

EV / Lux / Foot Candle Conversion Chart ISO @100

EV	Lux (Lux = FC x 10.76)	FC	
-1	1.25	0.12	
-0.5	1.75	0.16	
0	2.50	0.23	
0.5	3.50	0.33	
1	5.00	0.46	
1.5	7.00	0.66	
2	10.00	0.93	
2.5	14.00	1.31	
3	20.00	1.86	
3.5	28.00	2.63	
4	40.00	3.72	
4.5	56.00	5.26	
5	80.00	7.43	
5.5	112.00	10.51	Check your meter if it reads EV's in 1/10ths or 1/3rds
6	160.00	14.86	
6.5	225.00	21.02	fstop: 1.4 = roughly EV6 and 2/3's or EV6.66 in 10ths
7	320.00	29.73	
7.5	450.00	42.04	fstop: 2 = EV7 2/3 or 7.66
8	640.00	59.46	
8.5	900.00	84.09	fstop: 4 = EV8 2/3 or 8.66
9	1,280.00	119.00	
9.5	1,800.00	168.00	fstop: 5.6 = EV9 2/3 or 9.66
10	2,600.00	240.00	
10.5	3,600.00	336.00	fstop: 8 = EV10 2/3 or 10.66
11	5,120.00	476.00	
11.5	7,200.00	673.00	fstop: 11 = EV11 2/3 or 11.66
12	10,240.00	951.00	
12.5	14,400.00	1,345.00	fstop: 16 = EV12 2/3 or 12.66
13	20,480.00	1,903.00	
13.5	28,900.00	2,691.00	
14	40,960.00	3,805.00	
14.5	57,800.00	5,382.00	
15	81,900.00	7,611.00	
15.5	116,000.00	10,763.00	
16	164,000.00	15,221.00	
16.5	232,000.00	21,526.00	
17	328,000.00	30,442.00	
17.5	464,000.00	43,052.00	
18	656,000.00	60,885.00	

I use this chart as a light buying and renting guide. Most manufactures list the light throw in Lux or FC. Always check your lights with a meter and a tape measure just to make sure. Also check to see if the throw is in meters or feet. eg 1 metre=39.37 inches just over 3feet.