

()

: LAB0204207-04

1

6

1. : /

2. : 1# 20#

3. / : RF- F14FV2K68- T3- E/SC12- 200300004

4. : 2020.05.27 2020.06.05

5. : LED (G118471CA833115) FLUKE (34700492V3)
 (MT 4X) DSX500 4B43960 DC POWER SUPPLY 160303750

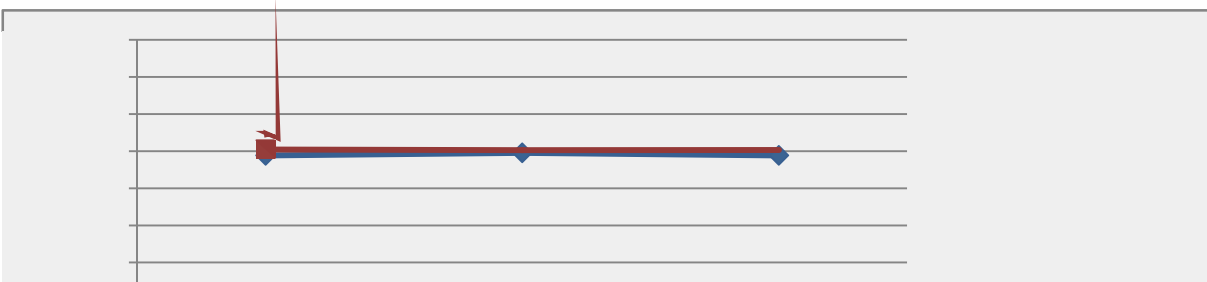
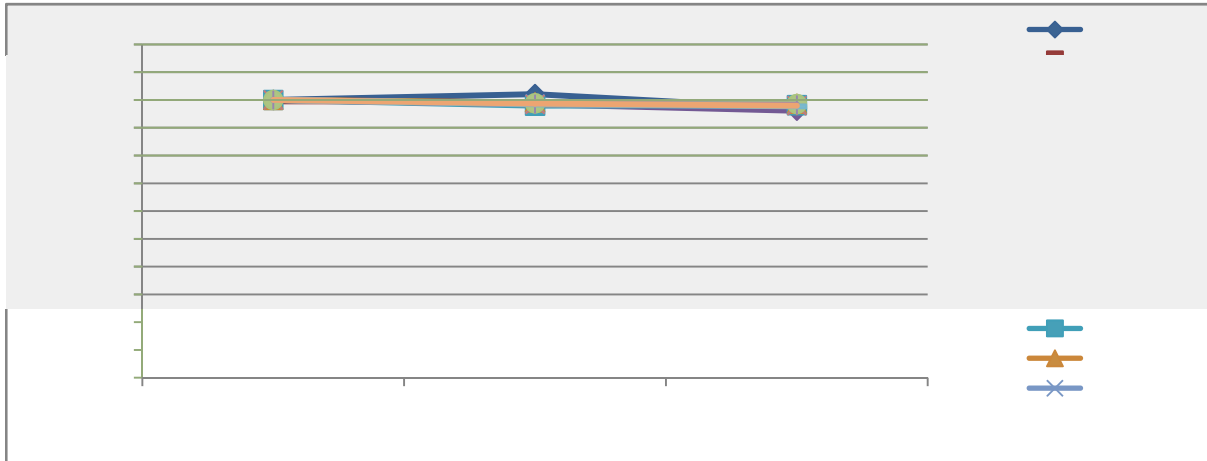
6. : 22 28 30 70 %RH

7. : LED CIE127 2007

8.

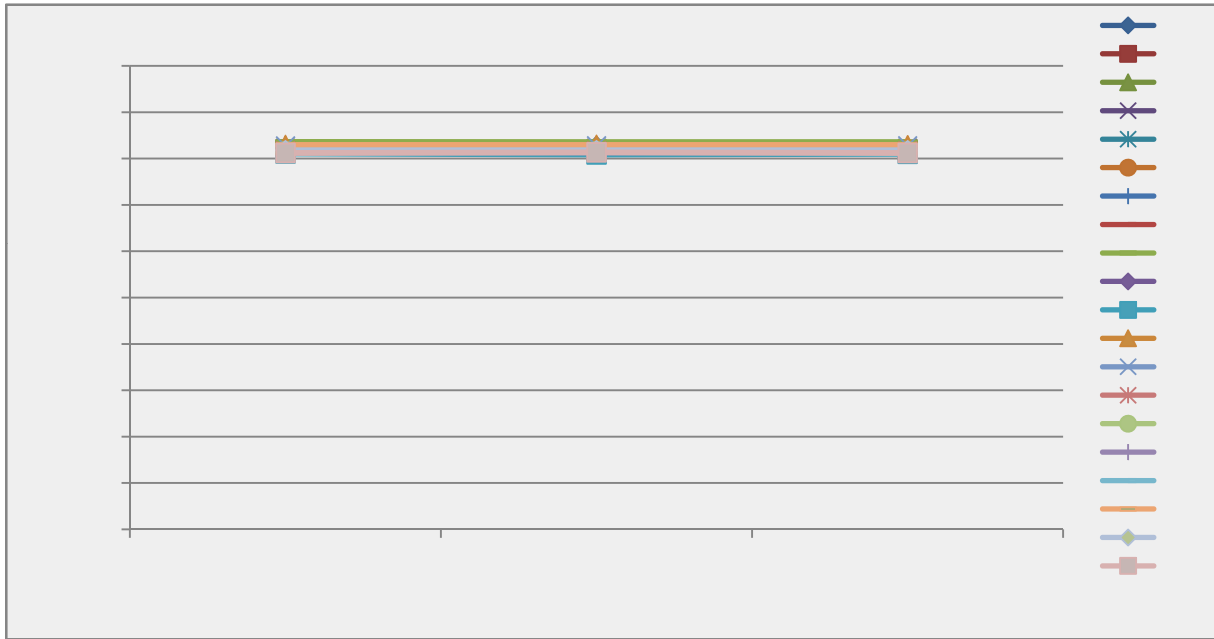
9. :
 25 2500C 2.5min On- 2.5min Off 15mA 15mA
 2 0cycles 1000cycles 2500cycles

(lm)





y



	(mm)			Lumen Maintenance(%)		
	Cycle	1000cycles	2500cycles	Cycle	1000cycles	2500cycles
1#	53.39	54.51	51.81	100.00%	102.10%	97.04%
2#	62.51	61.92	61.27	100.00%	99.06%	98.02%
3#	62.64	61.06	61.41	100.00%	97.48%	98.04%
4#	60.35	59.72	59.15	100.00%	98.96%	98.01%
5#	56.64	55.94	55.49	100.00%	98.76%	97.97%
6#	55.53	54.60	54.08	100.00%	98.33%	97.39%
7#	61.76	60.95	60.20	100.00%	98.69%	97.47%
8#	63.55	62.70	61.95	100.00%	98.66%	97.48%
9#	61.18	60.34	59.47	100.00%	98.63%	97.20%
10#	58.83	57.91	56.54	100.00%	98.44%	96.11%
11#	57.21	56.03	56.13	100.00%	97.94%	98.11%
12#	60.24	59.70	59.39	100.00%	99.10%	98.59%
13#	62.63	61.77	61.44	100.00%	98.63%	98.10%
14#	62.21	61.21	60.92	100.00%	98.39%	97.93%
15#	56.63	55.96	55.82	100.00%	98.82%	98.57%
16#	56.36	55.55	55.39	100.00%	98.56%	98.28%
17#	61.00	60.05	59.60	100.00%	98.44%	97.70%
18#	63.71	62.89	62.41	100.00%	98.71%	97.96%
19#	61.81	61.15	60.66	100.00%	98.93%	98.14%
20#	57.11	57.23	56.21	100.00%	100.21%	98.42%
Max	63.71	62.89	62.41	100.00%	102.10%	98.59%
Min	53.39	54.51	51.81	100.00%	97.48%	96.11%
Avg	59.76	59.06	58.47	100.00%	98.84%	97.83%

	VF(V)			VF(V)	
	Ocycle	1000cycles	2500cycles	1000cycles	2500cycles
1#	68.878	69.554	68.878	0.98%	0.00%
2#	70.446	70.261	70.338	-0.26%	-0.15%
3#	70.534	69.880	70.403	-0.93%	-0.19%
4#	70.065	69.924	69.978	-0.20%	-0.12%
5#	70.403	70.240	70.305	-0.23%	-0.14%
6#	70.283	70.109	70.185	-0.25%	-0.14%
7#	70.348	70.174	70.261	-0.25%	-0.12%
8#	69.989	69.815	69.946	-0.25%	-0.06%
9#	69.760	69.652	69.728	-0.15%	-0.05%
10#	70.327	70.152	70.207	-0.25%	-0.17%
11#	69.630	69.260	69.630	-0.53%	0.00%
12#	69.880	69.804	69.858	-0.11%	-0.03%
13#	69.935	69.858	69.902	-0.11%	-0.05%
14#	69.989	69.924	70.033	-0.09%	0.06%
15#	70.185	70.033	70.076	-0.22%	-0.16%
16#	70.980	70.730	70.871	-0.35%	-0.15%
17#	69.967	69.869	69.924	-0.14%	-0.06%
18#	69.706	69.652	69.662	-0.08%	-0.06%
19#	69.978	69.935	69.967	-0.06%	-0.02%
20#	69.423	69.630	69.445	0.30%	0.03%

	IF(nA)		
	Ocycle	1000cycles	2500cycles
1#	14.87	14.88	14.87
2#	14.89	14.87	14.88
3#	14.88	14.87	14.88
4#	14.88	14.88	14.87
5#	14.88	14.87	14.87
6#	14.87	14.89	14.88
7#	14.88	14.89	14.88
8#	14.88	14.88	14.88
9#	14.87	14.87	14.88
10#	14.87	14.87	14.87
11#	14.89	14.87	14.88
12#	14.88	14.88	14.87
13#	14.88	14.88	14.88
14#	14.88	14.87	14.88
15#	14.88	14.89	14.88
16#	14.87	14.89	14.88
17#	14.88	14.88	14.88
18#	14.88	14.88	14.88
19#	14.88	14.88	14.87
20#	14.88	14.88	14.87

	x			x	
	Ocycl e	1000cycl es	2500cycl es	1000cycl es	2500cycl es
1#	Q 4575	Q 4591	Q 4553	Q 0016	- Q 0022
2#	Q 4577	Q 4574	Q 4564	- Q 0003	- Q 0013
3#	Q 4569	Q 4555	Q 4556	- Q 0014	- Q 0013
4#	Q 4562	Q 4558	Q 4549	- Q 0004	- Q 0013
5#	Q 4530	Q 4528	Q 4518	- Q 0002	- Q 0012
6#	Q 4547	Q 4543	Q 4534	- Q 0004	- Q 0013
7#	Q 4559	Q 4556	Q 4546	- Q 0003	- Q 0013
8#	Q 4571	Q 4568	Q 4555	- Q 0003	- Q 0016
9#	Q 4666	Q 4661	Q 4650	- Q 0005	- Q 0016
10#	Q 4544	Q 4542	Q 4523	- Q 0002	- Q 0021
11#	Q 4502	Q 4489	Q 4484	- Q 0013	- Q 0018
12#	Q 4629	Q 4625	Q 4617	- Q 0004	- Q 0012
13#	Q 4611	Q 4610	Q 4600	- Q 0001	- Q 0011
14#	Q 4551	Q 4549	Q 4543	- Q 0002	- Q 0008
15#	Q 4522	Q 4521	Q 4513	- Q 0001	- Q 0009
16#	Q 4513	Q 4509	Q 4504	- Q 0004	- Q 0009
17#	Q 4599	Q 4596	Q 4588	- Q 0003	- Q 0011
18#	Q 4603	Q 4601	Q 4593	- Q 0002	- Q 0010
19#	Q 4541	Q 4539	Q 4531	- Q 0002	- Q 0010
20#	Q 4505	Q 4510	Q 4494	Q 0005	- Q 0011

	y			y	
	Ocycl e	1000cycl es	2500cycl es	1000cycl es	2500cycl es
1#	Q 4117	Q 4133	Q 4112	Q 0016	- Q 0005
2#	Q 4097	Q 4097	Q 4094	Q 0000	- Q 0003
3#	Q 4097	Q 4088	Q 4095	- Q 0009	- Q 0002
4#	Q 4112	Q 4111	Q 4111	- Q 0001	- Q 0001
5#	Q 4069	Q 4068	Q 4067	- Q 0001	- Q 0002
6#	Q 4081	Q 4080	Q 4076	- Q 0001	- Q 0005
7#	Q 4087	Q 4088	Q 4085	Q 0001	- Q 0002
8#	Q 4093	Q 4092	Q 4090	- Q 0001	- Q 0003
9#	Q 4179	Q 4178	Q 4177	- Q 0001	- Q 0002
10#	Q 4088	Q 4088	Q 4083	Q 0000	- Q 0005
11#	Q 4055	Q 4045	Q 4052	- Q 0010	- Q 0003
12#	Q 4146	Q 4147	Q 4145	Q 0001	- Q 0001
13#	Q 4138	Q 4139	Q 4139	Q 0001	Q 0001
14#	Q 4083	Q 4084	Q 4083	Q 0001	Q 0000
15#	Q 4081	Q 4081	Q 4079	Q 0000	- Q 0002
16#	Q 4069	Q 4067	Q 4069	- Q 0002	Q 0000
17#	Q 4129	Q 4129	Q 4129	Q 0000	Q 0000
18#	Q 4146	Q 4146	Q 4146	Q 0000	Q 0000
19#	Q 4089	Q 4089	Q 4089	Q 0000	Q 0000
20#	Q 4061	Q 4068	Q 4061	Q 0007	Q 0000

LED



2500C



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