

# Long Exposure Shutter Speed Conversion Chart

Shutter Speed to

*Amount of Blur*

Freeze Motion	<i>A little Blur</i>	> > >	> > >	> > >	> > >	> > >	<i>A lot of blur</i>
1/2000	1/800	1/320	1/125	1/50	1/20	1/8	1/3
1/1000	1/400	1/160	1/60	1/25	1/10	1/4	0.6
1/500	1/200	1/80	1/30	1/13	1/5	0.5	1.3 sec.
1/250	1/100	1/40	1/15	1/6	0.4	1 sec.	2.5 sec.
1/125	1/50	1/20	1/8	1/3	0.8	2 sec.	5 sec.
1/60	1/25	1/10	1/4	0.6	1.6 sec.	4 sec.	10 sec.
1/30	1/13	1/5	0.5	1.3 sec.	3.2 sec.	8 sec.	20 sec.
1/15	1/6	0.4	1 sec.	2.5 sec.	6 sec.	15 sec.	40 sec.
1/8	1/3	0.8	2 sec.	5 sec.	13 sec.	30 sec.	80 sec.
1/4	0.6	1.6 sec.	4 sec.	10 sec.	25 sec.	65 sec.	180 sec.
0.5	1.3 sec.	3.2 sec.	8 sec.	20 sec.	60 sec.	160 sec.	420 sec.
1 sec.	2.5 sec.	6 sec.	15 sec.	40 sec.	110 sec.	300 sec.	800 sec.
2 sec.	5 sec.	13 sec.	30 sec.	80 sec.	210 sec.	560 sec.	
4 sec.	10 sec.	25 sec.	65 sec.	180 sec.	480 sec.		
8 sec.	20 sec.	60 sec.	160 sec.	420 sec.			
15 sec.	40 sec.	110 sec.	300 sec.				

1-1/3 stops