

Table for Reciprocity Falure for sunlight pictures

Black & White Films	Seconds																			
	1	2	3	4	5	6	7	8	9	10	20	30	40	50	60	70	80	90	100	
															1m	1m10	1m20	1m30	1m40	
Kodak																				
Plus-X	1.87	3.73	8.06	13.93	21.28	23.00	30.12	38.05	44.75	50.12	1m57	3m22	4m53	6m53	9m07	11m34	14m13	17m02	20m02	
T-MAX Pro 100	1.12	2.23	3.58	4.99	6.47	7.99	9.56	11.16	12.79	14.45	32.30	51.70	1m12	1m33	1m56	2m18	2m41	3m05	3m29	
T-MAX Pro 400	1.18	2.36	3.91	5.58	7.36	9.22	11.17	13.18	15.25	17.38	41.05	1m08	1m37	2m08	2m40	3m14	3m49	4m25	5m02	
T-MAX Pro 3200	1.23	2.46	4.17	6.06	8.10	10.27	12.55	14.93	17.40	19.95	49.13	1m23	2m01	2m42	3m25	4m10	4m58	5m47	6m38	
Tri-X	1.87	3.73	8.06	13.93	21.28	23.00	30.12	38.05	44.75	50.12	1m57	3m22	4m53	6m53	9m07	11m34	14m13	17m02	20m02	
T400CN	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	20.00	30.00	40.00	50.00	1m	1m10	1m20	1m30	1m40	
Ilford																				
Delta 400 Pro	1.39	2.79	5.08	7.78	10.83	14.18	17.81	21.71	25.84	30.20	1m24	2m34	3m55	5m27	7m08	8m58	10m56	13m00	15m12	
Delta 3200 Pro	1.39	2.79	5.08	7.78	10.83	14.18	17.81	21.71	25.84	30.20	1m24	2m34	3m55	5m27	7m08	8m58	10m56	13m00	15m12	
FP4 Plus	1.39	2.79	5.08	7.78	10.83	14.18	17.81	21.71	25.84	30.20	1m24	2m34	3m55	5m27	7m08	8m58	10m56	13m00	15m12	
HP5 Plus	1.39	2.79	5.08	7.78	10.83	14.18	17.81	21.71	25.84	30.20	1m24	2m34	3m55	5m27	7m08	8m58	10m56	13m00	15m12	
Pan 100	1.39	2.79	5.08	7.78	10.83	14.18	17.81	21.71	25.84	30.20	1m24	2m34	3m55	5m27	7m08	8m58	10m56	13m00	15m12	
Pan 400	1.39	2.79	5.08	7.78	10.83	14.18	17.81	21.71	25.84	30.20	1m24	2m34	3m55	5m27	7m08	8m58	10m56	13m00	15m12	
Pan F Plus	1.39	2.79	5.08	7.78	10.83	14.18	17.81	21.71	25.84	30.20	1m24	2m34	3m55	5m27	7m08	8m58	10m56	13m00	15m12	
XP2 Super	1.39	2.79	5.08	7.78	10.83	14.18	17.81	21.71	25.84	30.20	1m24	2m34	3m55	5m27	7m08	8m58	10m56	13m00	15m12	
Ortho 100	1.29	2.58	4.50	6.68	9.07	11.64	14.38	17.27	20.29	23.44	1m01	1m46	2m37	3m33	4m33	5m37	6m45	7m56	9m10	
Agfa Pan																				
APX 25	1.23	2.46	4.17	6.06	8.10	10.27	12.55	14.93	17.40	19.95	49.13	1m23	2m01	2m42	3m25	4m10	4m58	5m47	6m38	
APX 100 4x5	1.87	3.73	8.06	13.93	21.28	23.00	30.12	38.05	44.75	50.12	1m57	3m22	4m53	6m53	9m07	11m34	14m13	17m02	20m02	
APX 400	1.87	3.73	8.06	13.93	21.28	23.00	30.12	38.05	44.75	50.12	1m57	3m22	4m53	6m53	9m07	11m34	14m13	17m02	20m02	
Scala 200X 4x5 only	1.23	2.46	4.17	6.06	8.10	10.27	12.55	14.93	17.40	19.95	49.13	1m23	2m01	2m42	3m25	4m10	4m58	5m47	6m38	

Fuji Neopan 400 no information Neopan 1600 no information Kodak T400CN to 120 seconds no added time requierd	Polaroid Polapan400 type 72 30 seconds max exposure PolapanPN type 55 no information Polapan type 52 no information Polapan PRO Type 54 10 seconds max exposure	HueCandela.com Prepared to best fit curve from manufactures data sheets
---------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------