

**FLUX\_036**

2023-09-29 → 2023-10-01

Dante Sisofo

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## WHAT IS FLUX

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FLUX is an open-source chronological photography publishing and archival system. Every 50 photographs automatically becomes a new issue.

### The system generates:

- PDF publication
- contact sheet
- metadata manifest
- original JPEG files
- digital archive update

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### STEP\_01

## CAPTURE

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CAMERA: compact digital camera

FILE TYPE: small JPEG

COLOR MODE: high contrast black and white

### PURPOSE:

- eliminate processing
- eliminate workflow friction
- maximize speed

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### STEP\_02

## SELECT

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GENERATE DIGITAL CONTACT SHEET

REVIEW SMALL THUMBNAILS ONLY

MAKE FINAL SELECTIONS  
FROM CONTACT SHEET VIEW

SELECT QUICKLY

### DO NOT:

- overedit
- oversequence
- overanalyze

TARGET: 50 PHOTOGRAPHS PER ISSUE

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### STEP\_03

## UPLOAD

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DRAG SELECTED FILES INTO:

/FLUX\_UPLOAD/

### RUN:

./flux\_update.command  
OR: python3 flux\_update.py

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### STEP\_04

## SYSTEM AUTOMATION

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### SYSTEM AUTOMATICALLY:

- detects new photographs
- reads timestamps
- preserves chronological order
- generates derivatives
- creates metadata
- generates SHA256 hashes
- rebuilds manifests
- updates digital archive
- rebuilds timeline
- uploads archive online

### DIGITAL ARCHIVE:

flux.dantesisofo.com

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## ARCHIVE STRUCTURE

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### DIGITAL ARCHIVE INCLUDES:

- chronological timeline
- issue browser
- downloadable PDFs
- original JPEG files
- metadata manifests
- contact sheets

ALL PHOTOGRAPHS REMAIN  
IN CHRONOLOGICAL ORDER

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### STEP\_05

## ISSUE GENERATION

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WHEN 50 NEW PHOTOGRAPHS  
ARE DETECTED:

### SYSTEM AUTOMATICALLY:

- creates next FLUX issue
- sequences photographs
- preserves capture order
- generates issue number
- generates issue PDF
- updates publication archive

NO MANUAL LAYOUT REQUIRED

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### STEP\_06

## PRINT

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PRINT: double sided

PAPER: 8.5 x 11 office paper

STACK PAGES

ALIGN EDGES

DO NOT FOLD

STAPLE LEFT SIDE

USING COVER MARKS

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### STEP\_07

## ARCHIVE

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STORE ISSUES CHRONOLOGICALLY

PRESERVE ISSUE NUMBERS

MAKE PUBLICLY ACCESSIBLE

PRINT

DISTRIBUTE

DOWNLOAD

REPRODUCE

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END\_OF\_PROTOCOL

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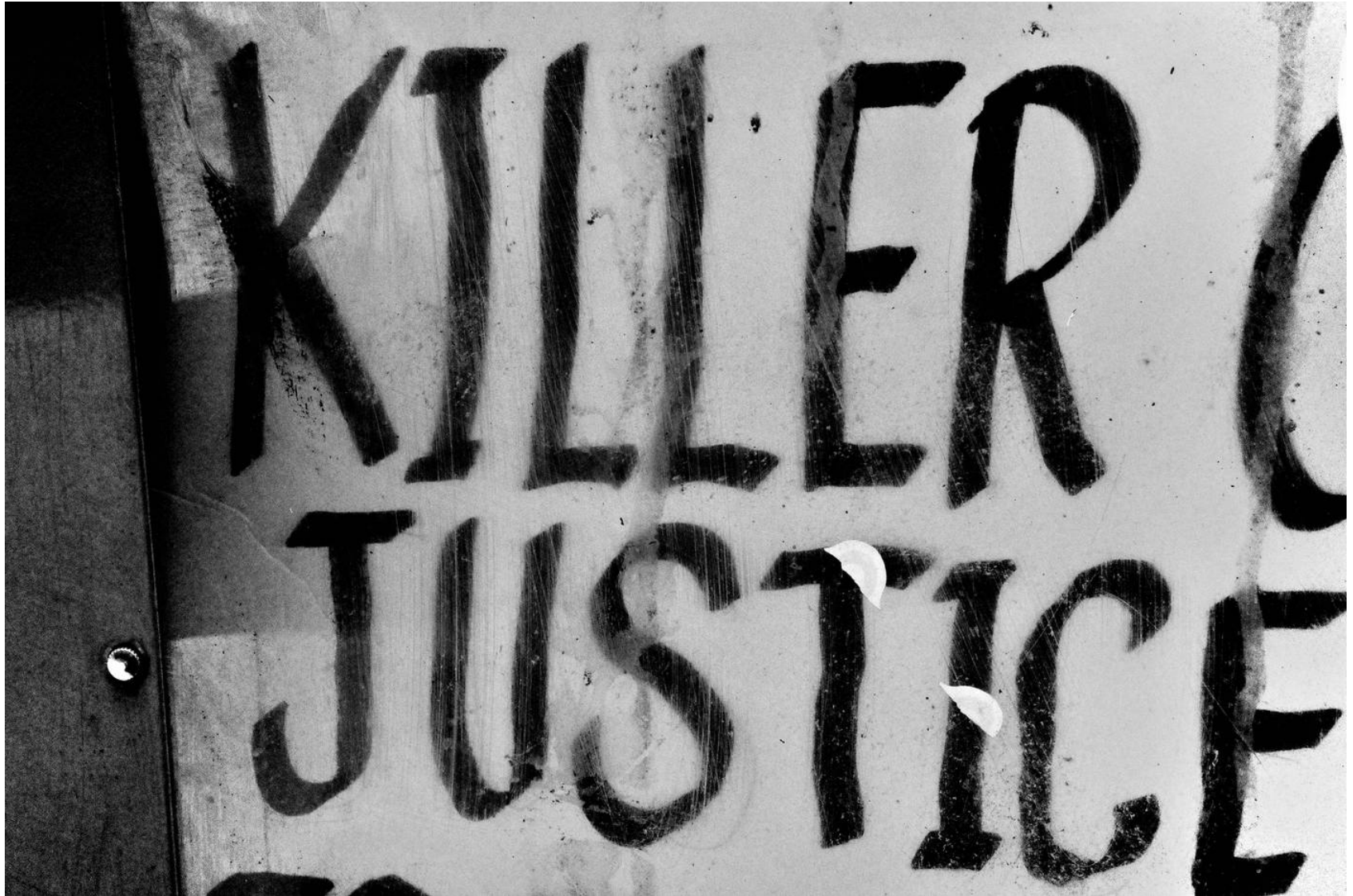


























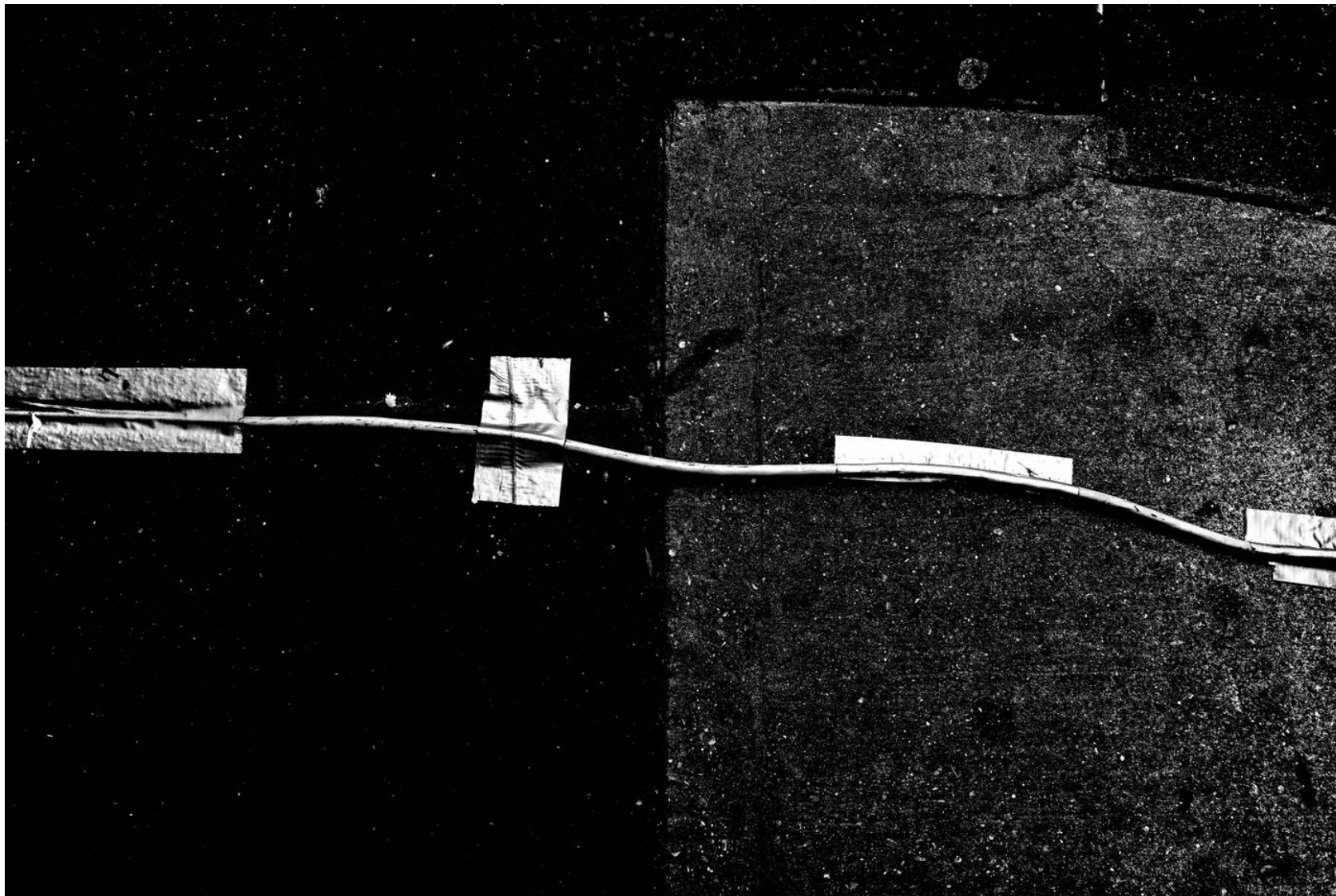






















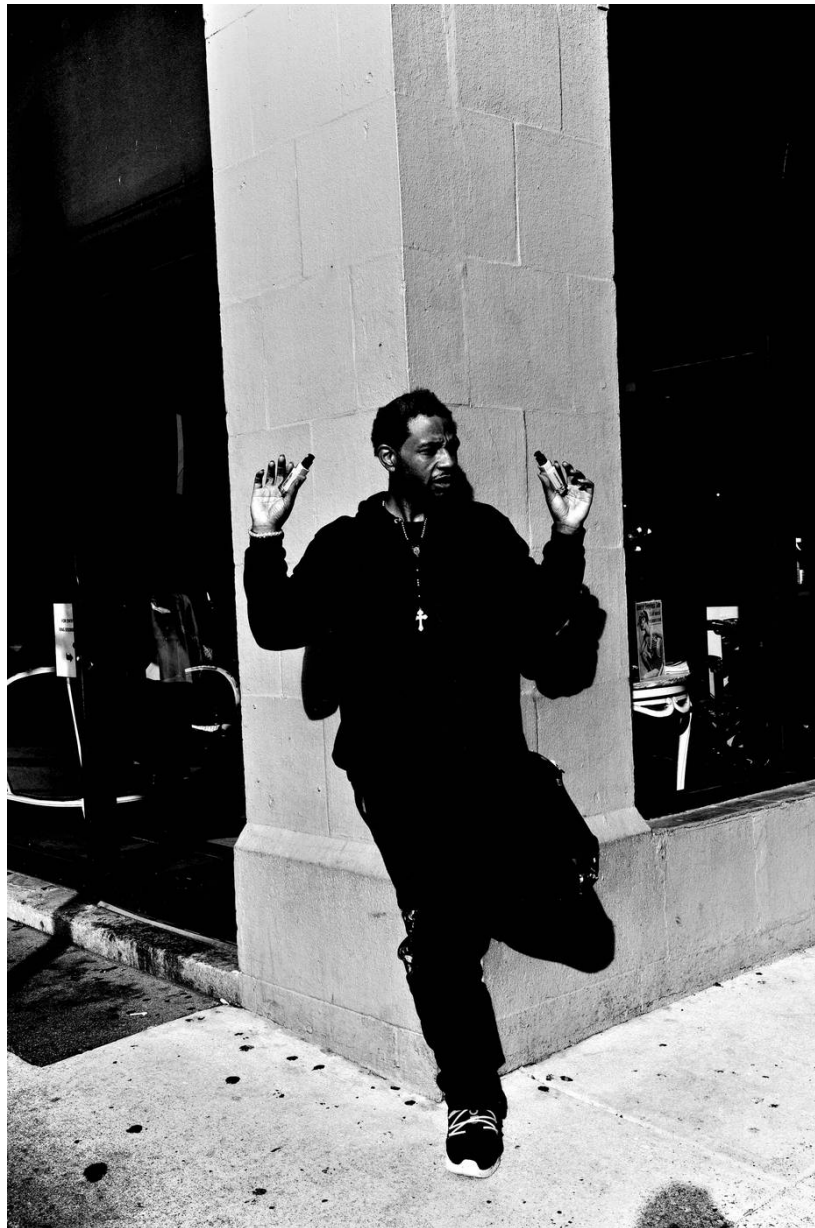














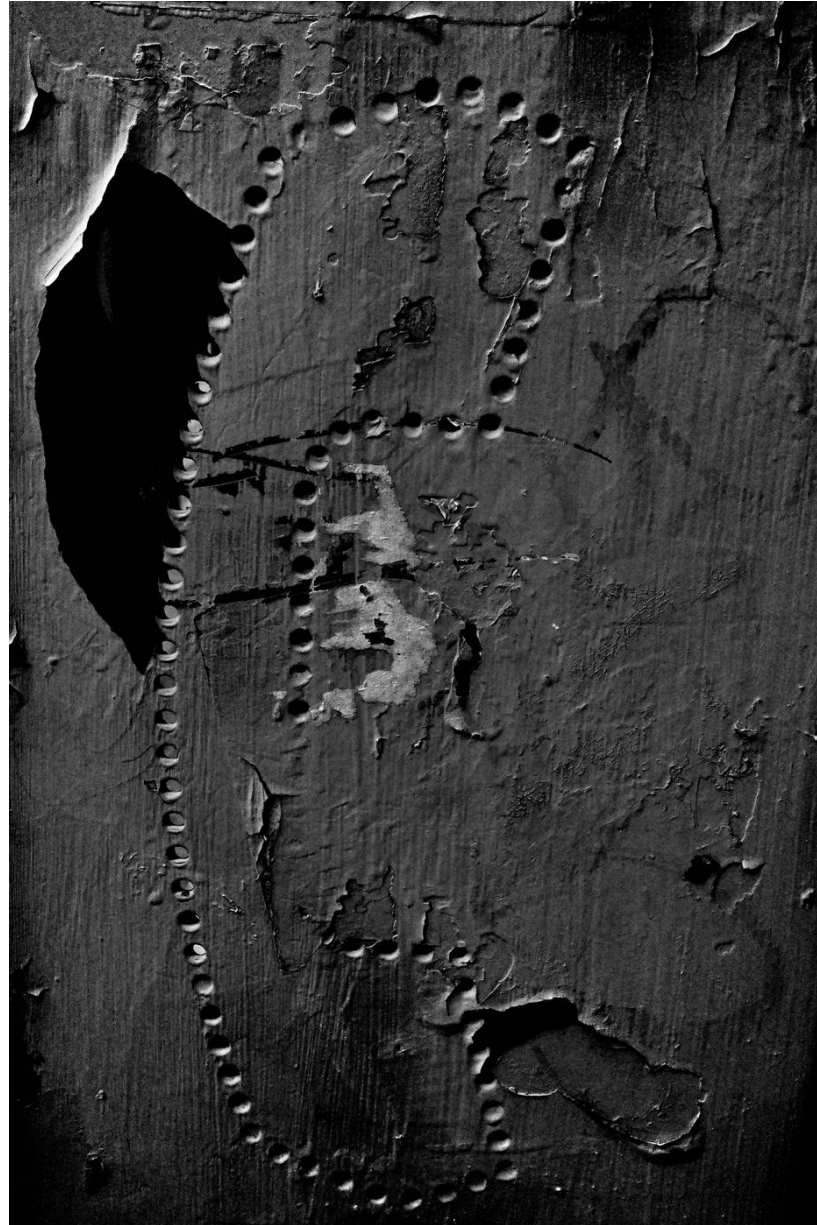








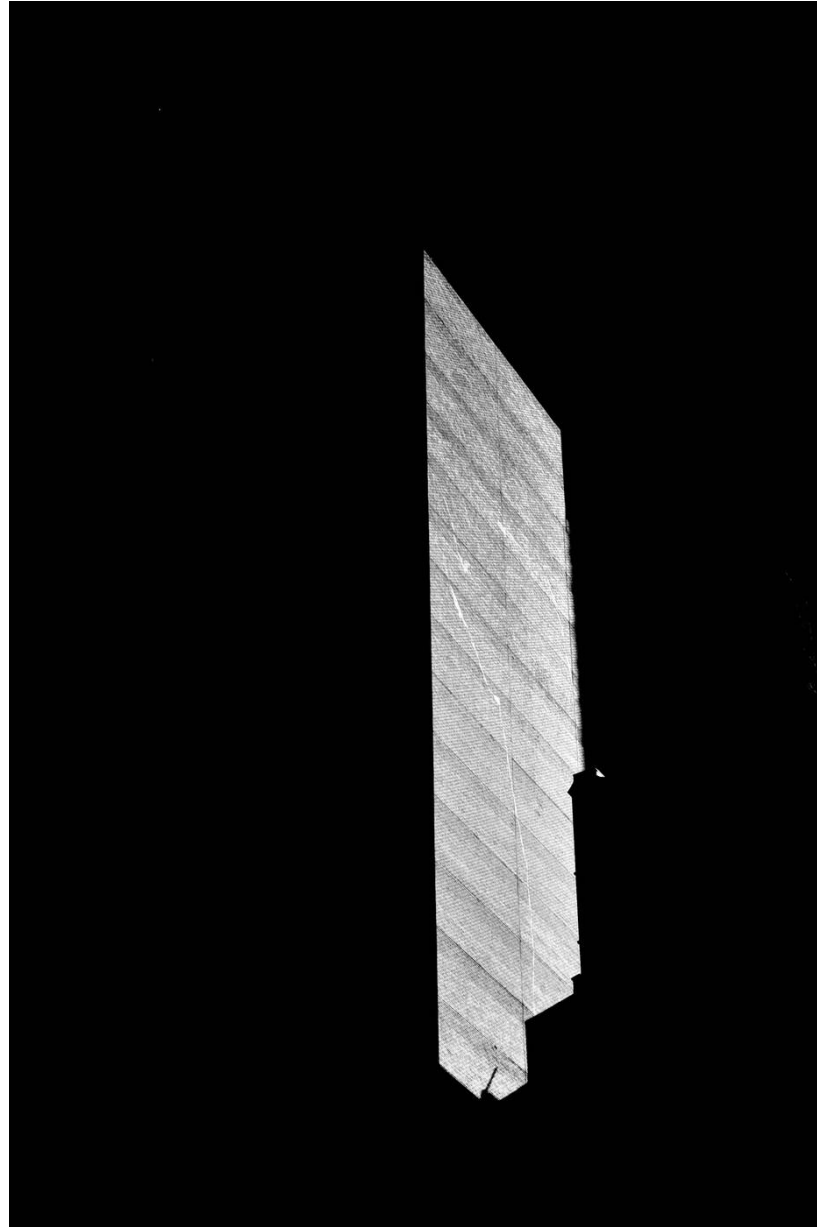






















FLUX\_036 — CONTACT SHEET — 50 FRAMES



001



002



003



004



005



006



007



008



009



010



011



012



013



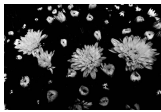
014



015



016



017



018



019



020



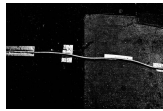
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022



023



024



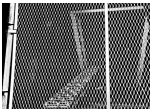
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026



027



028



029



030



031



032



033



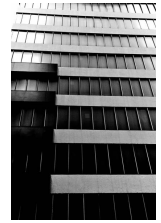
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035



036



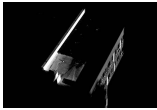
037



038



039



040



041



042



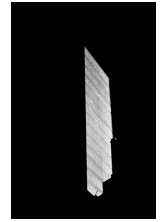
043



044



045



046



047



048



049



050

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