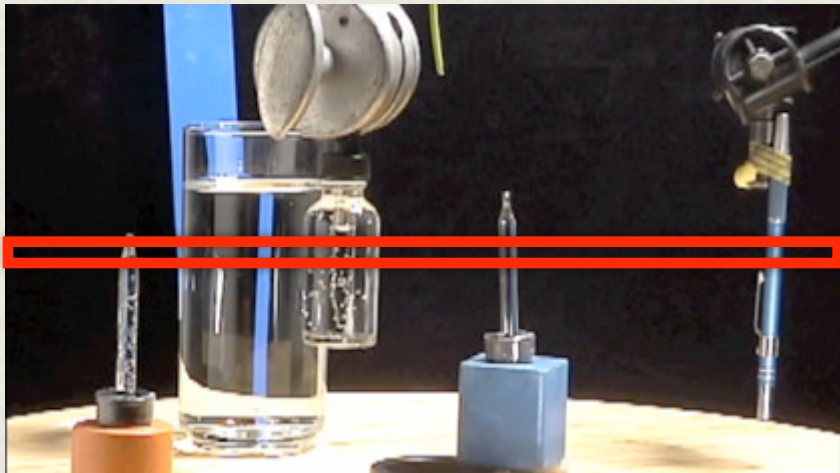
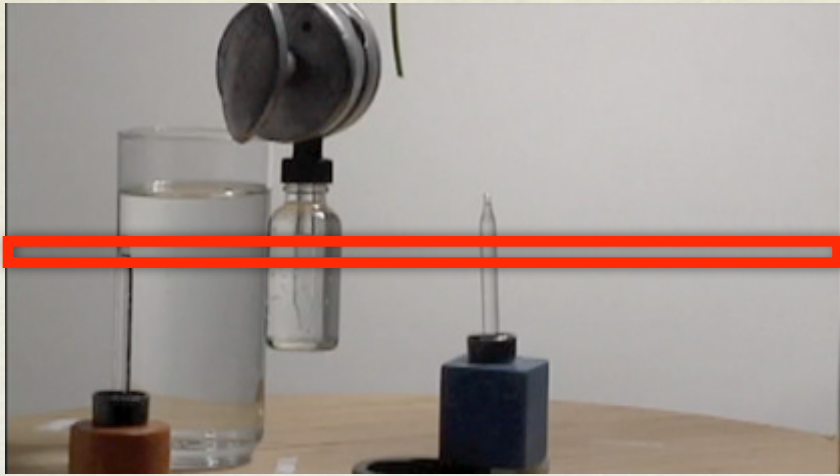


# SPINOUTS

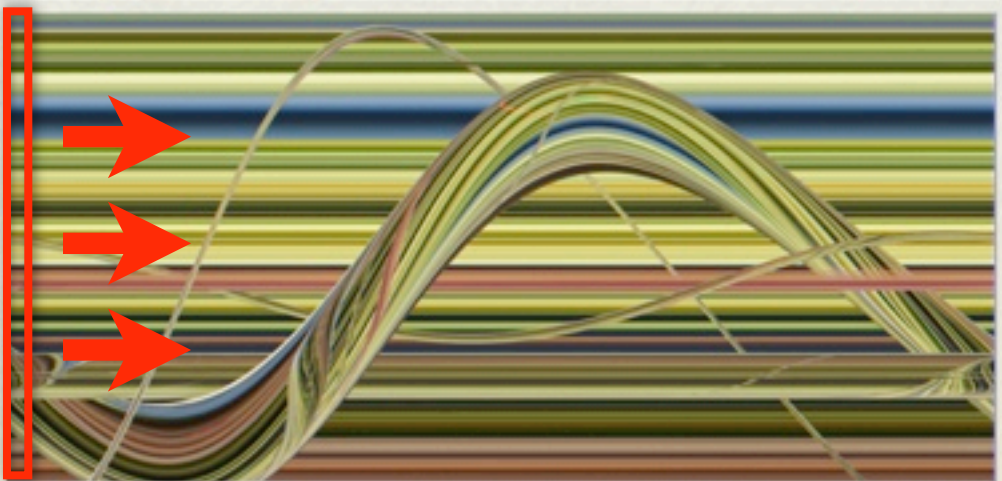
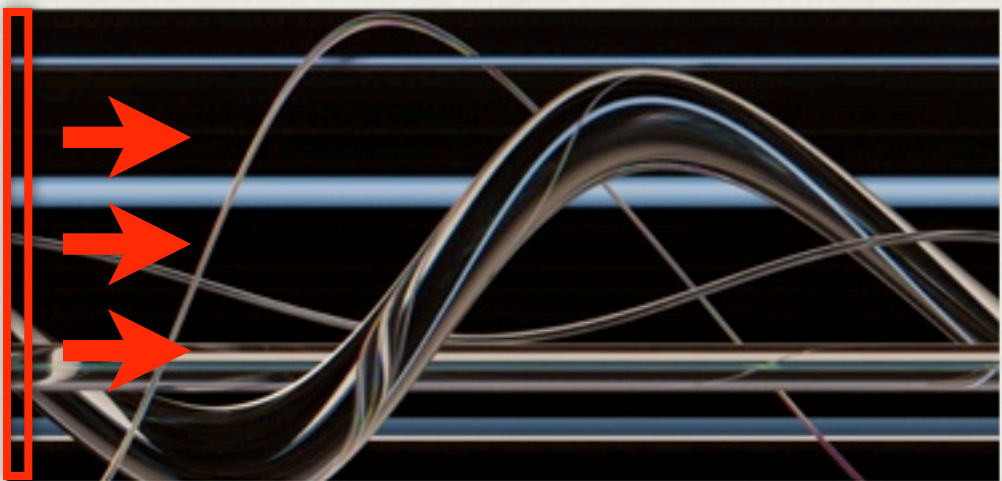
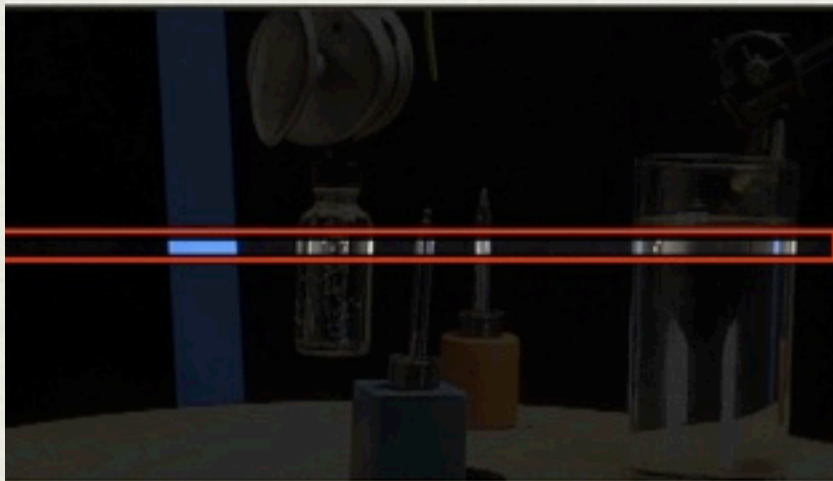
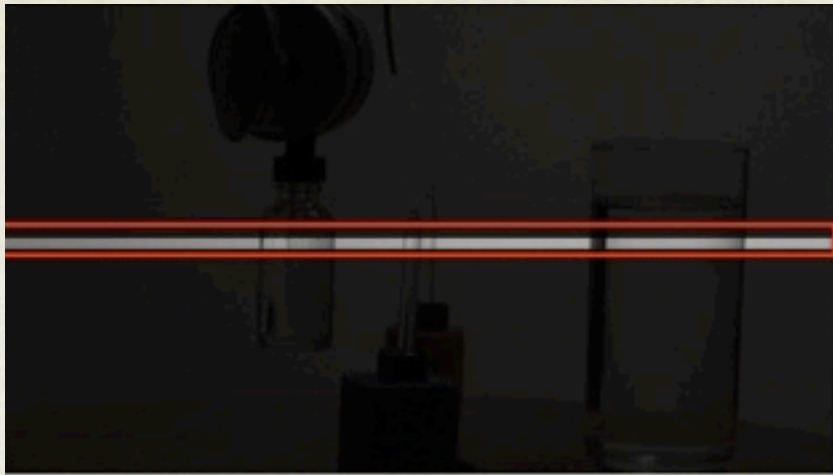
Clear glass examples

















# LENS FOCAL LENGTH VARIATIONS

Changing/stretching the look of your image



ViewFinder File Edit Display Camera Window ViewFinder™

**BETTER LIGHT**  
digital camera controller

74% Sat 6:35 PM

24.43 x 20.00 inches at 300.00 pixels per in.

Scan Area: 100% Resolution: 100% File Size: 125.83 MB Model Super6k 65535 MB Free

Line Time: 1/40 s ISO: 60 13.44 V

CloseUp\_064

Fast Prescan 00:00 03:03  
 Crop Prescan  
 Super  View **Cancel** **Scan**  
 Prescanning

Size Color Tone Focus **Pano**

**Scene** Rollout Object

Focal Length 14 mm  
 Preview Extent 360° x 137.49  
 h:v aspect ratio: 1.22 : 1  
 Preview Dimensions: 1178 lines x 750 pixels  
 Scan Extent: 359.97°

Pixel: Line: R G B  
 5 x 5 RGB EV

Return After Scan **More Room**



ViewFinder File Edit Display Camera Window

BETTER LIGHT digital camera controller

ViewFinder™

74% 41.89 x 20.00 inches at 300.00 pixels per in.

Scan Area 100% Resolution 100% File Size: 215.71 MB Model Super6k 65535 MB Free 13.44 V

Line Time 1/40 s 60 604

CloseUp\_064

Fast Prescan 00:00 05:14  
 Crop Prescan  
 Super  View

Cancel Scan

Prescanning

Size Color Tone Focus **Pano**

Scene Rollout Object

Focal Length 24 mm

Preview Extent 360 ° x 112.61

h:v aspect ratio: 2.09 : 1

Preview Dimensions: 1178 lines x 750 pixels

Scan Extent: 359.98°

Pixel: Line R G B


5 x 5 RGB EV

Return After Scan More Room



ViewFinder File Edit Display Camera Window

BETTER LIGHT digital camera controller



49% 76.79 x 20.00 inches at 300.00 pixels per in.

Scan Area 100% Resolution 100% File Size: 395.47 MB Model Super6k 65535 MB Free

Line Time 1/40 s ISO 60 13.44 V

CloseUp\_064

Fast Prescan 00:30 09:35  
 Crop Prescan  
 Super  View Prescan Scan

Size Color Tone Focus Pano

Scene Rollout Object

Focal Length 44 mm

Preview Extent 360 ° x 78.57"


h/v aspect ratio: 3.83 : 1

Preview Dimensions: 1178 lines x 750 pixels

Scan Extent: 359.98°

Pixel: Line R G B

5 x 5 RGB EV



Return After Scan More Room



# SUBJECT & BACKGROUND VARIATIONS



ViewFinder File Edit Display Camera Window

BETTER LIGHT digital camera controller

ViewFinder™

74%

41.89 x 20.00 Inches at 300.00 pixels per in.

Scan Area: 100% Resolution: 100% File Size: 215.71 MB Model Super6k 65535 MB Free 13.44 V

Line Time: 1/40 s ISO: 604

CloseUp\_065

Fast Prescan 00:30 00:00  
 Crop Prescan  
 Super  View

Prescan Cancel

Finishing scan...

Size Color Tone Focus **Pano**

Scene Rollout Object

Focal Length 24 mm

Preview Extent 360 ° x 112.61

h:v aspect ratio: 2.09 : 1

Preview Dimensions: 1178 lines x 750 pixels

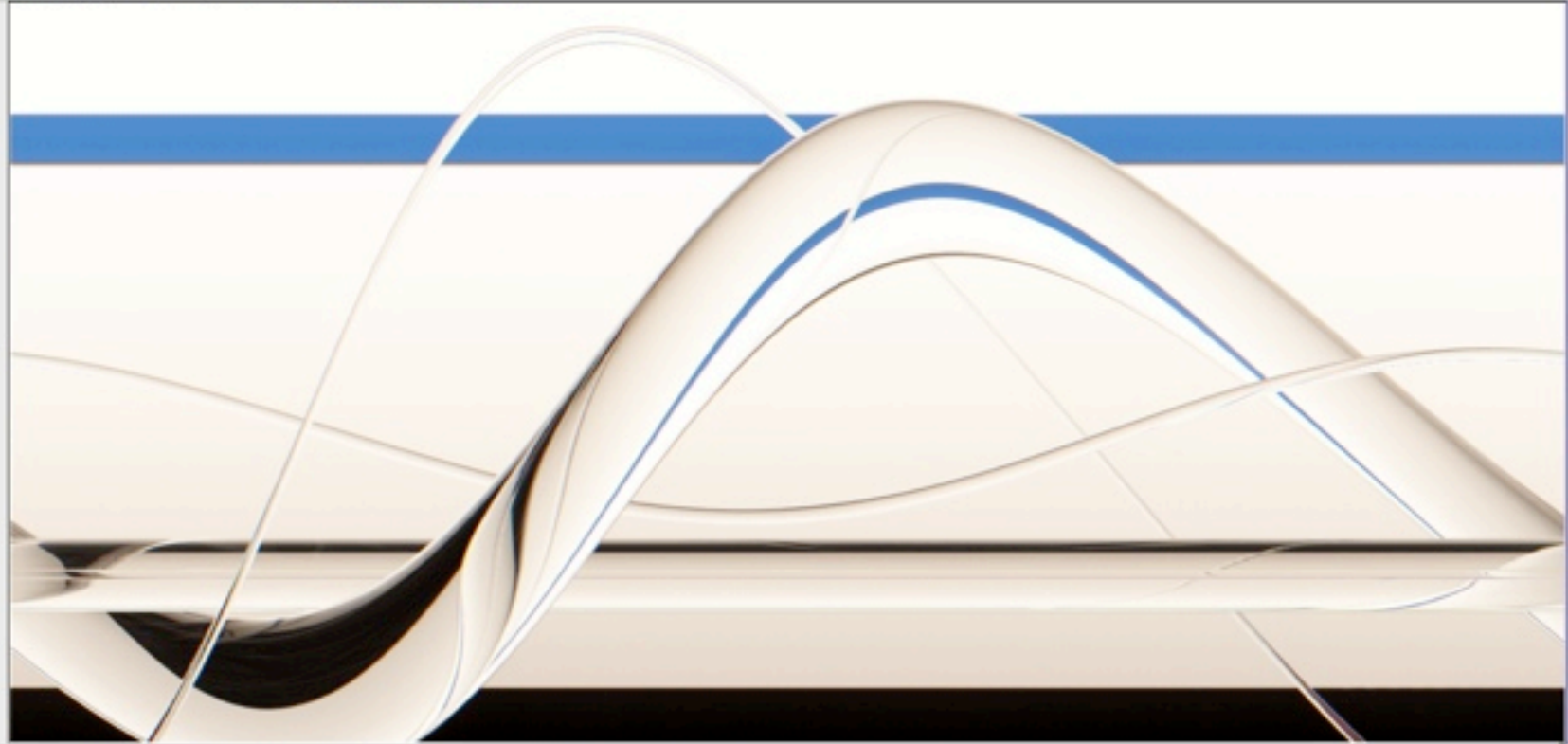
Scan Extent: 359.98°

Pixel: Line: R G B

5 x 5 RGB EV

Return After Scan More Room





74%

41.89 x 20.00 inches at 300.00 pixels per in.

Scan Area: 100% Resolution: 100% File Size: 215.71 MB Model Super6k 65535 MB Free

Line Time: 1/40 s ISO: 604

CloseUp\_066

Fast Prescan 00:00 05:14

Crop Prescan

Super  View

Cancel Scan

Prescanning

Size Color Tone Focus **Pano**

Scene Rollout Object

Focal Length 24 mm

Preview Extent 360 ° x 112.61

h:v aspect ratio: 2.09 : 1

Preview Dimensions: 1178 lines x 750 pixels

Scan Extent: 359.98°

Return After Scan

More Room

Pixel: Line: R G B

5 x 5 RGB EV



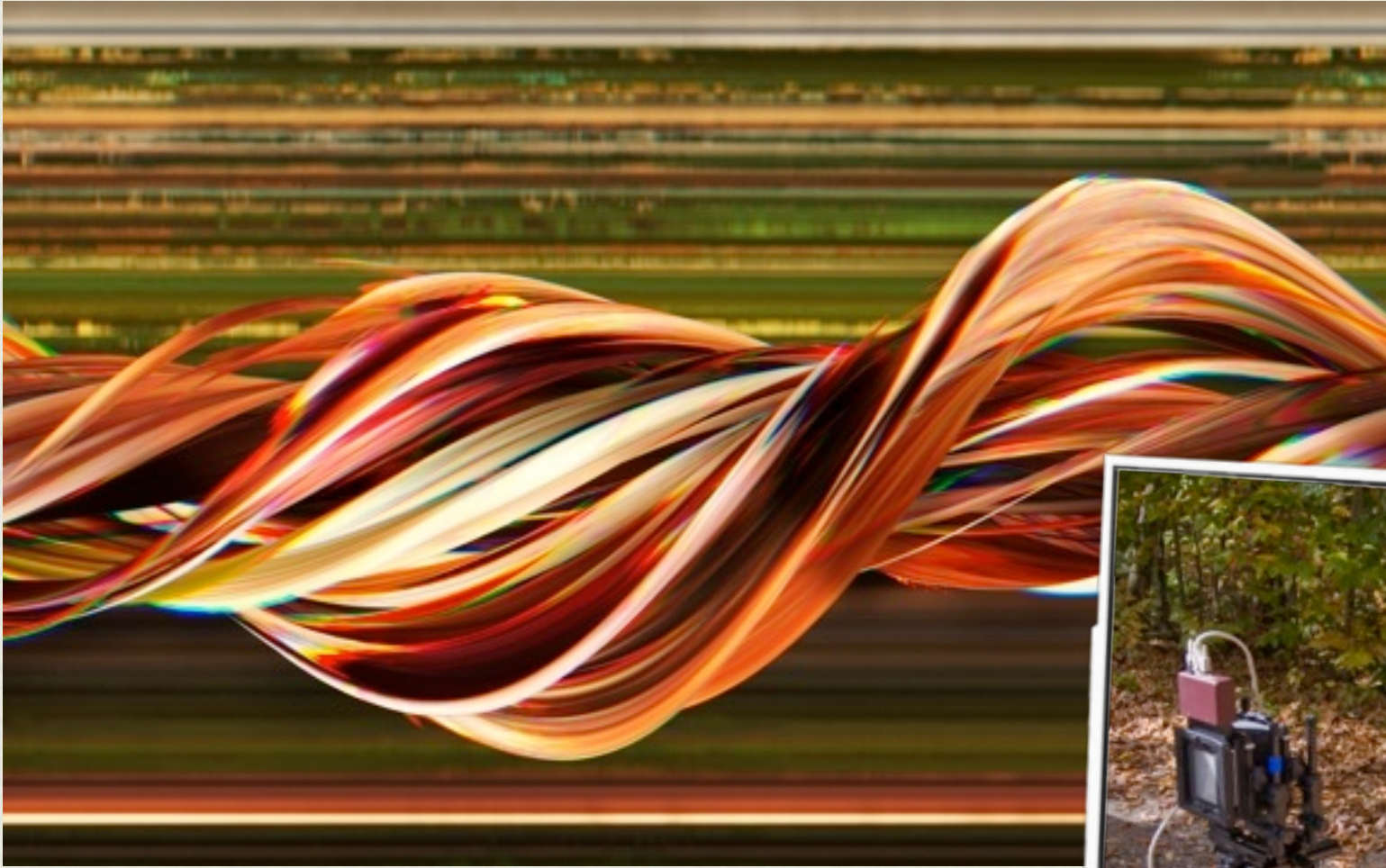


# SUBJECT VARIATIONS



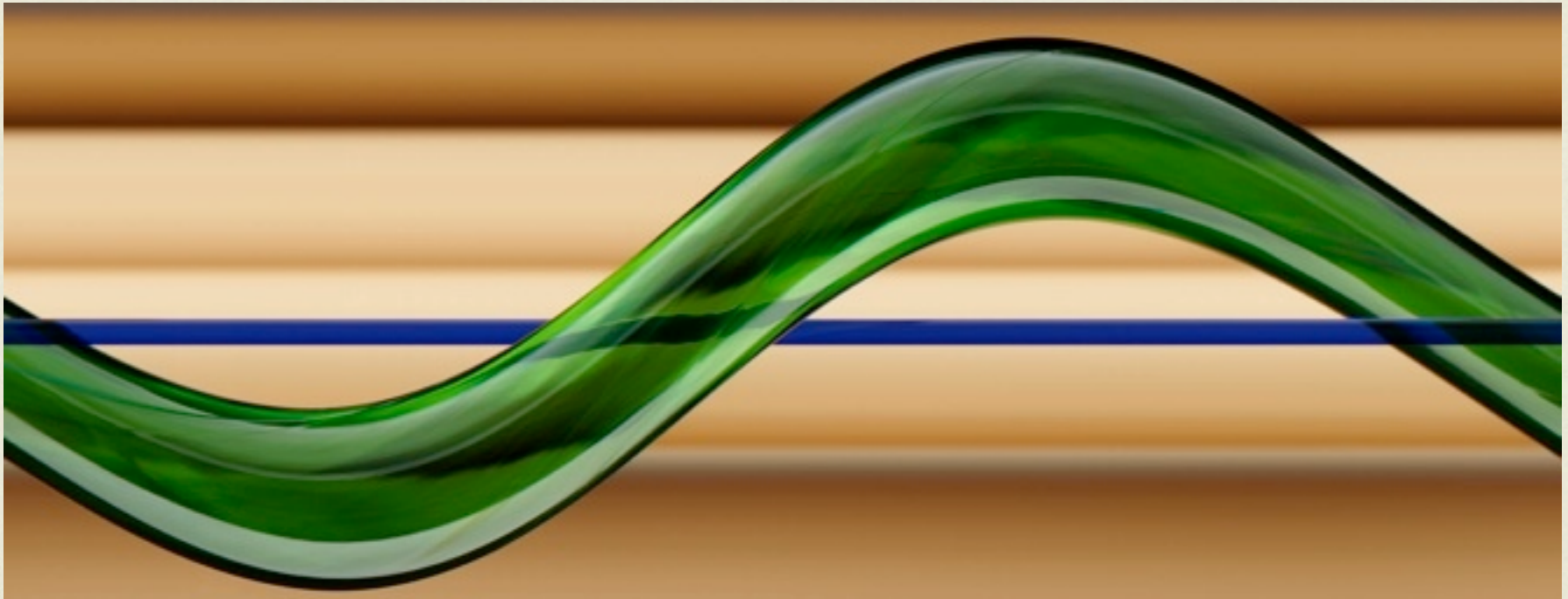


# My first “In the field” Spinout

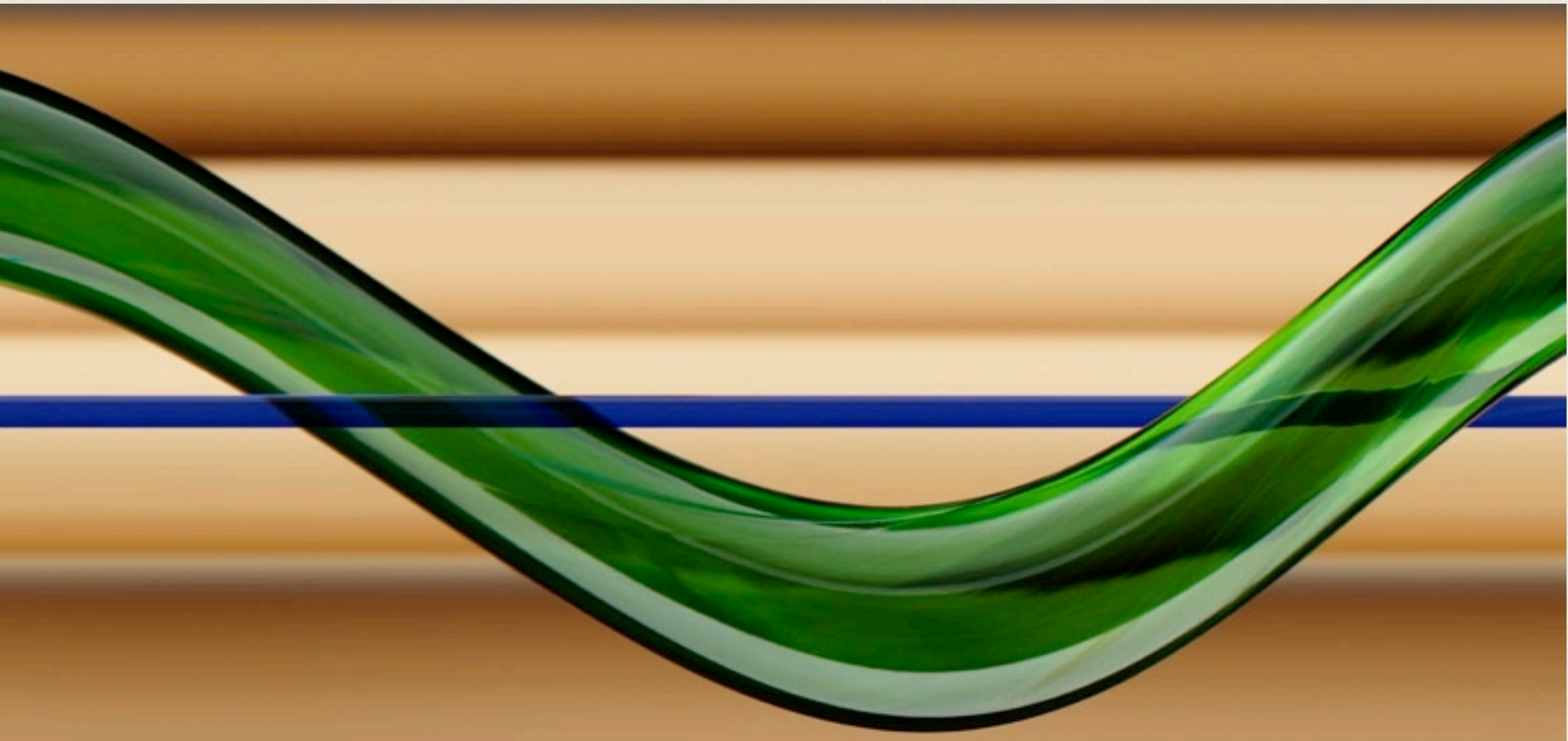




# LINKING TOGETHER









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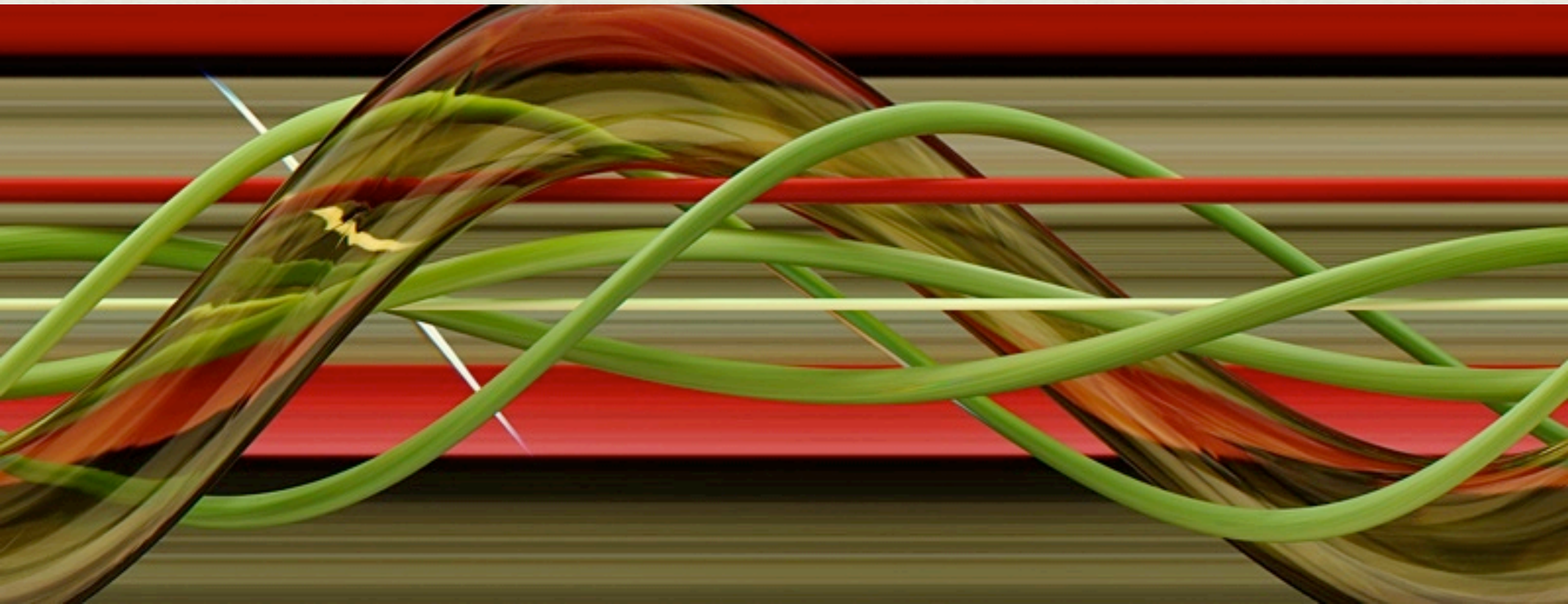
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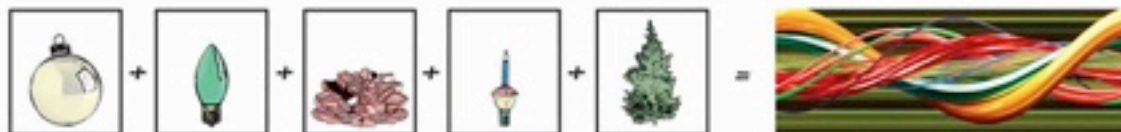
*Pixel Light*

# MERRY CHRISTMAS

A modern twist on the traditional Christmas tree

CHRISTMAS CELEBRATES THE ULTIMATE CREATIVE  
"THINKING OUTSIDE OF THE BOX" EVENT

WISHING YOU A MERRY CHRISTMAS  
AND A PROSPEROUS NEW YEAR







# ROLLOUTS

Scene - Subject on focal arch of circle

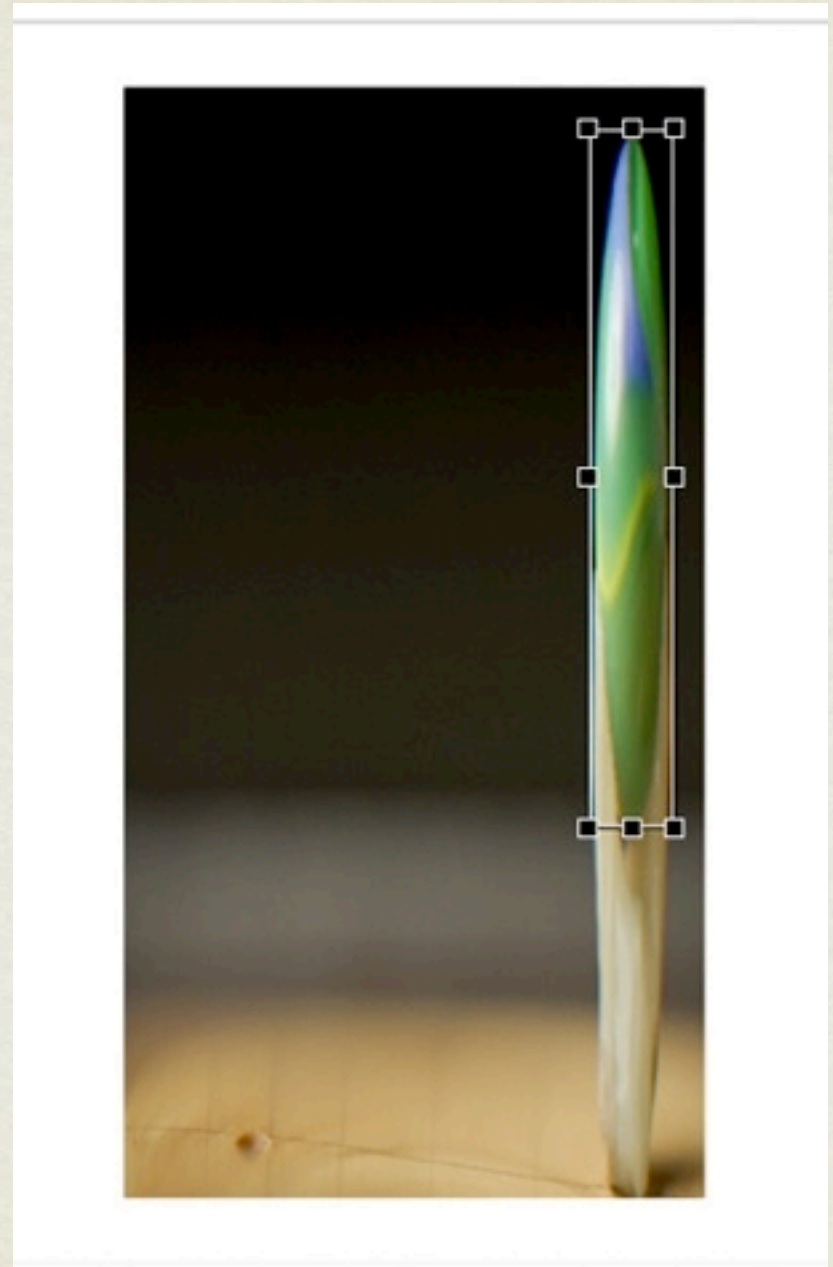
## The “Focal Line”

- Laying it down
- Calibrating to it
- Distortions outside of it





# CALIBRATING TO THE “FOCAL LINE”







67%

10.47 x 20.00 inches at 300.00 pixels per in.

Scan Area Resolution File Size: 53.92 MB  
100% 100% Model Super6k  
65535 MB Free

Line Time ISO 13.42 V  
1/120 s 207

CloseUp\_047

Fast Prescan 00:10 00:26  
 Crop Prescan  
 Super  View

Prescan Scan

Size Color Tone Focus **Pano**

Scene **Rollout** Object

Object Height 100 mm  Use Crop  
ft: 18.00

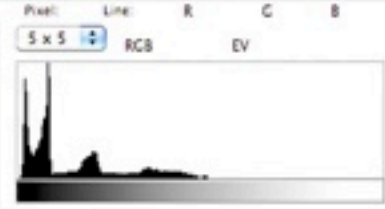
Object Diameter 50 mm

Preview Extent 120

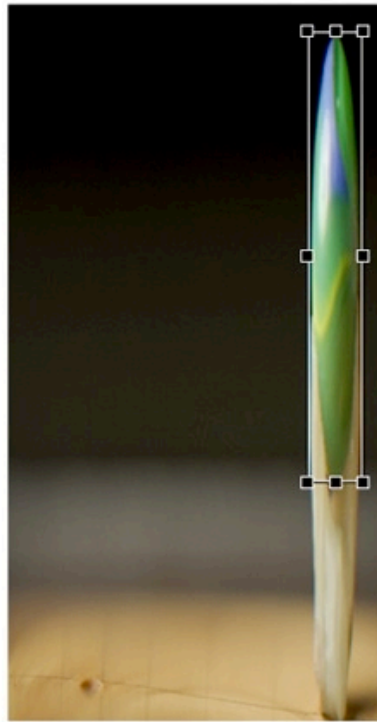
Obj. Circumf. 52.3598 Image Height 72

Return

Return After Scan







67%

1.61 x 12.63 Inches at 300.00 pixels per in.

Scan Area Resolution File Size: 5.26 MB  
10% 100% Model Super6k  
65535 MB Free

Line Time ISO 13.44 V  
1/120 s 207

CloseUp\_047

Fast Prescan 00:10 00:04  
 Crop Prescan  
 Super  View

Prescan Scan

Size Color Tone Focus Pano

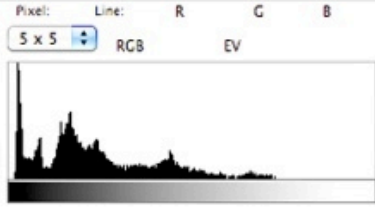
Scene Rollout Object

Object Height 100 mm  Use Crop  
Object Diameter 50 mm

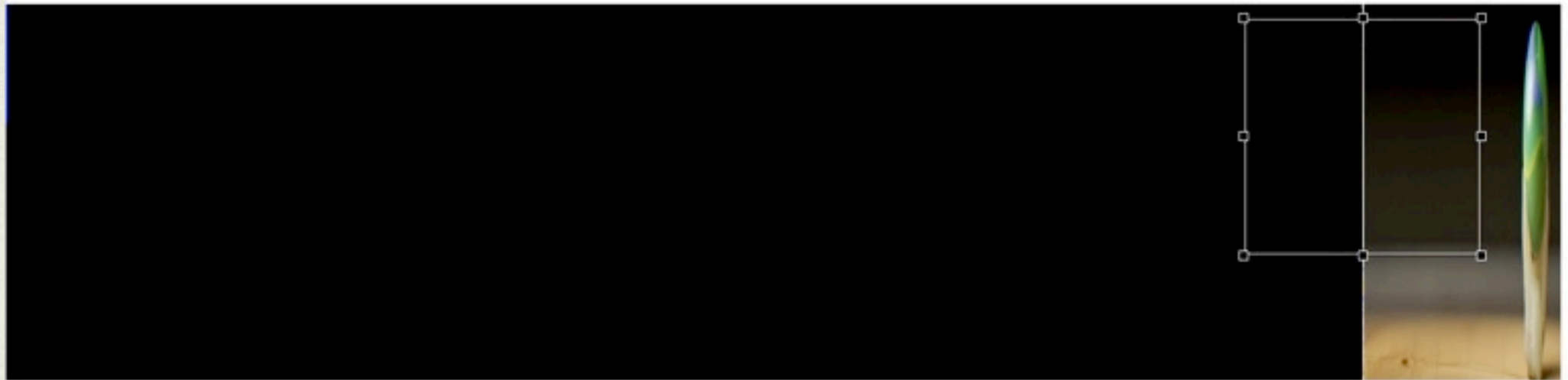
Preview Extent 120 \*  
Obj. Circumf. 52.3598 Image Height ?

Return

Return After Scan More Room







46%

12.64 x 12.64 inches at 300.00 pixels per in.

Scan Area 10% Resolution 100% File Size: 41.14 MB Model Super6k 65535 MB Free

Line Time 1/120 s ISO 207

CloseUp\_047

Fast Prescan 00:26 00:31

Crop Prescan

Super  View

Calibrating...

Cancel Scan

Size Color Tone Focus Pano

Scene Rollout Object

Object Height 100 mm  Use Crop

Object Diameter 394.37124 mm ft: 141.9

Preview Extent 120 \*

Obj. Circumf. 412.984 Image Height 72

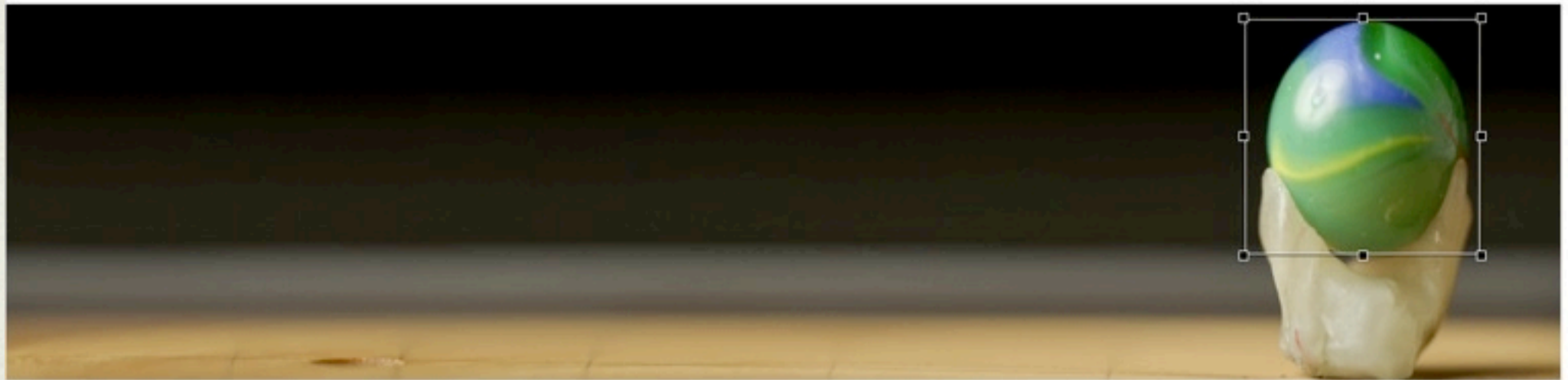
Return

Return After Scan More Room

Pixel: Line R C B

5 x 5 RGB EV





46%

12.64 x 12.64 inches at 300.00 pixels per in.

Scan Area 10% Resolution 100% File Size: 41.14 MB Model Super6k 65535 MB Free

Line Time 1/120 s ISO 207

CloseUp\_047

Fast Prescan 00:26 00:31  
 Crop Prescan  
 Super  View

Size Color Tone Focus **Pano**

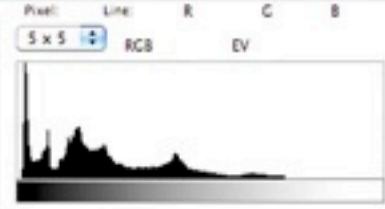
Scene **Rollout** Object

Object Height 100 mm  Use Crop  
Object Diameter 394.37124 mm ft: 141.9  
Preview Extent 120

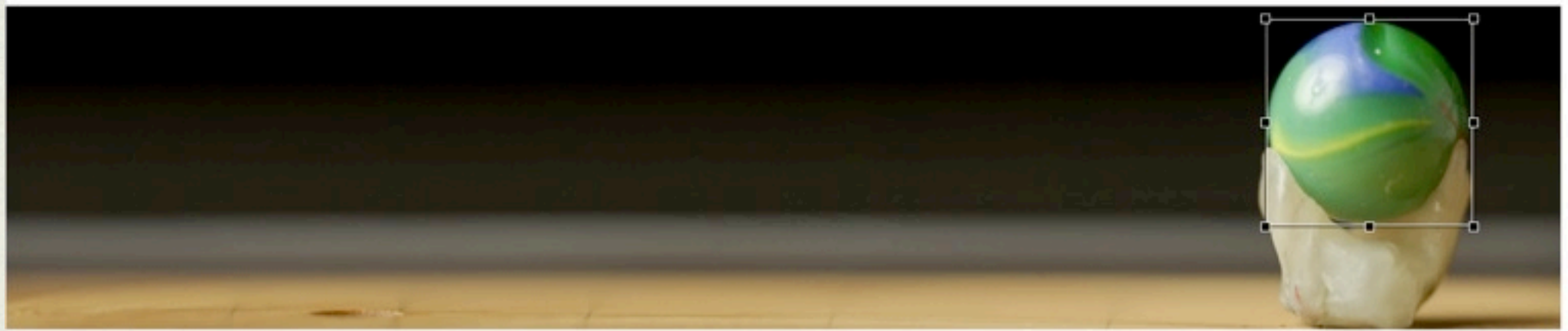
Obj. Circumf. 412.984 Image Height 72

Return

Return After Scan







39%

12.93 x 12.93 inches at 300.00 pixels per in.

Scan Area 9% Resolution 100% File Size: 43.07 MB Model Super6k 65535 MB Free

Line Time 1/120 s ISO 207

CloseUp\_047

Fast Prescan 00:30 00:32  
 Crop Prescan  
 Super  View

Positioning camera...

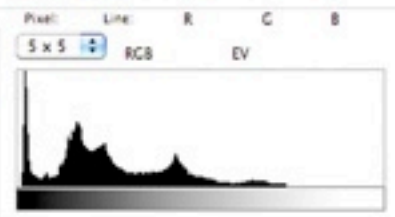
Size Color Tone Focus **Pano**

Scene **Rollout** Object

Object Height 100 mm  Use Crop ft: 165.1  
Object Diameter 458.62564 mm  
Preview Extent 120  
Obj. Circumf. 480.271 Image Height 72

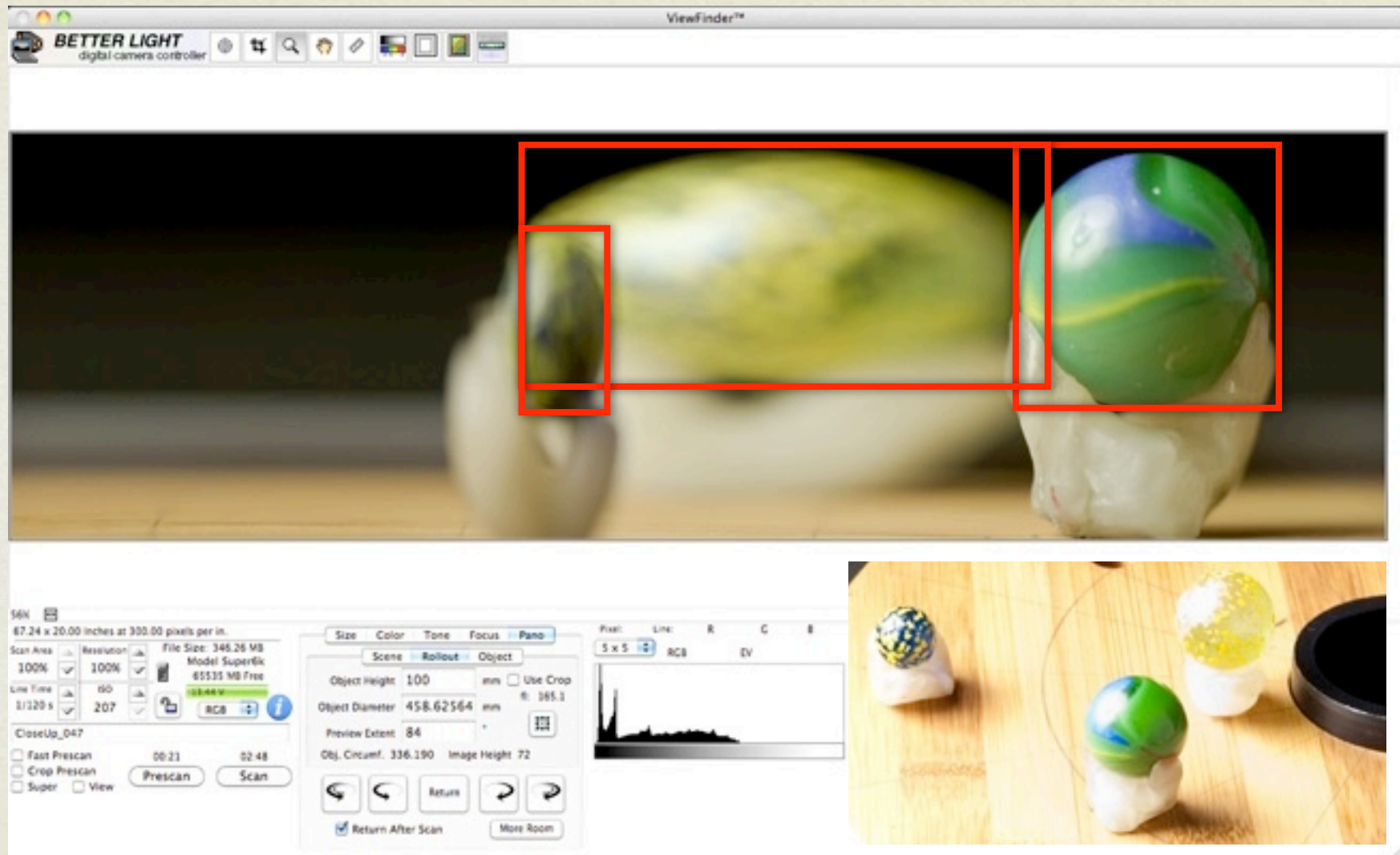
Return

Return After Scan





# DISTORTIONS OUTSIDE OF THE “FOCAL LINE”

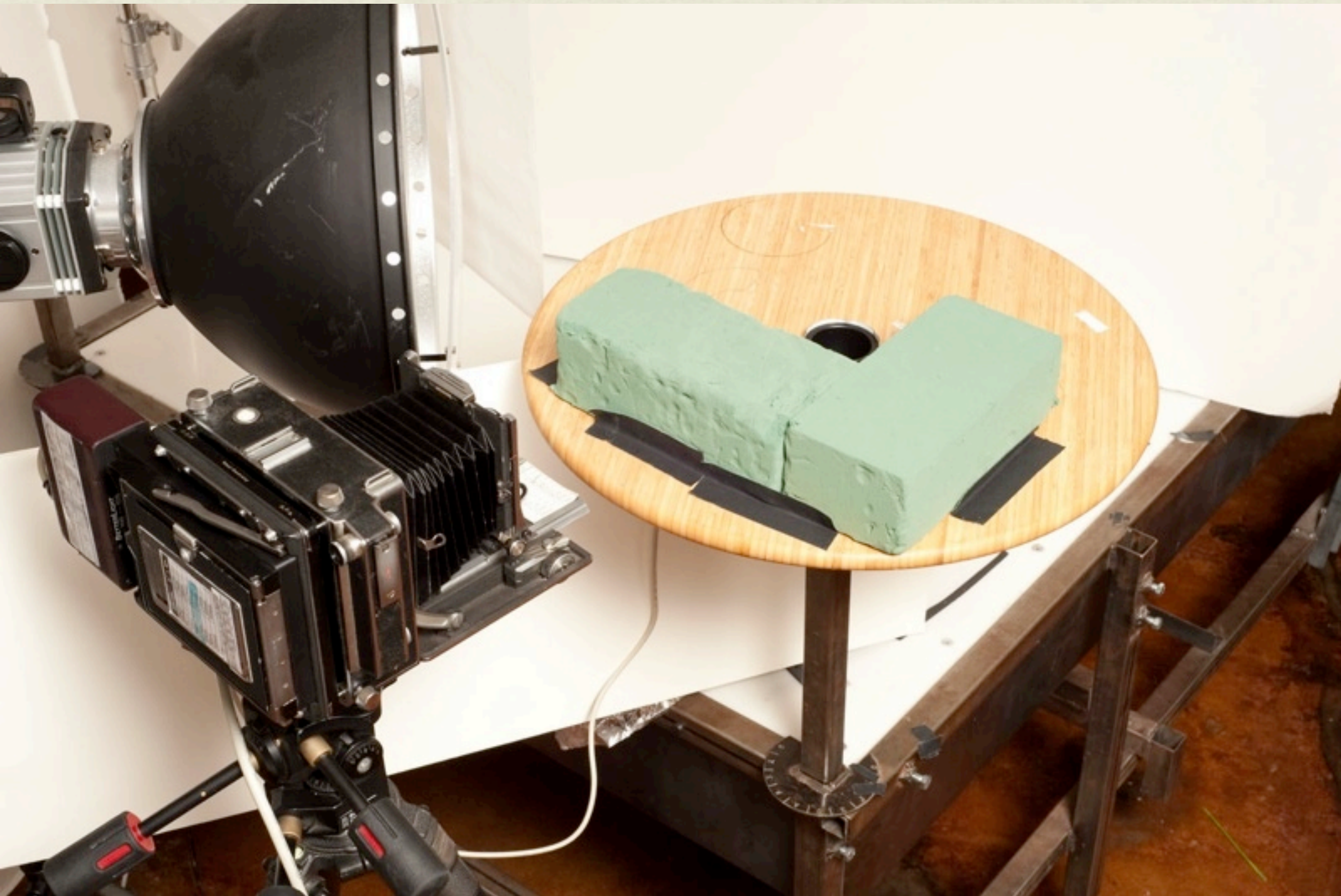




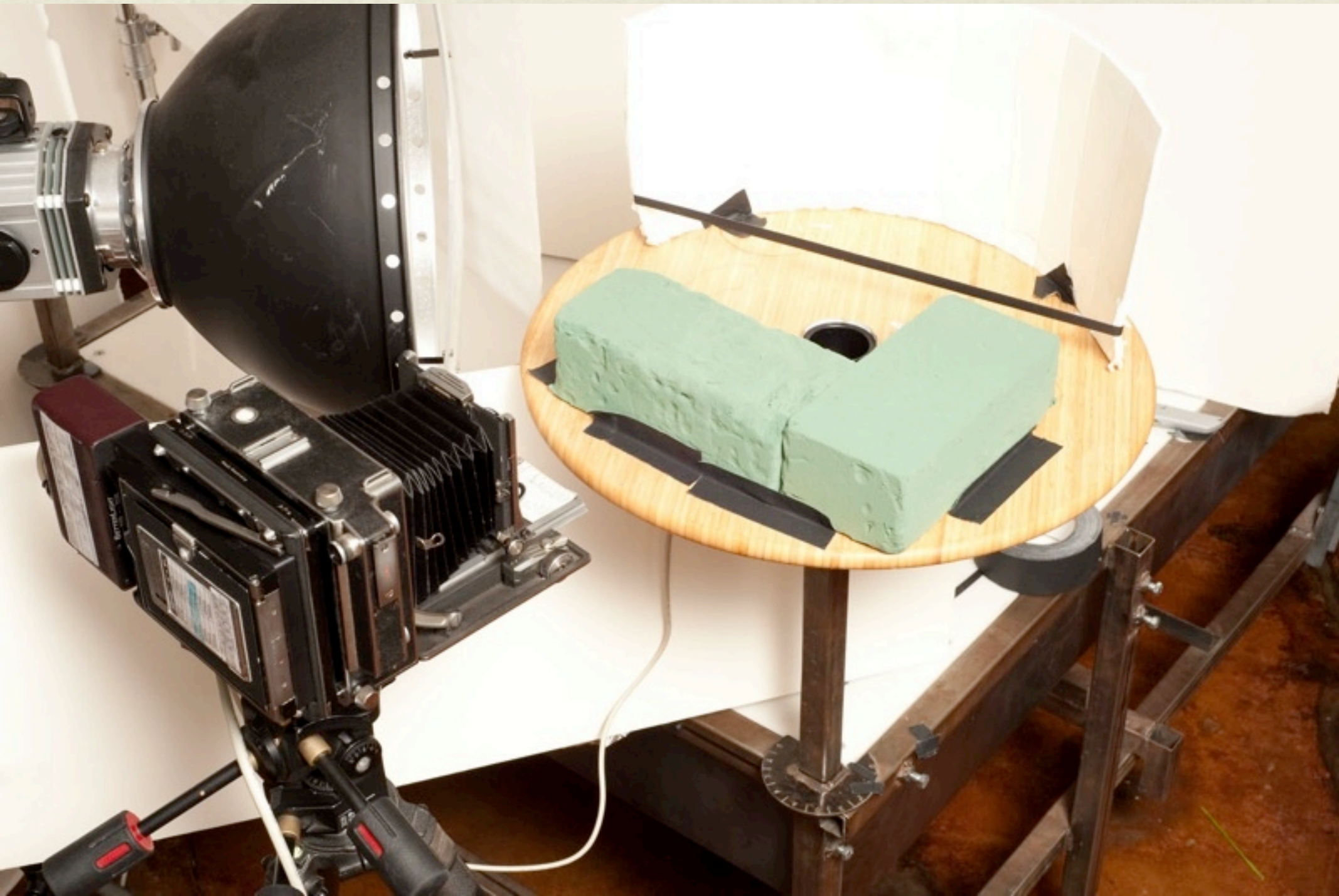
# BUILDING THE SET



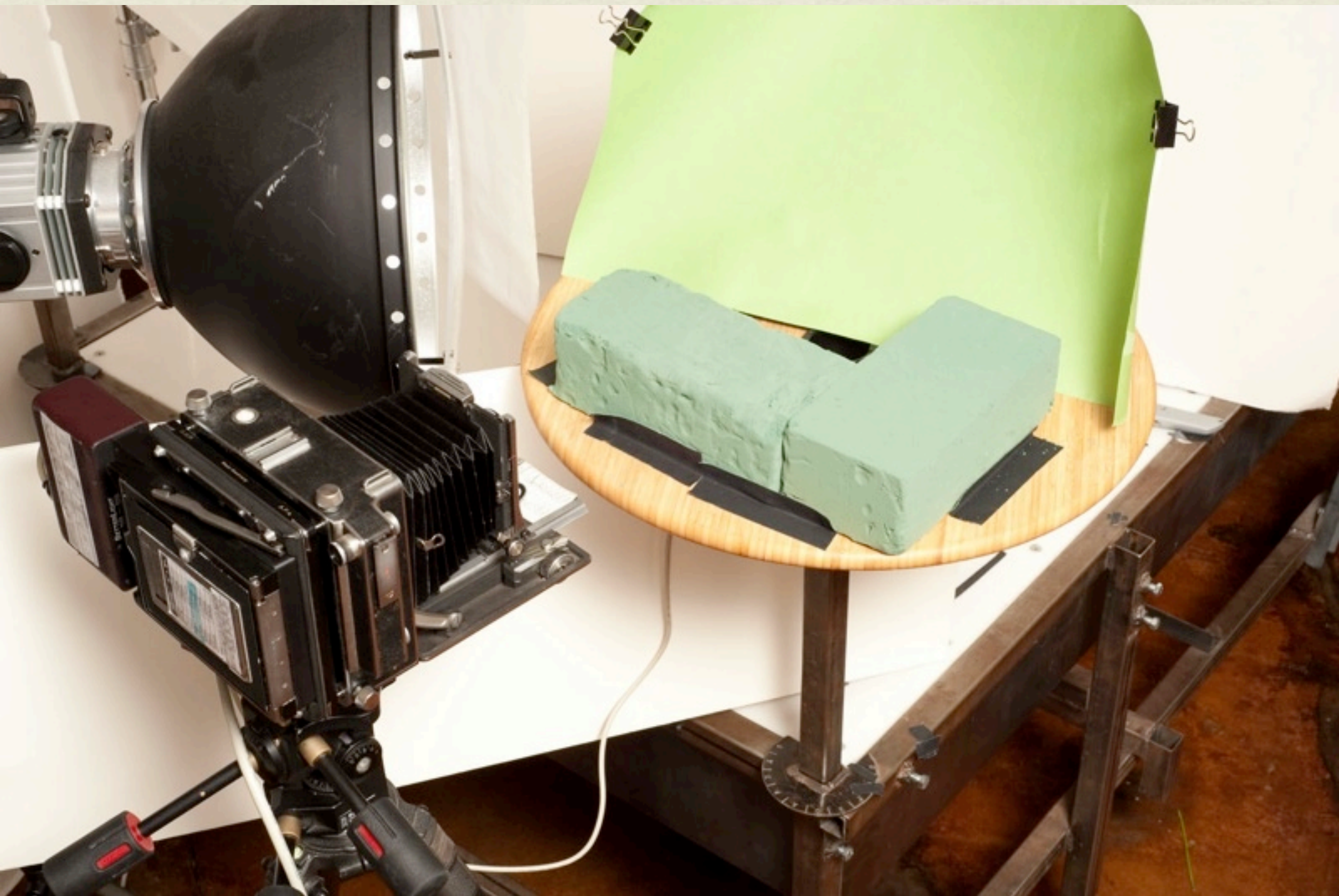












































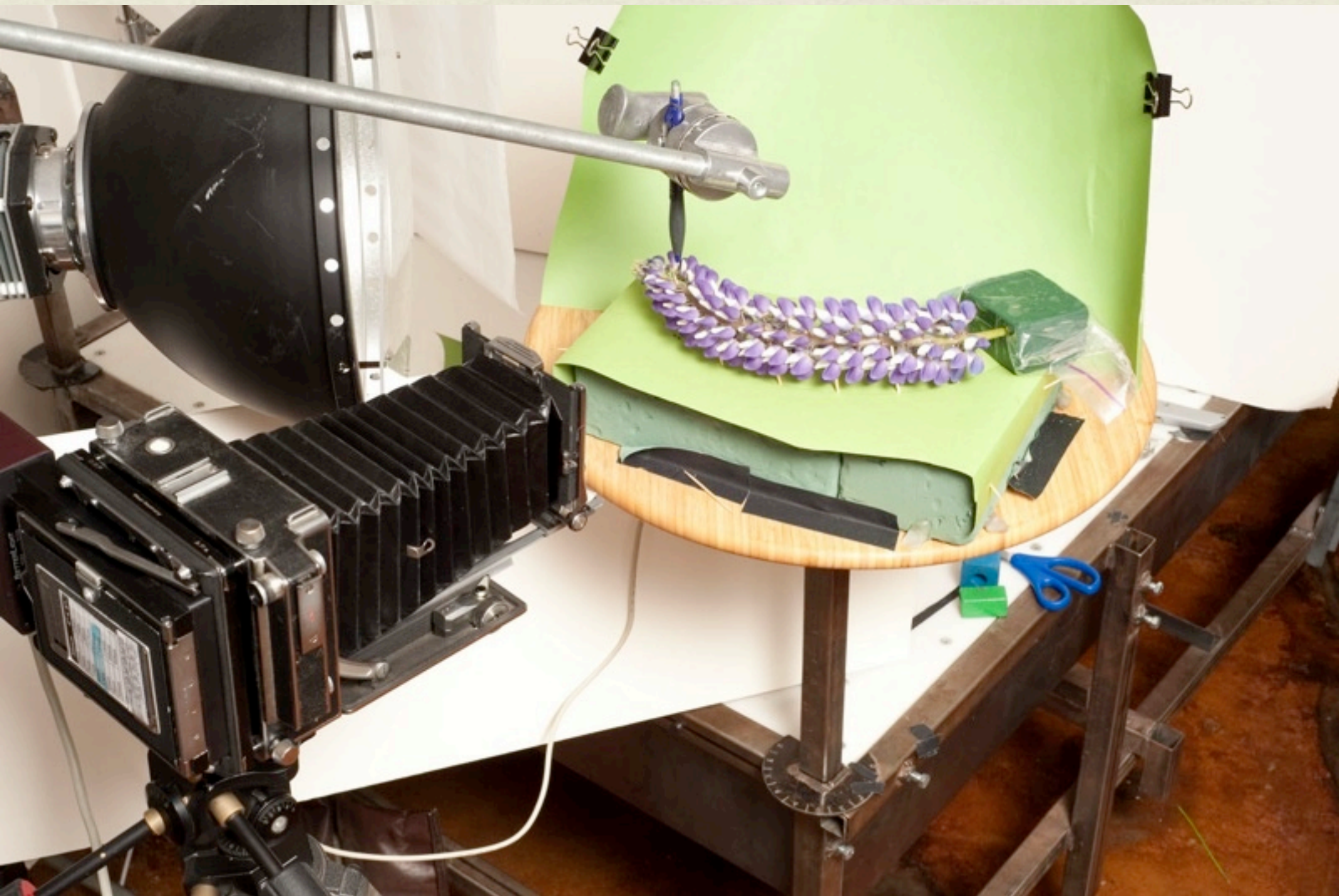














BETTER LIGHT  
digital camera controller



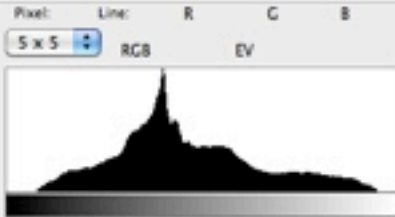
5.51 x 20.00 inches at 300.00 pixels per in.

Area: 100% Resolution: 100% File Size: 749.34 MB  
 Model Super6k 53116 MB Free  
 Time: 1/60 s ISO: 599 13.45 V  
 RGB [Info]

Fast Prescan 00:24 00:21  
 Crop Prescan [Prescan] [Cancel]  
 Super [View] Scanning, line : 42432

Size Color Tone Focus Pano  
 Scene Rollout Object  
 Object Height 100 mm  Use Crop  
 Object Diameter 694.75640 mm ft: 250.1  
 Preview Extent 120 \* [Info]  
 Obj. Circumf. 727.547 Image Height 72

[Rotate] [Return] [More Room]  
 Return After Scan







# MACRO PANOS

Subject on focal arch of a circle

Turning the camera instead of the stage

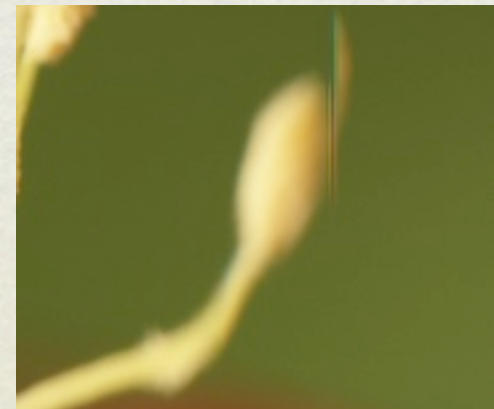
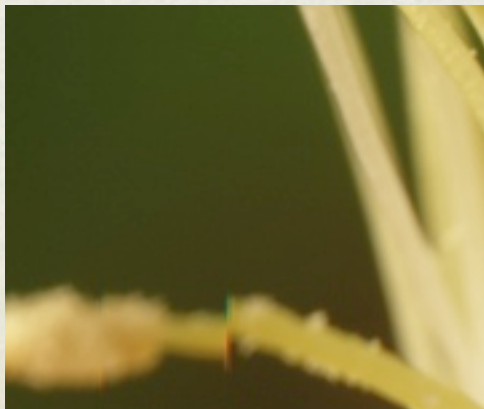




# MACRO PANOS

Subject on focal arch of a circle

## Macro Pano Challenges





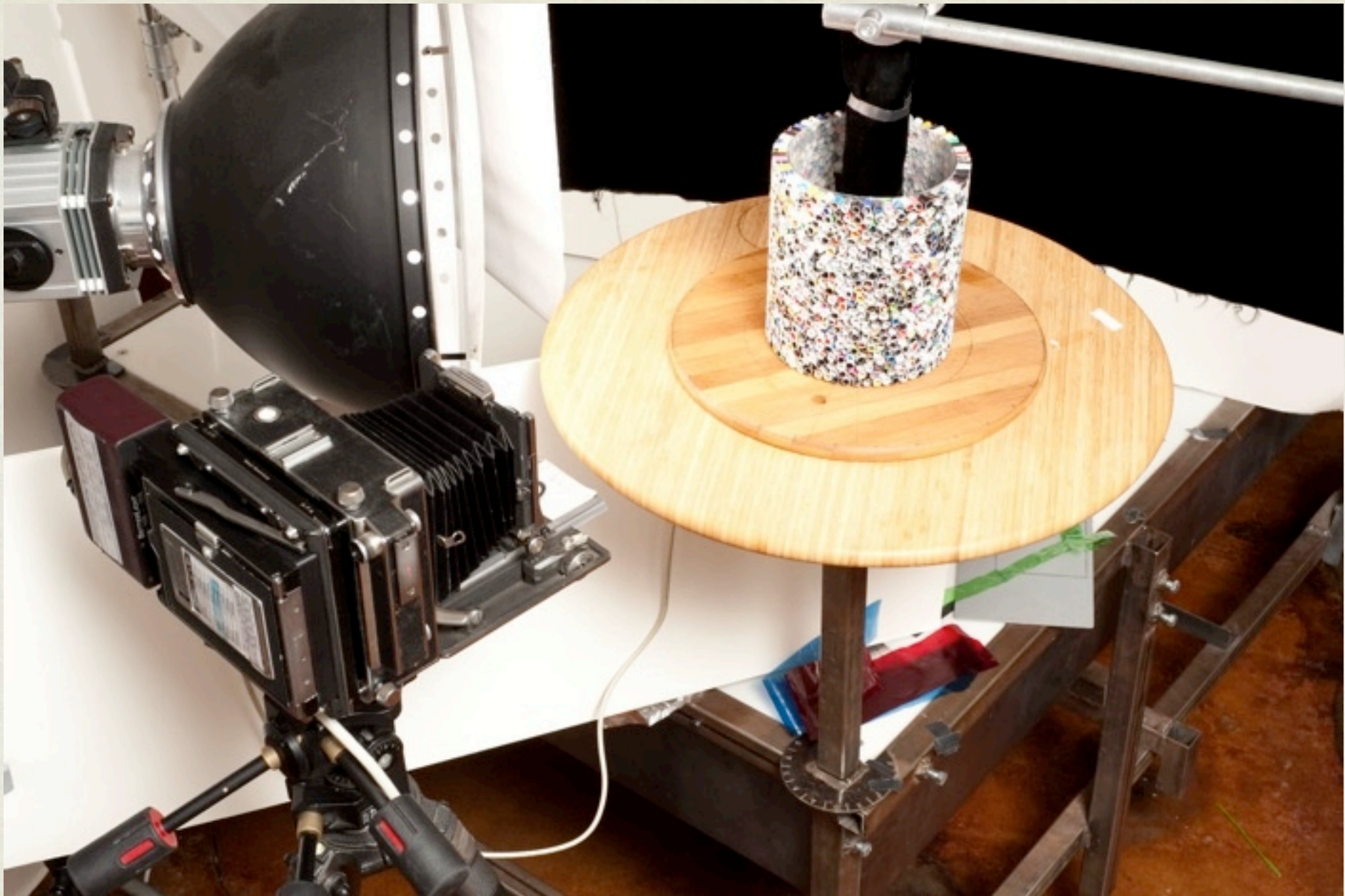
# ROLLOUTS

Unwrapping a cylinder

‘Peeling’ the skin off







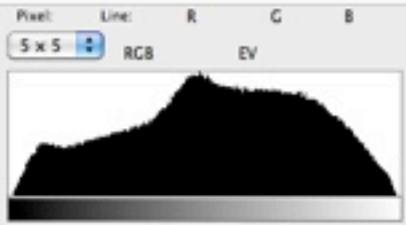


BETTER LIGHT digital camera controller



74K  
34.90 x 20.00 inches at 300.00 pixels per in.  
Scan Area 100% Resolution 100% File Size: 179.75 MB  
Model Super6k 62796 MB Free  
Line Time 1/60 s ISO 522  
CloseUp\_073  
Fast Prescan 00:33 02:54  
Crop Prescan  
Super View Prescan Scan

Size Color Tone Focus Pano  
Scene Rollout Object  
Object Height 100 mm Use Crop  
Object Diameter 50 mm ft: 18.00  
Preview Extent 400  
Obj. Circumf. 174.532 Image Height 72  
Return After Scan More Room



ViewFinder Mac 7.4.4







BETTER LIGHT digital camera controller



74K

34.90 x 20.00 Inches at 300.00 pixels per in.

Scan Area 100% Resolution 100% File Size: 179.75 MB Model Super6k 62796 MB Free 33.44 V

Line Time 1/60 s ISO 522

CloseUp\_073

Fast Prescan 00:33 02:54

Crop Prescan

Super View

Prescan Scan

Size Color Tone Focus Pano

Scene Rollout Object

Object Height 100 mm Use Crop ft: 18.00

Object Diameter 50 mm

Preview Extent 400

Obj. Circumf. 174.532 Image Height 72

Return After Scan

More Room

Pixel: Line: R G B

5 x 5 RGB EV

ViewFinder Mac 7.4.4



BETTER LIGHT digital camera controller



74K

3.25 x 7.93 inches at 300.00 pixels per in.

Scan Area 4% Resolution 100% File Size: 6.64 MB Model Super6k 62796 MB Free 33.44 V

Line Time 1/60 s ISO 522

CloseUp\_073

Fast Prescan 00:33 00:16

Crop Prescan

Super View

Prescan Scan

Size Color Tone Focus Pano

Scene Rollout Object

Object Height 100 mm Use Crop

Object Diameter 50 mm ft: 18.00

Preview Extent 400 \*

Obj. Circumf. 174.532 Image Height 72

Pixel: 620 Line: 63

5 x 5 RGB

Return After Scan More Room







44K

7.34 x 7.95 Inches at 300.00 pixels per in.

Scan Area Resolution File Size: 15.03 MB  
 3% 100% Model Super6k  
 62796 MB Free

Line Time ISO 33.45 V  
 1/60 s 522

CloseUp\_073

Fast Prescan 00:53 00:36  
 Crop Prescan  
 Super  View

Prescan Scan

Size Color Tone Focus Pano

Scene Rollout Object

Object Height 100 mm  Use Crop  
 Object Diameter 122.04949 mm fl: 43.94  
 Preview Extent 400 \*

Obj. Circumf. 426.033 Image Height 72

Return

Return After Scan More Room

Pixel: Line: R G B

5 x 5 RGB EV





44% 7.34 x 7.95 Inches at 300.00 pixels per in.

Scan Area 3% Resolution 100% File Size: 15.03 MB  
Model Super6k 62796 MB Free  
Line Time 1/60 s ISO 522 13.44 V

CloseUp\_073

Fast Prescan 00:53 00:36  
 Crop Prescan  
 Super  View

Prescan Scan

Size Color Tone Focus Pano

Scene Rollout Object

Object Height 100 mm  Use Crop  
Object Diameter 122.04949 mm fl: 43.94  
Preview Extent 400

Obj, Circumf. 426.033 Image Height 72

Return After Scan More Room

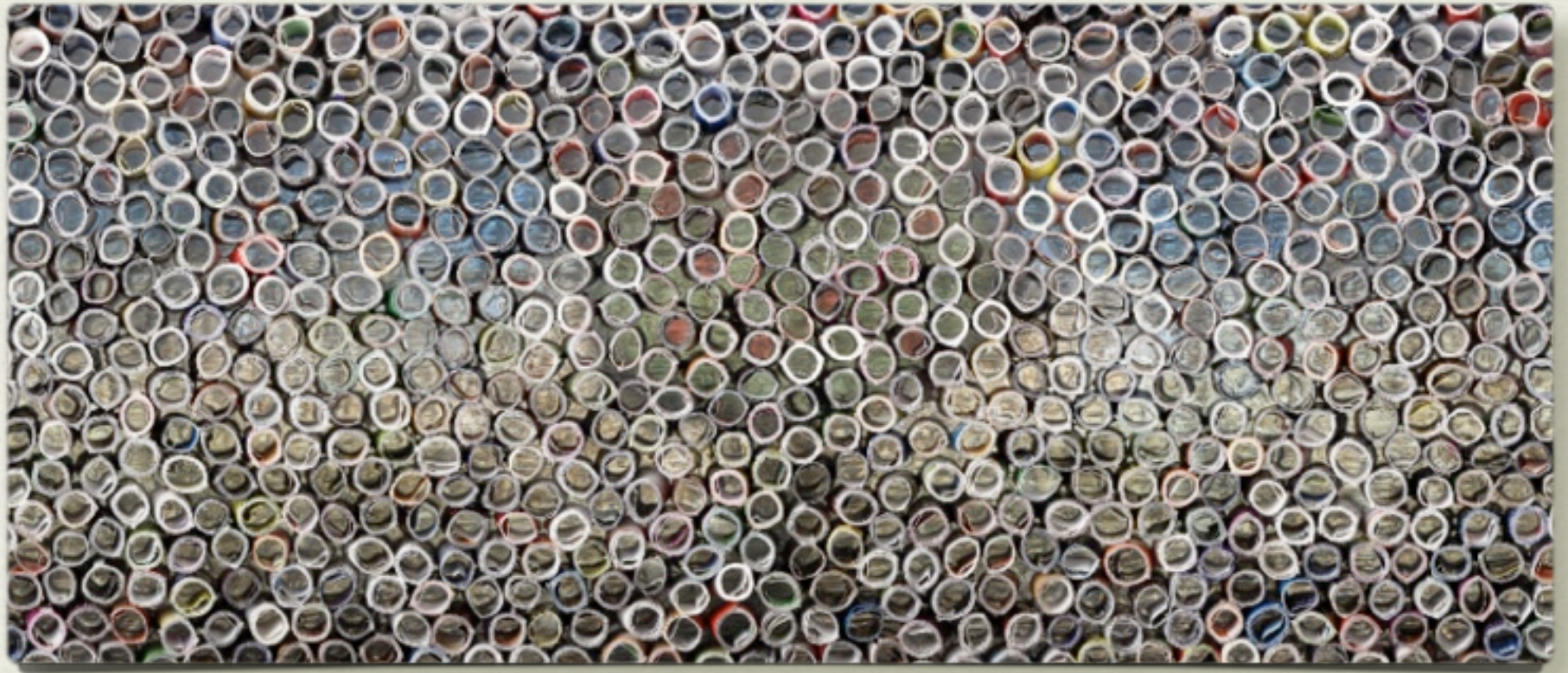
Pixel:396 Line:574 R 168 G 156 B 139

5 x 5 RGB 154 EV 1.89













44K

85.20 x 20.00 Inches at 300.00 pixels per in.

Scan Area 100% Resolution 100% File Size: 438.78 MB  
Model Super6k 53996 MB Free

Line Time 1/60 s ISO 522 33.46 V

CloseUp\_083

Fast Prescan 00:53 07:06  
Crop Prescan  
Super View

Prescan Scan

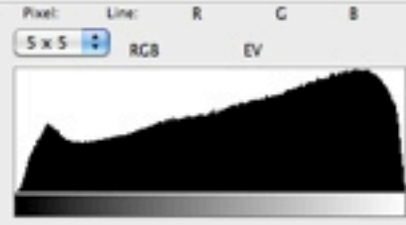
Size Color Tone Focus Pano

Scene Rollout Object

Object Height 100 mm  Use Crop  
Object Diameter 122.04949 mm fl: 43.94  
Preview Extent 400

Obj. Circumf. 426.033 Image Height 72

Return After Scan More Room







44K

85.20 x 20.00 Inches at 300.00 pixels per in.

Scan Area 100% Resolution 100% File Size: 438.78 MB  
Model Super6k 62796 MB Free

Line Time 1/60 s ISO 522 33.45 V

CloseUp\_073

Fast Prescan 00:53 07:06  
Crop Prescan  
Super View

Prescan Scan

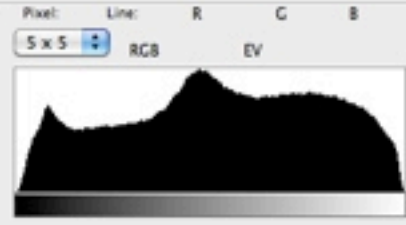
Size Color Tone Focus Pano

Scene Rollout Object

Object Height 100 mm  Use Crop  
Object Diameter 122.04949 mm fl: 43.94  
Preview Extent 400

Obj. Circumf. 426.033 Image Height 72

Return After Scan More Room







44K

85.20 x 20.00 Inches at 300.00 pixels per in.

Scan Area Resolution File Size: 438.78 MB  
 100% 100% Model Super6k  
 61036 MB Free

Line Time ISO 33.44 V

1/60 s 522

CloseUp\_075

Fast Prescan 00:53 07:06  
 Crop Prescan   
 Super  View

Size Color Tone Focus Pano

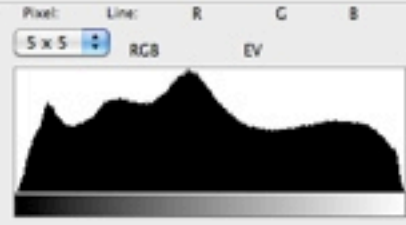
Scene Rollout Object

Object Height 100 mm  Use Crop  
 Object Diameter 122.04949 mm fl: 43.94  
 Preview Extent 400 \*

Obj. Circumf. 426.033 Image Height 72

Return

Return After Scan







44K

85.20 x 20.00 Inches at 300.00 pixels per in.

Scan Area Resolution File Size: 438.78 MB  
 100% 100% Model Super6k  
 60156 MB Free

Line Time ISO 33.45 V   
 1/60 s 522

CloseUp\_076

Fast Prescan 00:53 07:06  
 Crop Prescan  
 Super  View

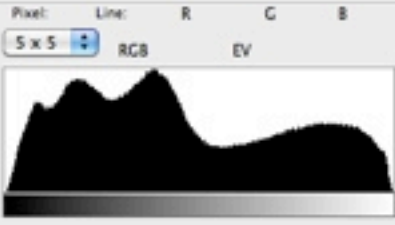
Size Color Tone Focus **Pano**

Scene Rollout Object

Object Height 100 mm  Use Crop  
 Object Diameter 122.04949 mm fl: 43.94  
 Preview Extent 400

Obj. Circumf. 426.033 Image Height 72

Return After Scan



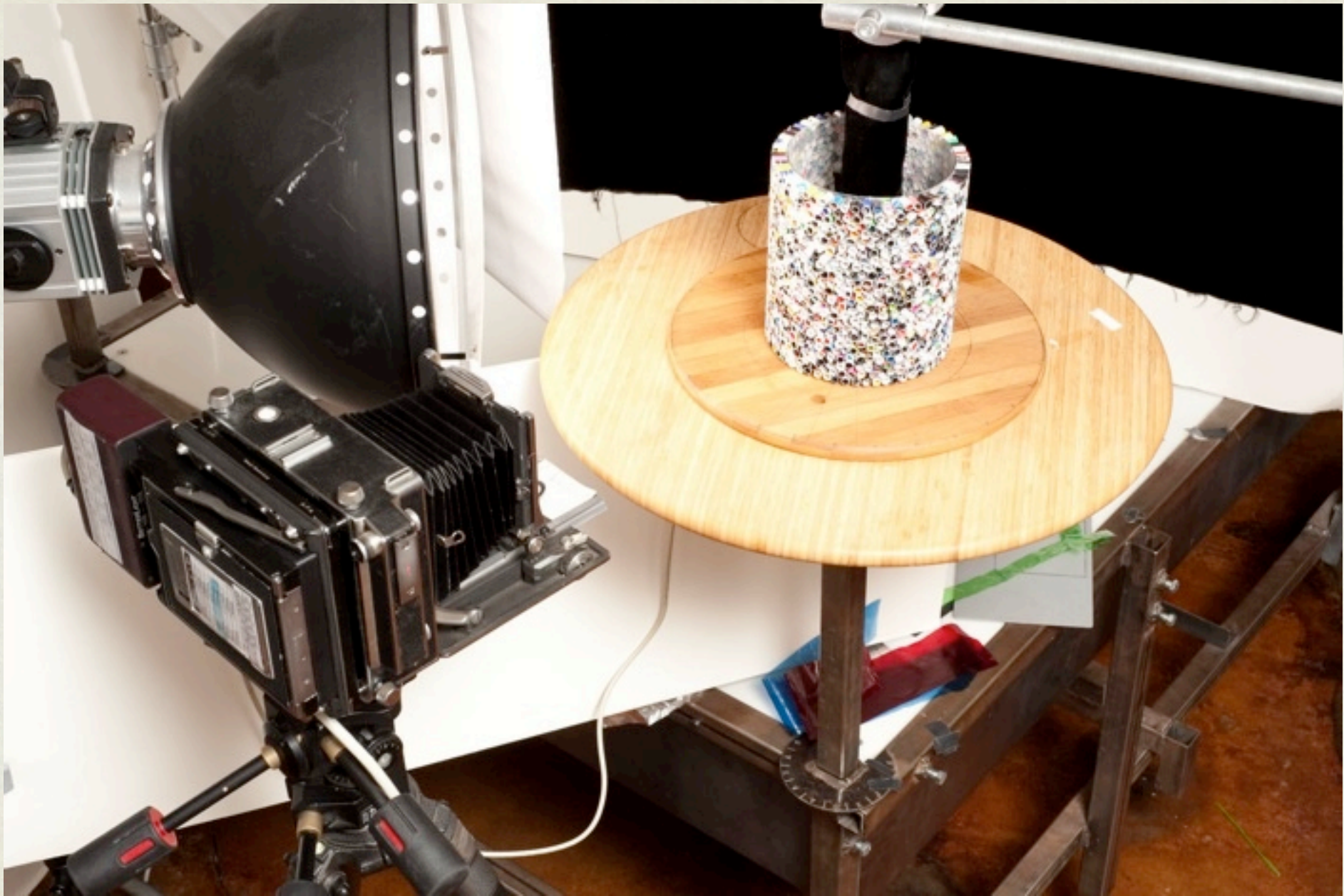




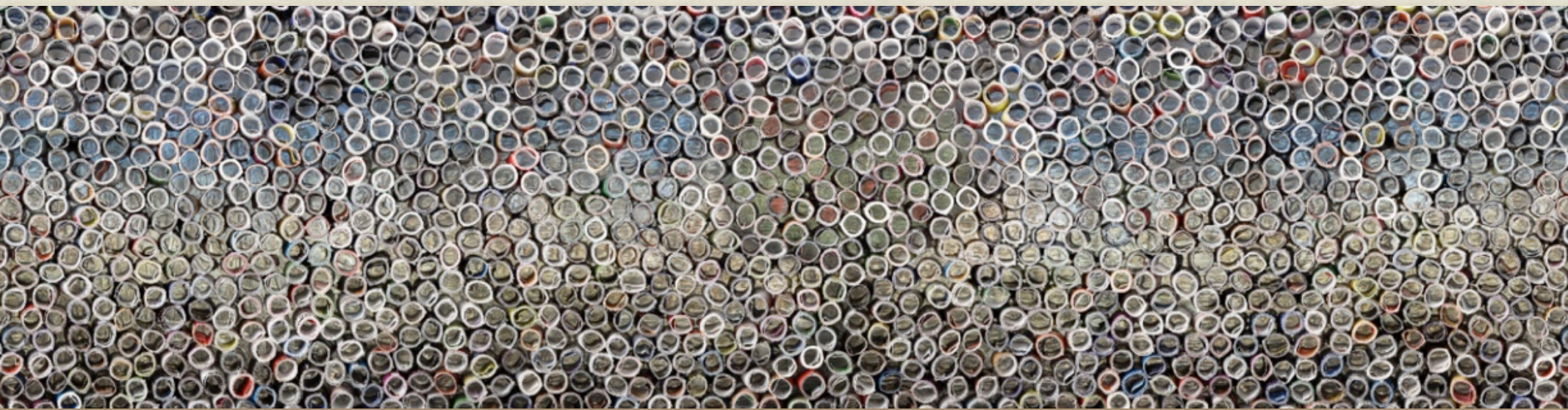
















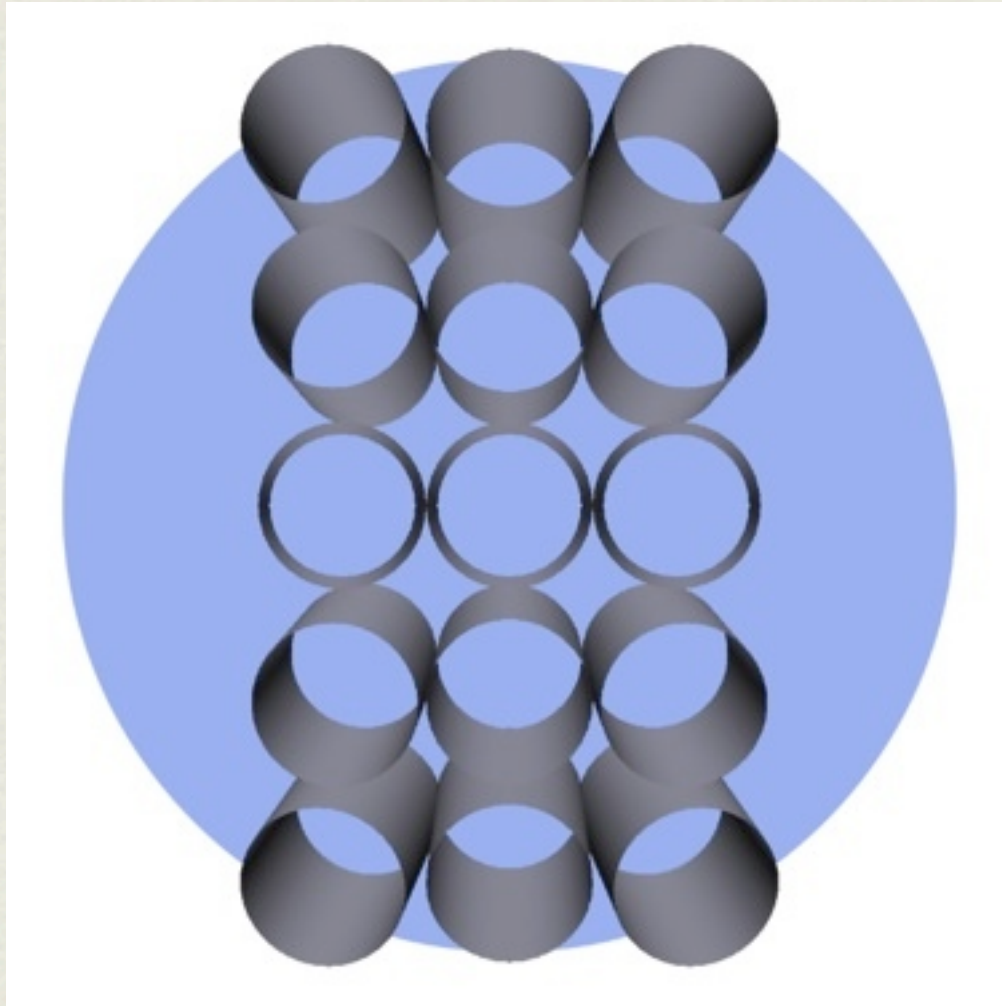
35mm 4" x 5"	
20mm	65mm
24mm	75mm
28mm	90mm
35mm	115mm
45mm	150mm
55mm	180mm
63mm	210mm
80mm	300mm
105mm	360mm

35mm 4" x 5"	
20mm	65mm
24mm	75mm
28mm	90mm
35mm	115mm
45mm	150mm
55mm	180mm
63mm	210mm
80mm	300mm
105mm	360mm

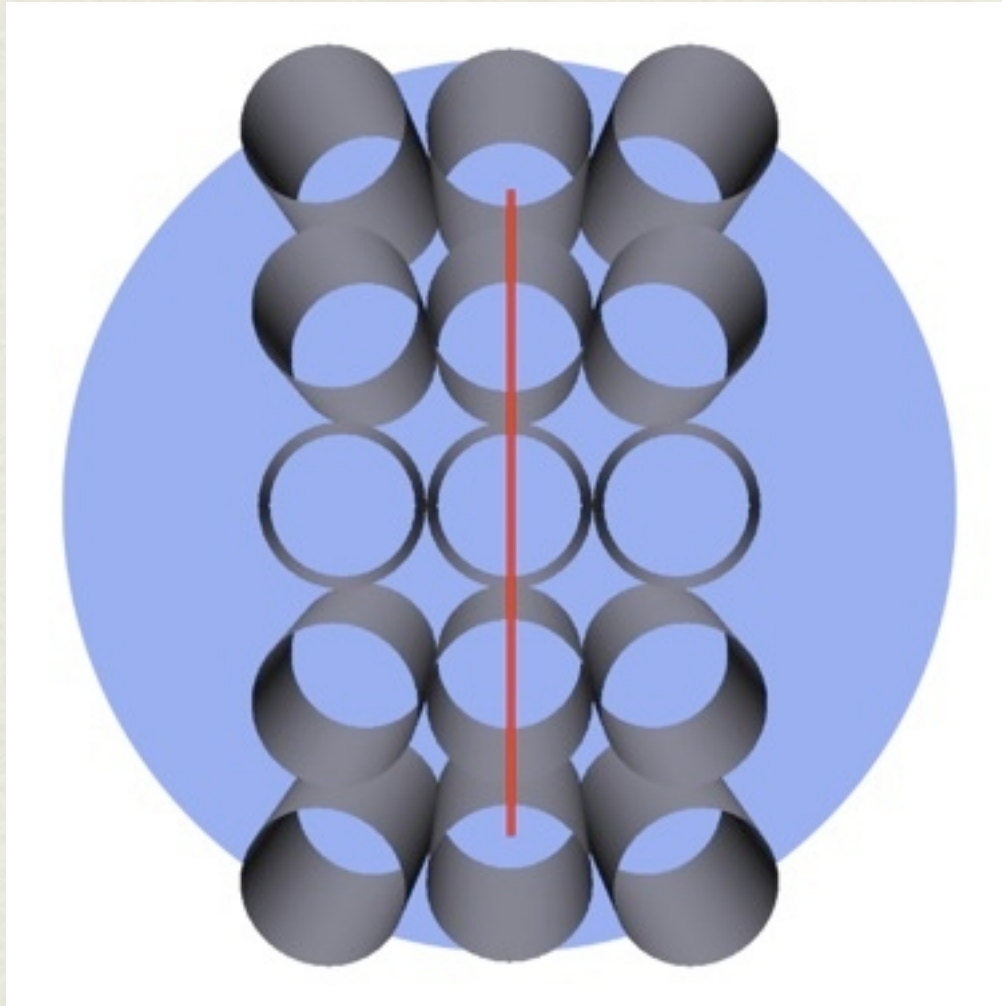




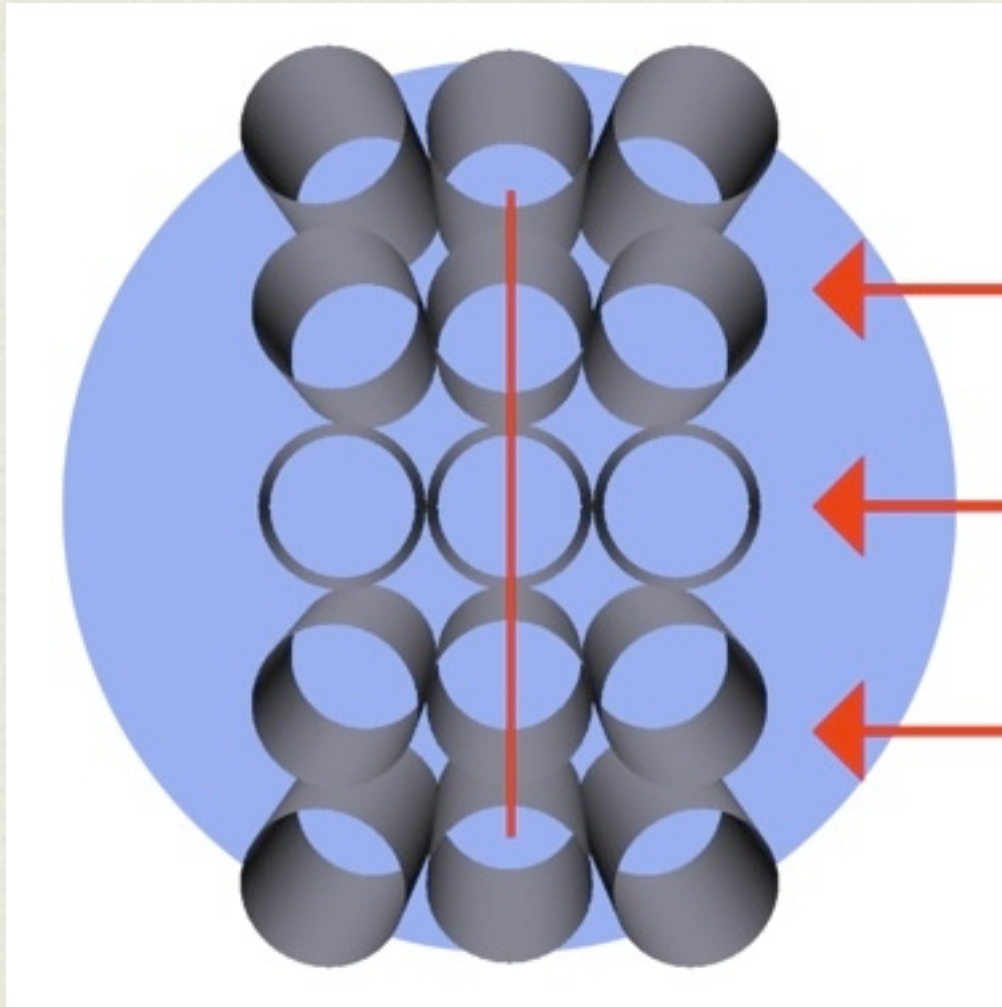




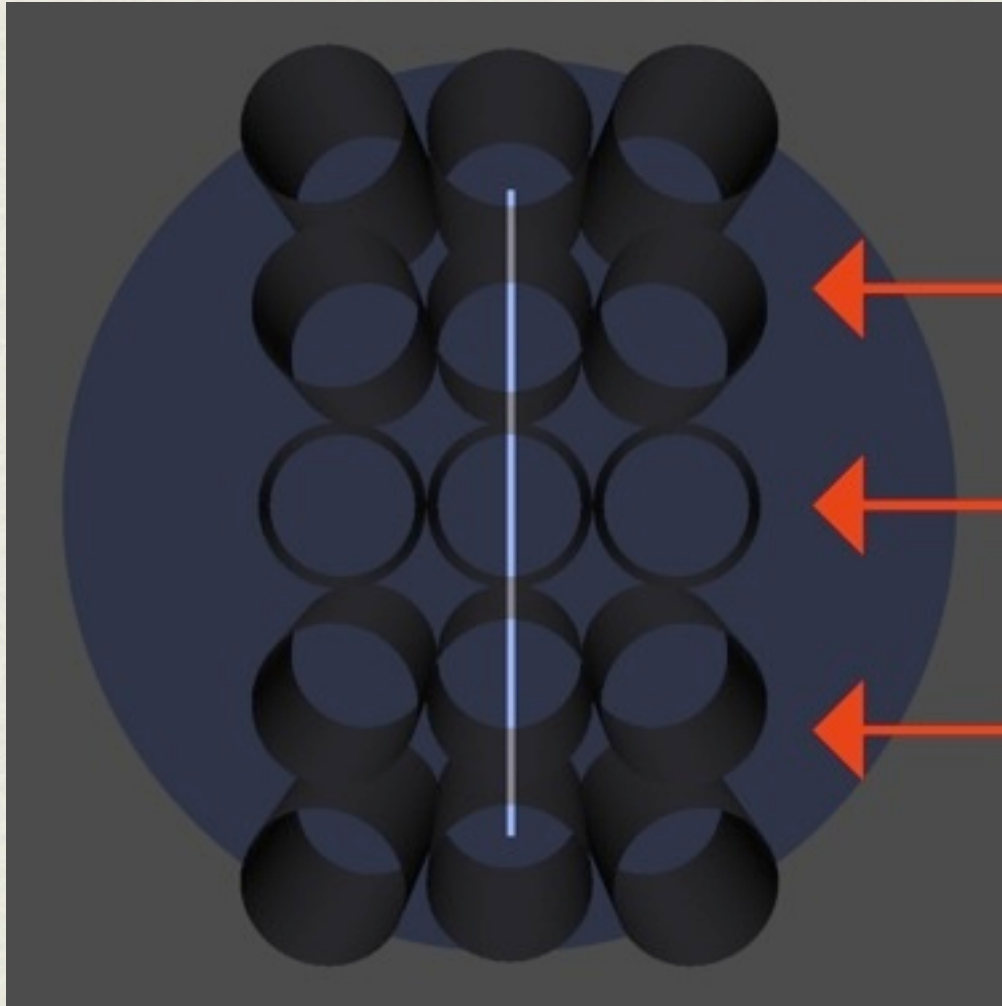




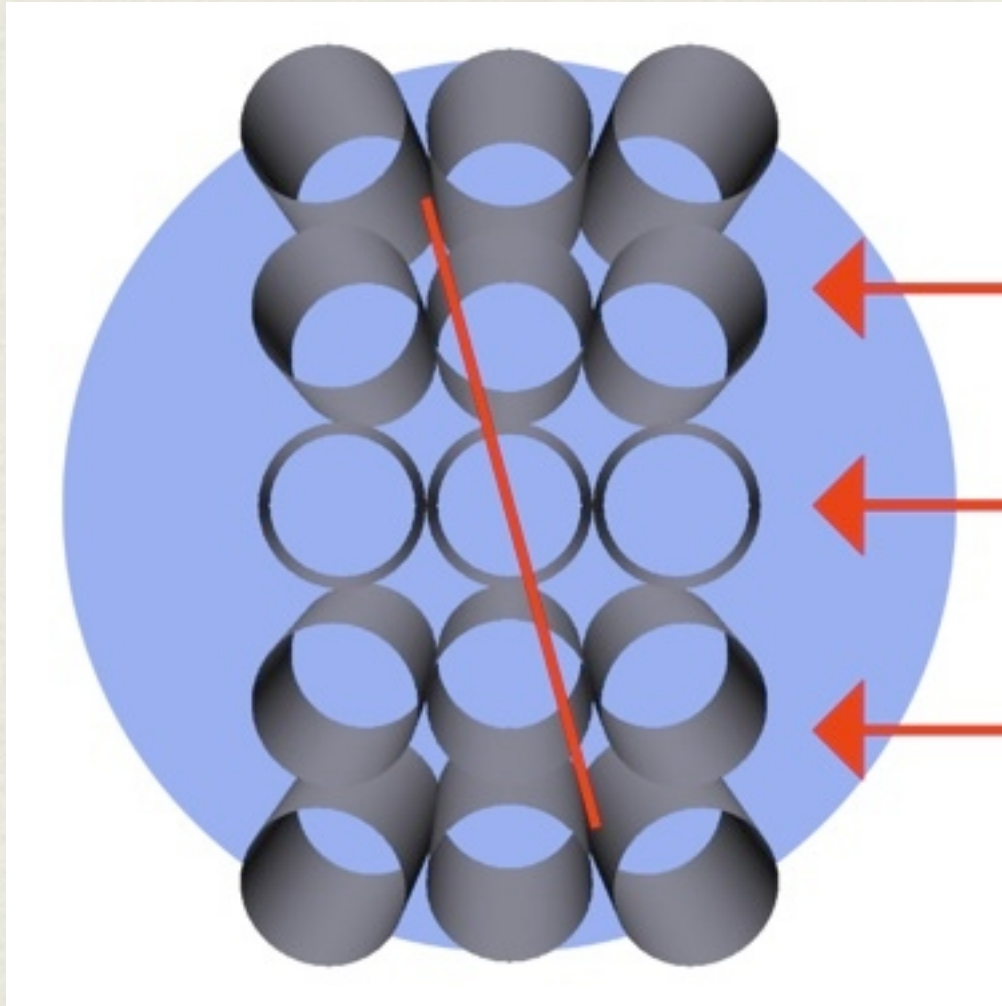




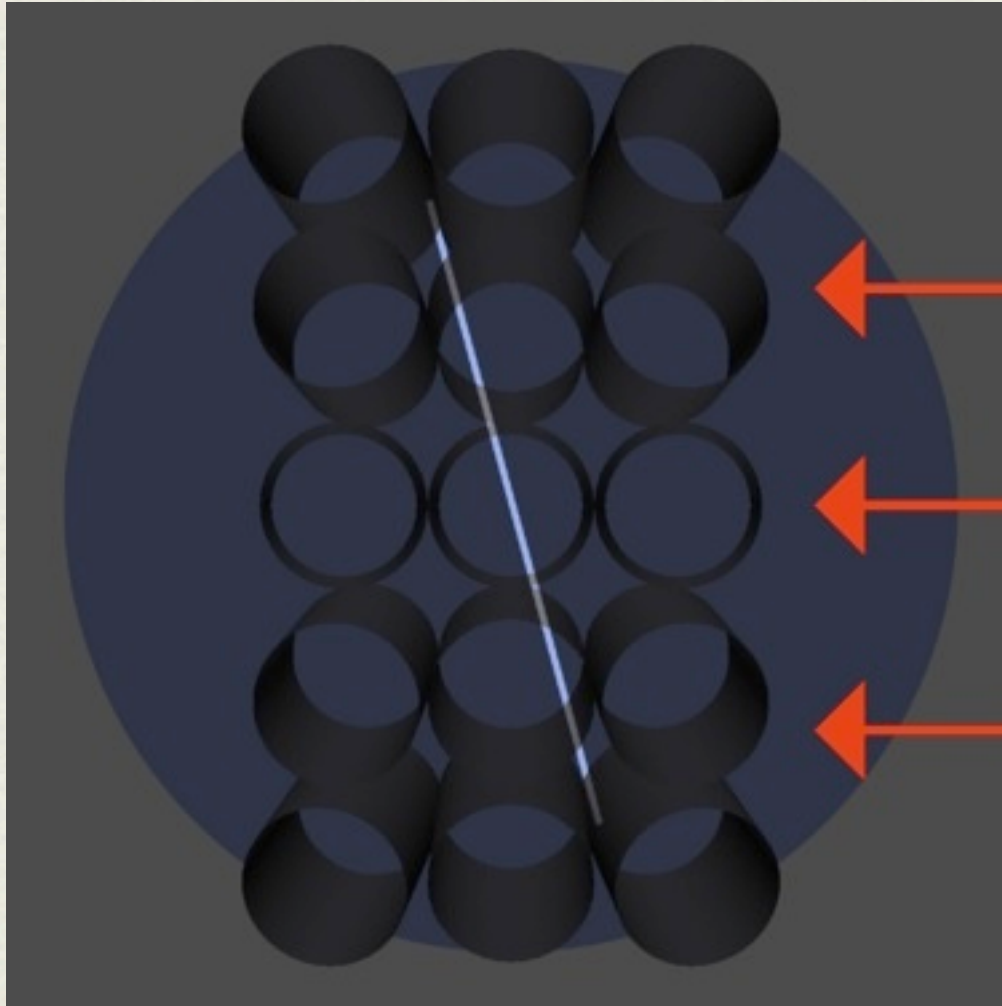




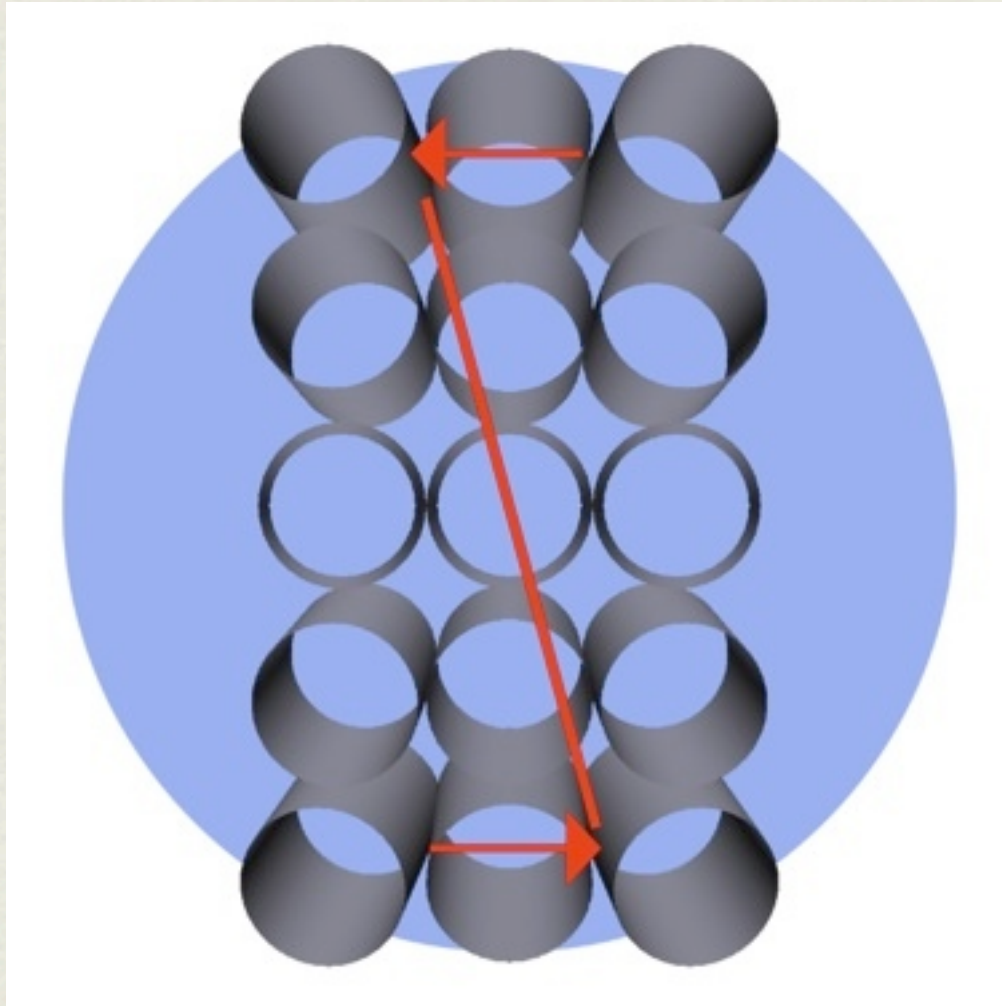
































# DRAGOUTS

Over Head



























































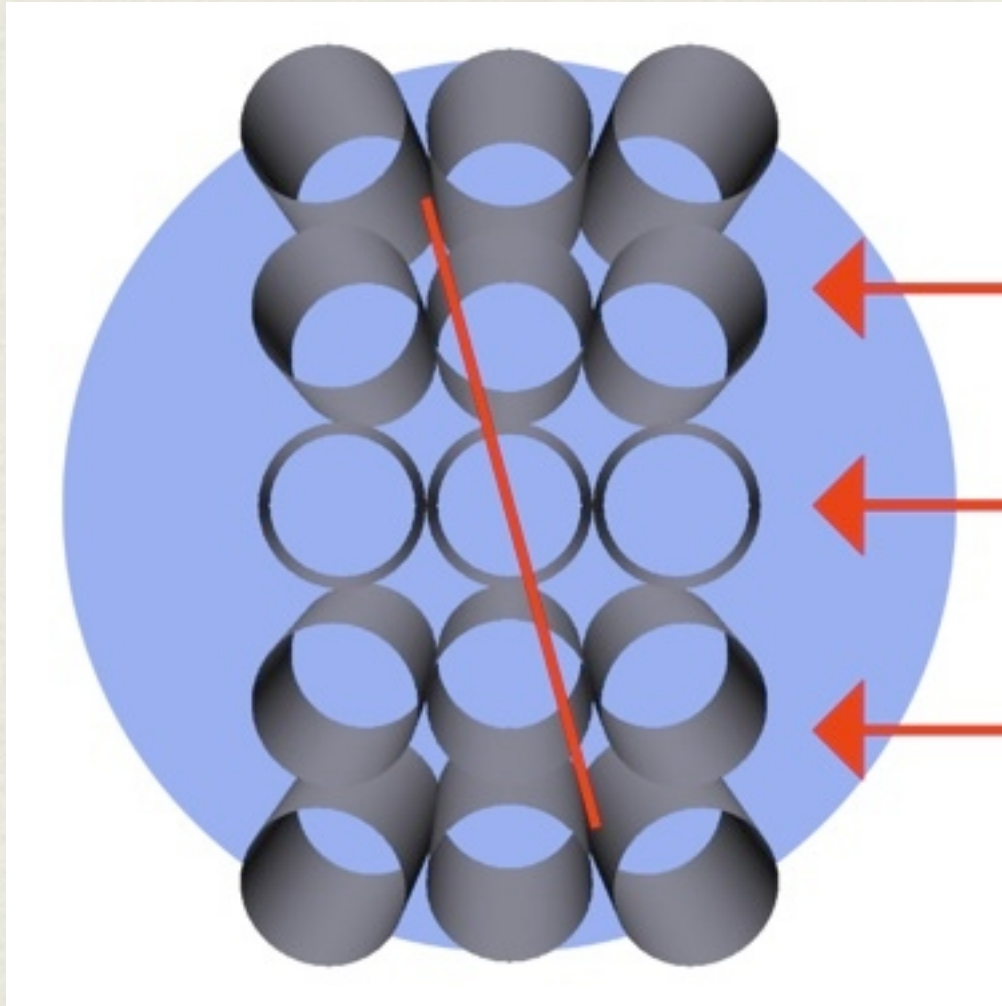












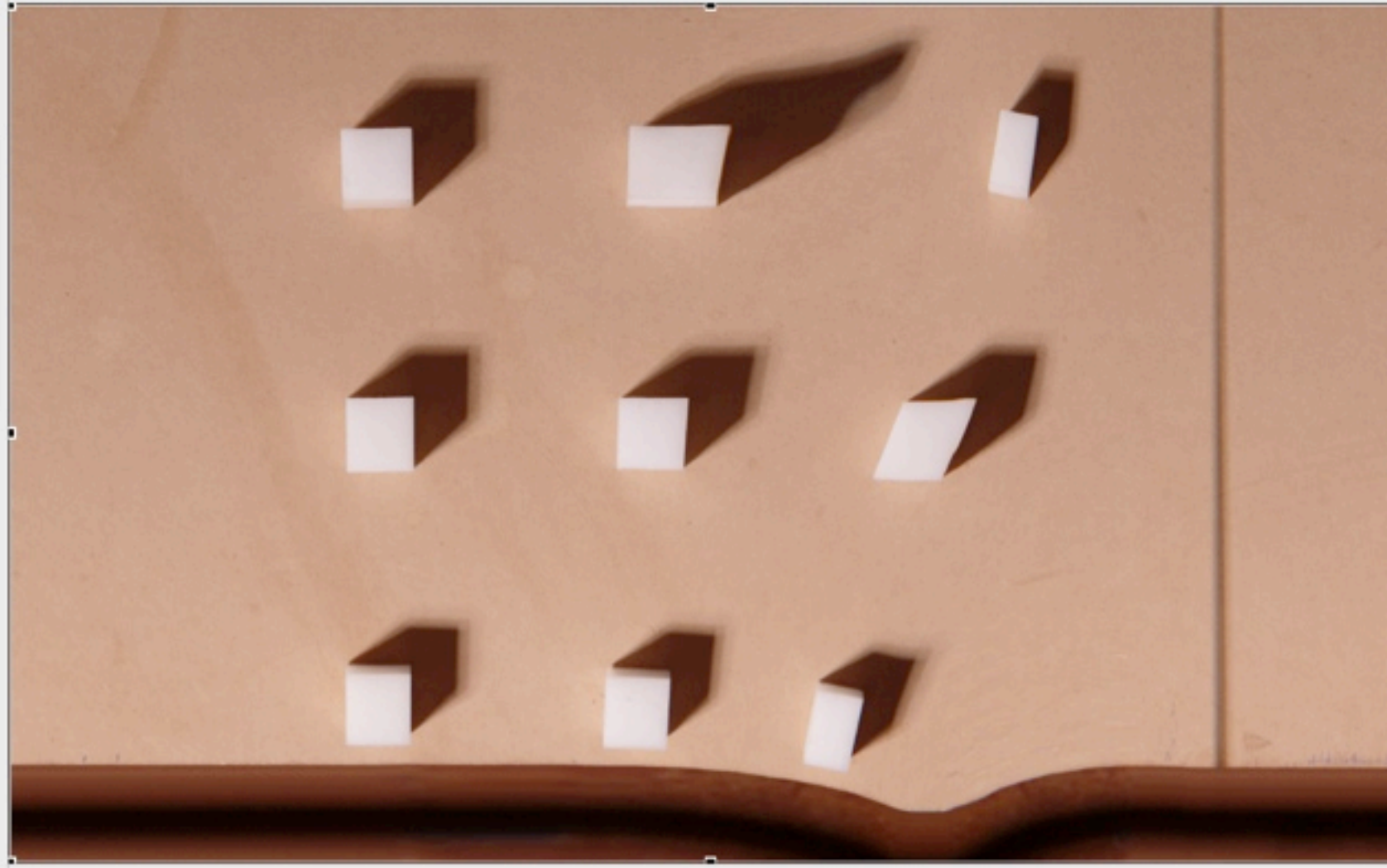
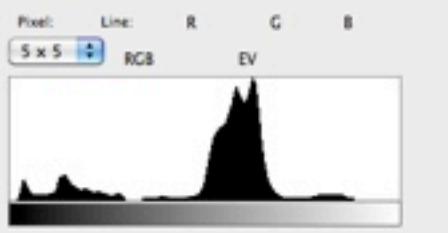


32.62 x 20.00 inches at 300.00 pixels per in.  
Scan Area 100% Resolution 100% File Size: 168.00 MB  
Model Super6k 50132 MB Free  
Line Time 1/12 s ISO 599 13.42 V  
RGB

BETTER LIGHT digital camera controller

CloseUp\_086  
 Fast Prescan 01:42 13:35  
 Crop Prescan  
 Super  View  
Prescan Scan

Size Color Tone Focus Pano  
Scene Rollout Object  
Focal Length 33.64598846 mm  
Preview Extent 200" x 93.87"  
h:v aspect ratio: 1.63 : 1  
Preview Dimensions: 948 lines x 750 pixels  
Scan Extent: 199.99"  
Return After Scan More Room





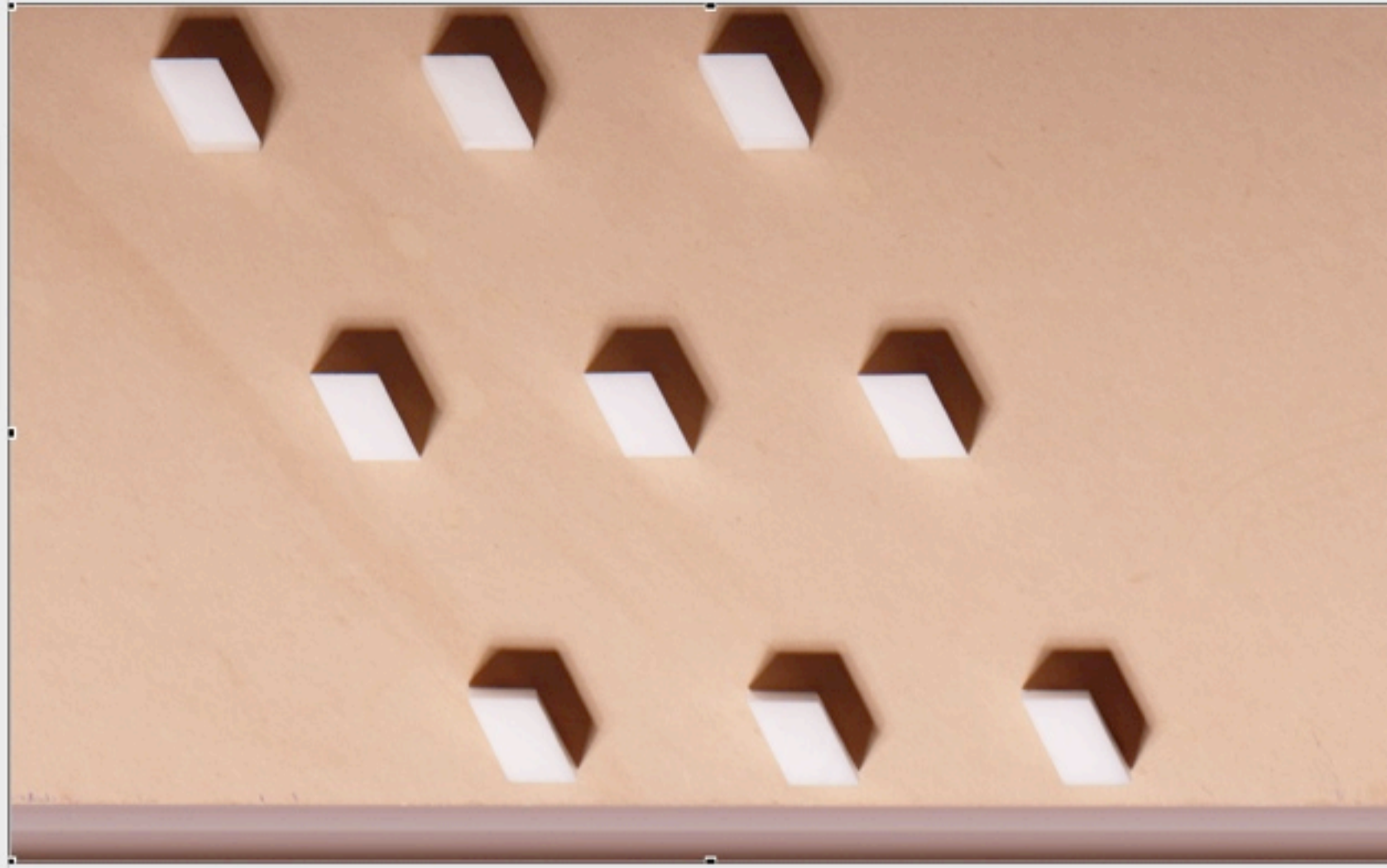
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Scan Area 100% Resolution 100% File Size: 168.00 MB  
Model Superik 50132 MB Free  
Line Time 1/12 s ISO 599 13.43 V  
RGB

BETTER LIGHT digital camera controller

CloseUp\_086  
 Fast Prescan 00:31 13:35  
 Crop Prescan  
 Super  View  
Prescan Scan

Size Color Tone Focus Pano  
Scene Rollout Object  
Focal Length 33.64598846 mm  
Preview Extent 200 x 93.87"  
h:v aspect ratio: 1.63 : 1  
Preview Dimensions: 948 lines x 750 pixels  
Scan Extent: 199.99"  
Return After Scan More Room

Pixel: Line: R G B  
5 x 5 RGB EV





32.62 x 20.00 inches at 300.00 pixels per in.  
 Scan Area 100% Resolution 100% File Size: 168.00 MB  
 Model Super6k 50132 MB Free  
 Line Time 1/12 s ISO 599 13.41 V  
 RGB

BETTER LIGHT digital camera controller

CloseUp\_086  
 Fast Prescan 01:42 13:35  
 Crop Prescan  
 Super  View  
 Prescan Scan

Size Color Tone Focus Pano  
 Scene Rollout Object  
 Focal Length 33.64598846 mm  
 Preview Extent 200" x 93.87"  
 h:v aspect ratio: 1.63 : 1  
 Preview Dimensions: 948 lines x 750 pixels  
 Scan Extent: 199.99"  
 Return After Scan More Room

Pixel: Line: R G B  
 5 x 5 RGB EV  
