

## P6\*6 Pinhole Camera Exposure Durations

### METER AT ASA 100

P6\*6 – 120 film pinhole 50mm focal length f-Stop: 167

<http://www.thingiverse.com/thing:157844>

Recommended to use a meter for exposure calculations – all exposures assume metering at ASA 100

6X6 fame,  
0.30mm pinhole,  
50mm focal  
length

Fuji Neopan Acros 100**	Ilford Delta 100**	Kodak Ektar 100	Fuji Velvia 100	Fuji Velvia 50 see note	Ilford FP4 see note	Kodak 400TX see note
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With Reciprocity Failure

(ASA 125)

Exposure Value	Time for f/22	f/167	RF	RF	RF	RF	RF	RF	RF
At ASA 100	1/1000	1/15	1/15	1/15	← not recommended (too fast)				
	1/500	1/8	1/8	1/8					
	1/250	¼	¼	1/4					
	1/125	½	½	1/2					
15	1/60	1	1	1 s	1.4 s	1 s	2 s	1 s	1/4
14	1/30	2	2	4 s	3 s	2 s	5 s	4 s	1/2
13	1/15	4	4	9 s	6 s	4 s	12 s	9 s	1 s
12	1/8	7	7	20 s	13 s	7 s	28 s	20 s	6 s
11	1/4	14	14	51 s	29 s	14 s	66 s	51 s	16 s
10	1/2	29	29	2 m	66 s	29 s	2.5 m	2 m	34 s
9	1 s	58	58	8 m	2 m 30 s	58 s	4 m 50 s	8 m	1 m
8	2 s	1 m 55 s	2.5 m	27 m	6 m	2 m 40 s	10 m	27 m	3 m
7	4 s	3 m 50 s	5 m	2 h	14 m	6 m	22 m	2 h	8 m
6	8 s	7 m 40 s	10 m	6 h	33 m	13 m 40 s	37 m	6 h	25 m
5	15 s	14 m 30 s	19 m	22 h	1 h 15 m	44 m	1 h 15 m	22 h	1 h
4	30 s	29 m	43 m	88 h	3 h	1 h	2 h 30 m	88 h	5 h
3	1 m	58 m	80 m	348 h	7 h	2 h 6 m	5 h 30 m	348 h	17 h
2	2 m	1 hr 55 m	3 h	1390 h	17 h 30 m	4h 40 m	13 h	1390 h	65 h

\*\*Reciprocity failure for these and other films available with

Pinhole Designer application: <http://www.pinhole.cz/en/pinholedesigner/>

#### NOTES:

Velvia 50 and Kodak 400TX exposure time metered at ASA 100

- Use same EV / f/22 values