



# How to Shimmer Scan

## Gather your gear

- Mirrorless or DSLR camera:** at least 24 megapixels
- Lens:** 50 mm or 85 mm is best
- Flash:** On-camera Speedlite or similar
- Bandicoot Chart:** [print your own](#) or ask us to send you one
- Broadband internet:** at least 50 Mbps
- A free Bandicoot account:** hit "sign up" at the bottom of the [login screen](#)
- Fabric to scan:** we can scan most fabrics except lace, sequins, or fur
- Small table or box:** to place chart onto for scanning (or use the floor)



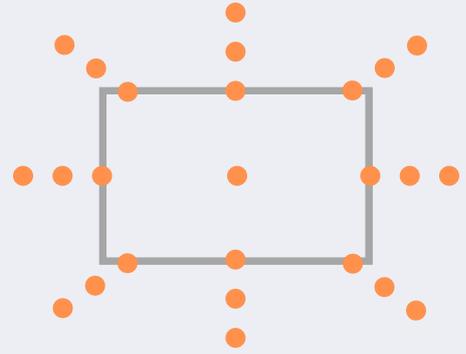
## Setup for scanning

1. **Lay the material flat** on a low surface, with enough room to walk around as you scan
2. **Put the Bandicoot Chart on top of the material**, with the area you want to scan showing in the middle of the chart
3. **Keep the Chart and material completely still** while scanning
4. **Set up your camera and flash**
5. **Take a test photo** from directly above the chart with the chart filling the frame
6. **Check the histogram** is about 2/3 from the right hand side (avoid clipping)
7. **Adjust the flash power**, take another photo and re-check the histogram until it looks good

Setting	Select
Mode	Manual (M)
Aperture	f/16
Shutter speed	1/200 s
ISO	100
Format	RAW
Focus	AF
White balance	Flash
Flash power	Manual 1/16

# Scan

You're going to walk around the chart and take **25 photos**, to capture how the material looks from every direction.



 **Take a photo from directly above the chart,** with the chart filling the frame



Go to the **first arrow** at the bottom of the chart

- Hold your camera **above the orange arrow**
- Tilt and move your camera, until the chart fills the frame



**Take photo 1**

- **Take a half step away** from the arrow on the chart
- Tilt and move your camera, until the chart fills the frame



**Take photo 2**

- **Take another half step away** from the arrow on the chart
- Tilt and move your camera, until the chart fills the frame



**Take photo 3**



**Repeat for each of the other 7 arrows** on the chart, walking around the chart to move between each arrow

You should now have **25 photos** and your scan is complete!



# Upload and use

- **Copy your photos** onto your PC
- Open the **Create** screen in the Bandicoot [web app](#)
- Drag your **25 RAW photos** into the form and press **Upload**
- Select **Flat layout mode** and **4K resolution**
- After the upload is complete press **Process scan**



Your new digital fabrics will appear within **24 hours**, ready to use in your 3D fashion software.

