



Report No.	LAB2110565-02
Report Version	V1
Total Pages	6

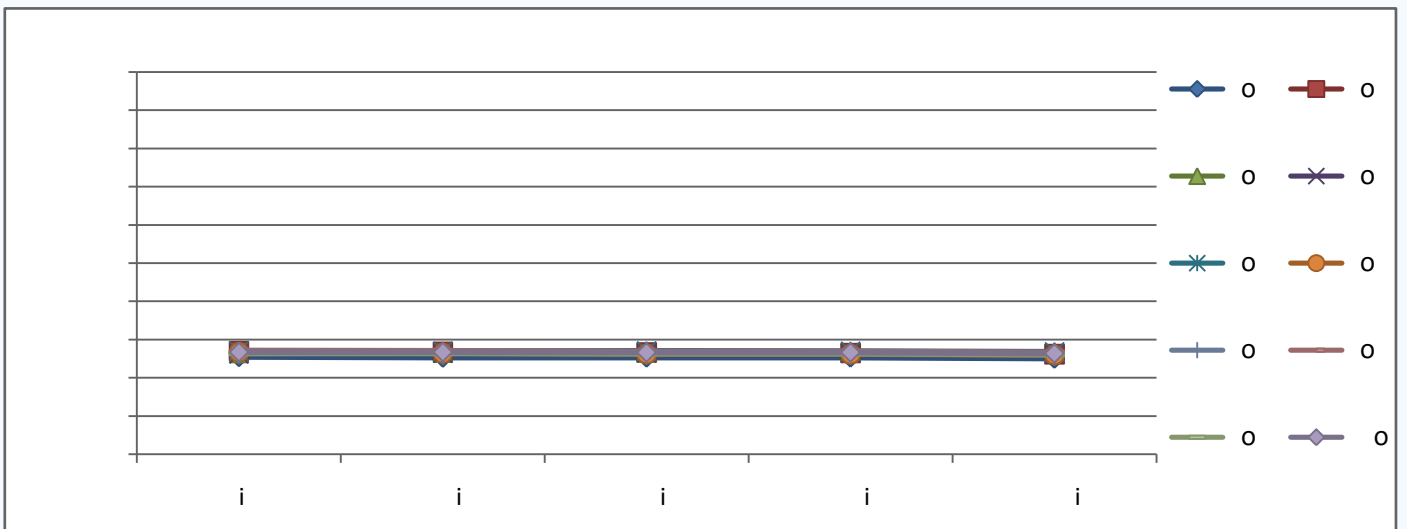
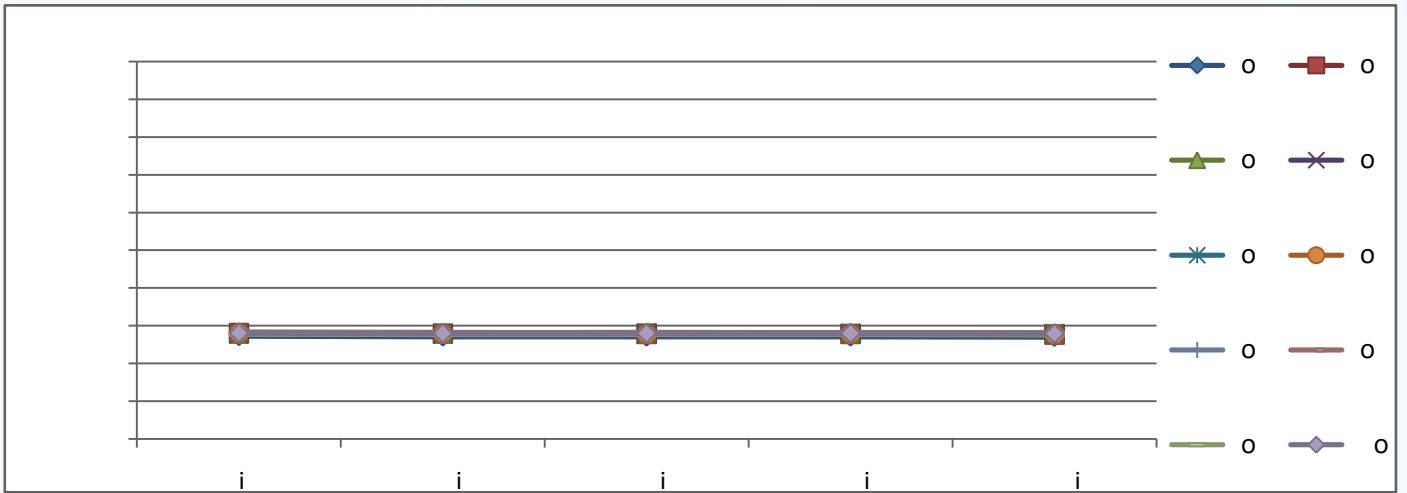
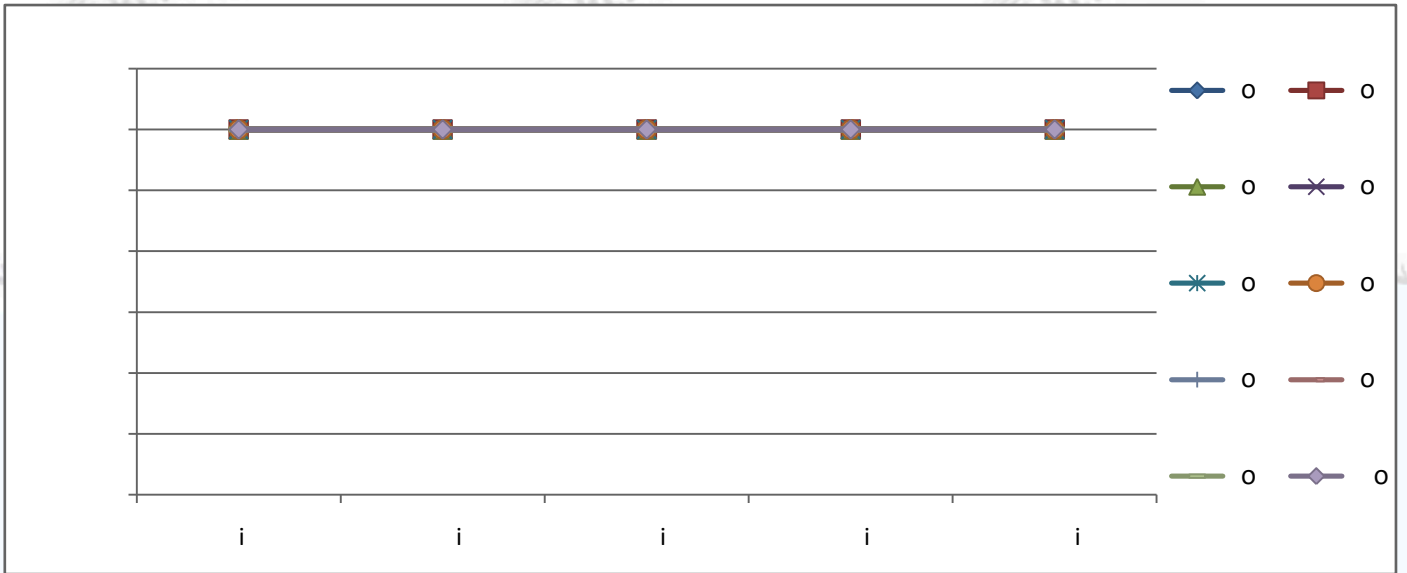
SHENZHEN REFOND OPTOELECTRONICS CO., LTD. LAB CENTER

Testing Report

Product No. RF-A1F30-W1DD-B1

Application

Testing Item



	(lm)					Lumen Maintenance (%)				
	0h	168h	336h	504h	1000h	0h	168h	336h	504h	1000h
1#	44.34	45.45	43.94	44.15	42.73	100.00%	102.50%	99.10%	99.57%	96.37%
2#	43.04	43.45	41.47	40.33	39.42	100.00%	100.95%	96.35%	93.70%	91.59%
3#	44.11	44.88	44.64	44.16	43.28	100.00%	101.75%	101.20%	100.11%	98.12%
4#	40.80	41.62	41.77	41.57	40.71	100.00%	102.01%	102.38%	101.89%	99.78%
5#	44.00	46.02	45.49	44.17	43.28	100.00%	104.59%	103.39%	100.39%	98.36%
6#	41.76	41.80	40.44	37.63	38.40	100.00%	100.10%	96.84%	90.11%	91.95%
7#	44.49	44.82	43.89	43.96	43.23	100.00%	100.74%	98.65%	98.81%	97.17%
8#	42.55	41.90	41.40	40.02	38.82	100.00%	98.47%	97.30%	94.05%	91.23%
9#	45.54	45.59	45.75	44.97	43.30	100.00%	100.11%	100.46%	98.75%	95.08%
10#	43.98	44.87	44.50	43.60	42.03	100.00%	102.02%	101.18%	99.14%	95.57%
Min	40.80	41.62	40.44	37.63	38.40	100.00%	98.47%	96.35%	90.11%	91.23%
Max	45.54	46.02	45.75	44.97	43.30	100.00%	104.59%	103.39%	101.89%	99.78%
Avg	43.46	44.04	43.33	42.46	41.52	100.00%	101.32%	99.68%	97.65%	95.52%
Spec	NA					80%~120%				

	VF (V)								
	0h	168h	336h	504h	1000h	168h	336h	504h	1000h
1#	3.01	3.00	2.98	2.99	2.99	-0.01	-0.03	-0.02	-0.02
2#	3.02	3.02	3.00	3.00	3.01	0.00	-0.02	-0.02	-0.01
3#	3.01	3.01	3.00	2.99	2.99	0.00	-0.02	-0.02	-0.02
4#	3.02	3.01	3.00	3.00	3.00	-0.01	-0.02	-0.02	-0.02
5#	3.03	3.02	3.01	3.00	3.01	-0.01	-0.02	-0.03	-0.03
6#	3.02	3.02	3.00	2.99	3.00	0.00	-0.02	-0.03	-0.02
7#	3.04	3.03	3.01	3.01	3.01	-0.01	-0.03	-0.03	-0.03
8#	3.03	3.02	3.01	3.00	3.00	-0.01	-0.03	-0.04	-0.03
9#	3.03	3.02	3.00	3.00	3.01	-0.02	-0.03	-0.04	-0.03
10#	3.03	3.02	3.01	3.00	3.00	-0.01	-0.02	-0.03	-0.03
Min	3.01	3.00	2.98	2.99	2.99	-0.02	-0.03	-0.04	-0.03
Max	3.04	3.03	3.01	3.01	3.01	0.00	-0.02	-0.02	-0.01
Avg	3.02	3.02	3.00	3.00	3.00	-0.01	-0.02	-0.03	-0.02
Spec	NA					-0.2~0.2			

	IF (mA)				
	0h	168h	336h	504h	1000h
1#	120.00	120.00	120.00	120.00	120.00
2#	120.00	120.00	120.00	120.00	120.00
3#	120.00	120.00	120.00	120.00	120.00
4#	120.00	120.00	120.00	120.00	120.00
5#	120.00	120.00	120.00	120.00	120.00
6#	120.00	120.00	120.00	120.00	120.00
7#	120.00	120.00	120.00	120.00	120.00
8#	120.00	120.00	120.00	120.00	120.00
9#	120.00	120.00	120.00	120.00	120.00
10#	120.00	120.00	120.00	120.00	120.00
Min	120.00	120.00	120.00	120.00	120.00
Max	120.00	120.00	120.00	120.00	120.00
Avg	120.00	120.00	120.00	120.00	120.00
Spec	NA				

	0h	168h	336h	504h	1000h	168h	336h	504h	1000h
1#	0.2732	0.2716	0.2718	0.2720	0.2708	-0.0016	-0.0014	-0.0012	-0.0024
2#	0.2809	0.2796	0.2791	0.2785	0.2770	-0.0013	-0.0018	-0.0024	-0.0039
3#	0.2798	0.2794	0.2800	0.2800	0.2800	-0.0004	0.0002	0.0002	0.0002
4#	0.2788	0.2786	0.2791	0.2794	0.2787	-0.0002	0.0003	0.0006	-0.0001
5#	0.2818	0.2812	0.2816	0.2814	0.2805	-0.0006	-0.0002	-0.0004	-0.0013
6#	0.2807	0.2795	0.2788	0.2787	0.2775	-0.0012	-0.0019	-0.0020	-0.0032
7#	0.2791	0.2783	0.2787	0.2790	0.2788	-0.0008	-0.0004	-0.0001	-0.0003
8#	0.2828	0.2818	0.2814	0.2813	0.2802	-0.0010	-0.0014	-0.0015	-0.0026
9#	0.2784	0.2778	0.2778	0.2777	0.2767	-0.0006	-0.0006	-0.0007	-0.0017
10#	0.2812	0.2804	0.2803	0.2803	0.2793	-0.0008	-0.0009	-0.0009	-0.0019
Min	0.2732	0.2716	0.2718	0.2720	0.2708	-0.0016	-0.0019	-0.0024	-0.0039
Max	0.2828	0.2818	0.2816	0.2814	0.2805	-0.0002	0.0003	0.0006	0.0002
Avg	0.2797	0.2788	0.2789	0.2788	0.2780	-0.0008	-0.0008	-0.0008	-0.0017
Spec									

