

P6*6W Pinhole Camera Exposure Durations

METER AT ASA 100

P6*6W – 120 film pinhole 35mm focal length f-Stop: 135

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

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

6X6 fame, 0.26mm pinhole, 35mm focal length			Metered at f/22		Adjusted for f/135		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
With Reciprocity Failure										(ASA 125)			
Exposure Value	Time for f/22	f/135	RF	RF	RF	RF	RF	RF	RF	RF			
At ASA 100	1/1000	1/30	1/30	1/30	← not recommended (too fast)								
	1/500	1/15	1/15	1/15									
	1/250	1/8	1/8	1/8									
	1/125	¼	¼	1/4									
15	1/60	½	½	1/2	½	½	1 s	1/2	1/8				
14	1/30	1 s	1 s	3 s	2 s	1 s	3 s	3 s	1/4				
13	1/15	2.5 s	2.5 s	6 s	4 s	2.5 s	6 s	6 s	1/2				
12	1/8	5 s	5 s	12 s	8 s	5 s	13 s	12 s	3 s				
11	1/4	9 s	9 s	28 s	18 s	9 s	39 s	28 s	9 s				
10	1/2	19 s	19 s	1 m	40 s	19 s	1 m 28 s	1 m	20 s				
9	1 s	38 s	38 s	4 m	1 m 30 s	38 s	2 m 50 s	4 m	47 s				
8	2 s	1 m 15 s	1 m 15 s	12 m	3 m 30 s	1 m 15 s	6 m	12 m	2 m				
7	4 s	2 m 30 s	3 m	45 m	8 m	3 m 20 s	13 m	45 m	5 m				
6	8 s	5 m	7.5 m	3 h	19 m 30 s	7 m 30 s	25 m	3 h	13 m				
5	15 s	9 m 30 s	15 m	10 h	42 m 30 s	16 m	50 m	10 h	40 m				
4	30 s	19 m	30 m	38 h	1 h 40 m	38 m	1 h 40 m	38 h	2 h				
3	1 m	38 m	60 m	149 h	4 h	1 h 15 m	2 h 20 m	149 h	7 h				
2	2 m	1 h 15 m	2 h	594 h	10 h	2 h 30 m	5 h	594 h	28 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