

KEVIN LANGAN LANDSCAPE PHOTOGRAPHY

Long Exposure Calculator Chart

Exposure without filter	3-Stop ND Filter	6-Stop ND Filter	10-Stop ND Filter
1/500	1/60	1/8	2
1/250	1/30	1/4	4
1/125	1/15	1/2	8
1/60	1/8	1	15
1/30	1/4	2	30
1/15	1/2	4	60 (1 min)
1/8	1	8	120 (2 min)
1/4	2	15	240 (4 min)
1/2	4	30	480 (8 min)
1	8	60 (1 min)	900 (15 min)
2	15	90 (1.5 min)	1800 (30 min)
4	30	120 (2 min)	3600 (60 min)
8	60 (1 min)	480 (8 min)	7200 (2 hours)
15	90 (1.5 min)	900 (15 min)	14400 (4 hours)
30	120 (2 min)	1800 (30 min)	28800 (8 hours)

Note: Take a base reading without filter attached.

www.kevinlangan.ie