

Appendix A

Psychophysical results.

Results of all our psychophysical experiments are presented in two tables (for experiments 1 and 2). More details about particular conditions, configurations and experimental settings in general can be found in the [¡Error! No se encuentra el origen de la referencia.](#) and in [¡Error! No se encuentra el origen de la referencia..](#)

Experiment 1 Results			
	<i>l</i>	<i>s</i>	<i>Y</i>
	Cond1		
Conf1	0.660	0.981	26.3
Conf2	0.655	1.108	24.1
Conf3	0.650	1.231	23.3
	Cond2		
Conf1	0.672	0.980	24.8
Conf2	0.675	1.062	24.2
Conf3	0.674	1.146	23.9
	Cond3		
Conf1	0.661	1.003	26.5
Conf2	0.666	1.087	25.3
Conf3	0.669	1.201	23.5
	Cond4		
Conf1	0.646	1.019	28.5
Conf2	0.644	1.173	27.2
Conf3	0.641	1.307	25.0

Table 1. Psychophysical results for experiment 1 (two-colors, striped background). Conditions refer to different test colors and configurations refer to different spatial configurations. Column *Y* has units in Candelas per square meter.

Experiment 1 Standard Deviations			
	<i>l</i>	<i>s</i>	<i>Y</i>
	Cond1		
Conf1	0.002	0.05	2.6
Conf2	0.004	0.12	2.4
Conf3	0.008	0.19	3.1
	Cond2		
Conf1	0.003	0.04	1.2
Conf2	0.004	0.07	2.4
Conf3	0.005	0.11	1.8
	Cond3		
Conf1	0.004	0.07	2.3
Conf2	0.003	0.08	2.4
Conf3	0.004	0.13	3.1
	Cond4		
Conf1	0.004	0.06	2.8
Conf2	0.004	0.06	2.0
Conf3	0.005	0.12	2.2

Table 2. Corresponding Standard Deviations for Experiment 1.

Experiment 2 Results			
	<i>l</i>	<i>s</i>	<i>Y</i>
	Cond1		
Conf1	0.650	1.152	22.8
Conf2	0.651	1.185	22.4
Conf3	0.650	1.184	22.5
	Cond2		
Conf1	0.646	0.809	27.6
Conf2	0.644	0.815	26.5
Conf3	0.642	0.807	26.8
	Cond3		
Conf1	0.670	0.867	31.4
Conf2	0.671	0.867	31.3
Conf3	0.671	0.868	31.5
	Cond4		
Conf1	0.670	1.116	26.5
Conf2	0.670	1.125	27.6
Conf3	0.669	1.165	27.1

Table 3. Psychophysical results for experiment 1 (two-colors, striped background). Conditions refer to different test colors and configurations refer to different spatial configurations. Column *Y* has units in Candelas per square meter.

Experiment 2 Standard Deviations			
	<i>I</i>	<i>S</i>	<i>Y</i>
Cond1			
Conf1	0.002	0.05	1.7
Conf2	0.003	0.06	1.2
Conf3	0.002	0.08	0.8
Cond2			
Conf1	0.003	0.03	1.8
Conf2	0.006	0.05	1.4
Conf3	0.005	0.07	1.7
Cond3			
Conf1	0.003	0.04	1.8
Conf2	0.002	0.04	1.9
Conf3	0.003	0.05	1.4
Cond4			
Conf1	0.004	0.05	1.4
Conf2	0.003	0.07	0.8
Conf3	0.002	0.08	1.3

Table 4. Corresponding Standard Deviations for Experiment 2.