

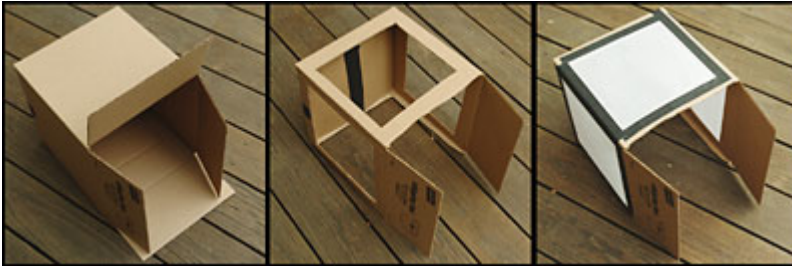
# DIY Lightbox

## Items Needed:

- Box
- Box Cutter
- Desk Light / Shop lights
- Optional -External flash with manual controls
- Optional -Way to trigger external flash
- Tissue Paper / Tracing Paper
- White paper / board / poster board
- Tape
- Camera – Manual Mode – Shutter 1/160 to 1/250 – Aperture f8.0 – f 14
- Camera Lens (almost any lens will work)



## Box Creation:



The secret is being able to have nice, soft, even light coming from either side or the top - or any combination of the three. (box creation image-Strobist.com)

## Technique

1. Use poster board as a seem less background inside the light box
  - a. And color can be used as a background
2. Use the sides and top with the tissue paper / tracing paper as a diffuser
3. Position desk lights to the sides and top as preferred
  - a. Vary distance as necessarily
4. Optional - Position flash on either side or top
5. Camera on tripod
6. Camera settings using Desk Lights
  - a. Camera in Aperture Priority (AP) mode
  - b. Aperture as preferred
  - c. White Balance: Tungsten
  - d. ISO adjusted as necessary
7. Camera settings using FLASH:
  - a. Camera in Manual Mode (M)
  - b. Aperture: f8.0 – f14
  - c. Shutter : 1/160 – 1/250 (sync speed of flash)
  - d. White Balance: Auto
8. Remote trigger set up for flash
  - a. sync cord- from camera to Flash
  - b. wireless remotes- transmitter on camera – receiver on flash
9. Flash settings:
  - a. Manual mode
  - b. Zoom: varying preference
  - c. Power: varying preference
10. Get Focus
  - a. Auto Focus (AF) on objects in light box
11. Start Shooting
12. Use sheet of glass / tile/ plastic for reflections
13. Adjust images as or if necessary in post processing
  - a. Adjust exposure if necessary
  - b. Adjust shadows /blacks if necessary
  - c. Adjust fill if necessary