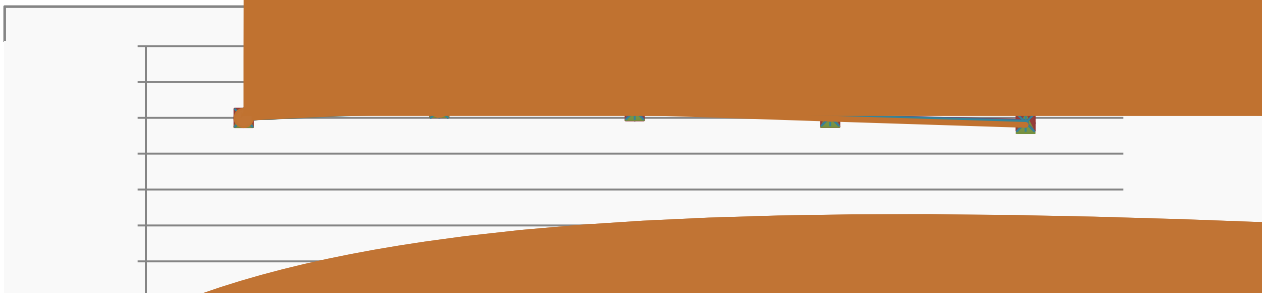
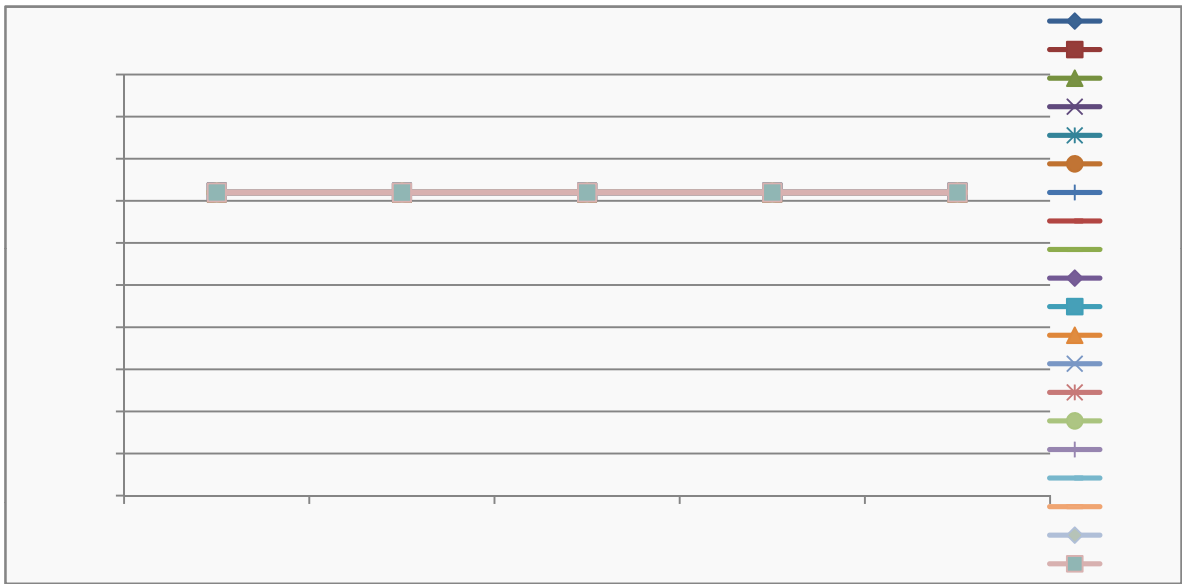


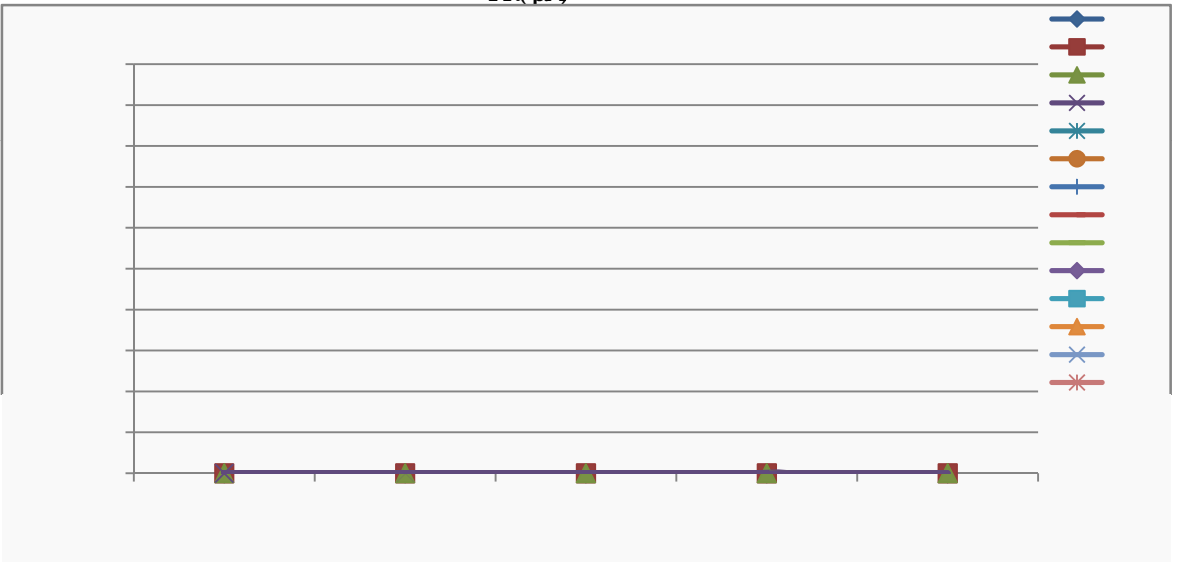
: LAB0205203-12

- 1. :
- 2. : 1# 20#
- 3. () / : RE-
- 4. : 2020.6.16 2020
- 5. FLUKE
(MT 4
- 6. : 22 28
- 7. :
LED
- 8.
- 9. : 12%
60 / 90%
2

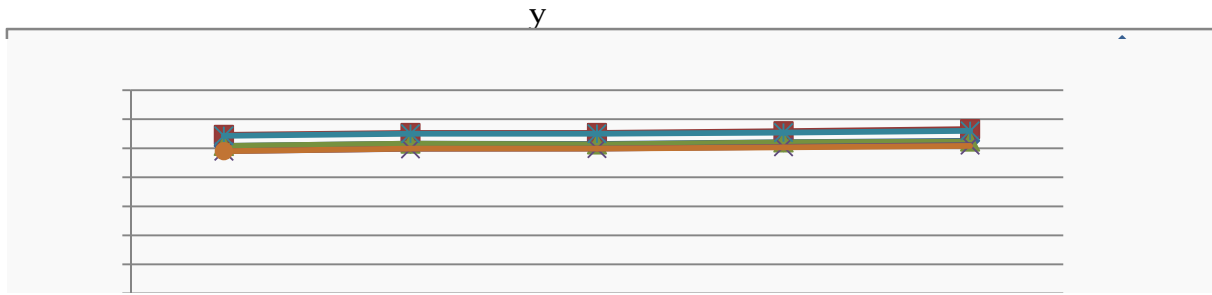




$IR(\mu A)$



x



	VF(V)					VF(V)			
	Ch	168h	336h	504h	1000h	168h	336h	504h	1000h
1#	3.031	3.032	3.032	3.031	3.032	0.001	0.001	0.000	0.001
2#	3.023	3.025	3.025	3.024	3.024	0.002	0.002	0.001	0.001
3#	3.029	3.030	3.030	3.028	3.029	0.001	0.001	-0.001	0.000
4#	3.028	3.030	3.030	3.028	3.030	0.002	0.002	0.000	0.002
5#	3.030	3.032	3.032	3.036	3.032	0.002	0.002	0.006	0.002
6#	3.029	3.031	3.030	3.029	3.030	0.002	0.001	0.000	0.001
7#	3.033	3.033	3.034	3.033	3.033	0.000	0.001	0.000	0.000
8#	3.027	3.029	3.029	3.028	3.029	0.002	0.002	0.001	0.002
9#	3.028	3.029	3.029	3.028	3.029	0.001	0.001	0.000	0.001
10#	3.030	3.031	3.032	3.030	3.032	0.001	0.002	0.000	0.002
11#	3.026	3.026	3.027	3.026	3.027	0.000	0.001	0.000	0.001
12#	3.035	3.036	3.035	3.035	3.036	0.001	0.000	0.000	0.001
13#	3.027	3.028	3.028	3.028	3.029	0.001	0.001	0.001	0.002
14#	3.025	3.026	3.027	3.025	3.026	0.001	0.002	0.000	0.001
15#	3.028	3.029	3.029	3.028	3.030	0.001	0.001	0.000	0.002
16#	3.028	3.029	3.030	3.028	3.029	0.001	0.002	0.000	0.001
17#	3.030	3.031	3.031	3.030	3.031	0.001	0.001	0.000	0.001
18#	3.026	3.027	3.028	3.026	3.027	0.001	0.002	0.000	0.001
19#	3.027	3.028	3.028	3.027	3.028	0.001	0.001	0.000	0.001
20#	3.026	3.027	3.027	3.026	3.028	0.001	0.001	0.000	0.002

	IF(nA)				
	0h	168h	336h	504h	1000h
1#	72.01	71.99	72.01	72.00	72.00
2#	72.03	71.98	72.01	72.00	72.00
3#	72.00	71.97	72.01	72.00	72.00
4#	72.00	71.98	72.01	72.00	72.00
5#	72.01	72.00	72.01	72.00	72.00
6#	72.01	72.00	72.01	72.00	72.00
7#	72.00	72.01	72.01	72.00	71.99
8#	72.00	72.00	72.01	72.00	72.00
9#	72.00	71.99	72.01	72.00	72.00
10#	72.00	71.99	72.01	72.00	72.00
11#	72.01	72.00	72.01	72.00	72.00
12#	72.01	71.98	72.01	72.00	71.99
13#	72.01	71.99	72.01	72.00	72.00
14#	72.01	71.98	72.01	72.00	72.00
15#	72.01	71.99	72.01	72.00	72.00
16#	72.01	71.97	72.01	72.00	72.00
17#	72.00	71.98	72.01	72.00	72.00
18#	72.00	71.99	72.02	72.00	72.00
19#	72.00	71.99	72.01	72.00	72.00
20#	72.00	71.98	72.01	72.00	72.00

	IR(μ A)				
	0h	168h	336h	504h	1000h
1#	0.000	0.000	0.000	0.000	0.000
2#	0.000	0.000	0.000	0.000	0.000
3#	0.000	0.000	0.000	0.000	0.000
4#	0.000	0.000	0.000	0.000	0.000
5#	0.000	0.000	0.000	0.000	0.000
6#	0.000	0.000	0.000	0.000	0.000
7#	0.000	0.000	0.000	0.000	0.000
8#	0.000	0.000	0.000	0.000	0.000
9#	0.000	0.000	0.000	0.000	0.000
10#	0.000	0.000	0.000	0.000	0.000
11#	0.000	0.000	0.000	0.000	0.000
12#	0.000	0.000	0.000	0.000	0.000
13#	0.000	0.000	0.000	0.000	0.000
14#	0.000	0.000	0.000	0.000	0.000
15#	0.000	0.000	0.000	0.000	0.000
16#	0.000	0.000	0.000	0.000	0.000
17#	0.000	0.000	0.000	0.000	0.000
18#	0.000	0.000	0.000	0.000	0.000
19#	0.000	0.000	0.000	0.000	0.000
20#	0.000	0.000	0.000	0.000	0.000

	x					x			
	0h	168h	336h	504h	1000h	168h	336h	504h	1000h
1#	0.3783	0.3783	0.3783	0.3786	0.3789	0.0000	0.0000	0.0003	0.0006
2#	0.3802	0.3802	0.3801	0.3805	0.3811	0.0000	-0.0001	0.0003	0.0009
3#	0.3777	0.3778	0.3773	0.3776	0.3778	0.0001	-0.0004	-0.0001	0.0001
4#	0.3773	0.3776	0.3776	0.3779	0.3784	0.0003	0.0003	0.0006	0.0011
5#	0.3791	0.3791	0.3790	0.3791	0.3797	0.0000	-0.0001	0.0000	0.0006
6#	0.3740	0.3743	0.3741	0.3744	0.3746	0.0003	0.0001	0.0004	0.0006
7#	0.3742	0.3747	0.3743	0.3746	0.3751	0.0005	0.0001	0.0004	0.0009
8#	0.3791	0.3793	0.3791	0.3794	0.3796	0.0002	0.0000	0.0003	0.0005
9#	0.3780	0.3782	0.3780	0.3783	0.3785	0.0002	0.0000	0.0003	0.0005
10#	0.3793	0.3793	0.3792	0.3793	0.3795	0.0000	-0.0001	0.0000	0.0002
11#	0.3807	0.3807	0.3803	0.3803	0.3803	0.0000	-0.0004	-0.0004	0.0002
12#	0.3781	0.3783	0.3781	0.3784	0.3789	0.0002	0.0000	0.0003	0.0008
13#	0.3752	0.3757	0.3753	0.3755	0.3760	0.0005	0.0001	0.0003	0.0008
14#	0.3776	0.3774	0.3772	0.3773	0.3778	-0.0002	-0.0004	-0.0003	0.0002
15#	0.3781	0.3785	0.3781	0.3783	0.3787	0.0004	0.0000	0.0002	0.0006
16#	0.3756	0.3763	0.3761	0.3763	0.3768	0.0007	0.0005	0.0007	0.0012
17#	0.3768	0.3768	0.3764	0.3763	0.3766	0.0000	-0.0004	-0.0005	-0.0002
18#	0.3738	0.3744	0.3743	0.3745	0.3749	0.0006	0.0005	0.0007	0.0011
19#	0.3757	0.3760	0.3759	0.3762	0.3766	0.0003	0.0002	0.0005	0.0009
20#	0.3754	0.3755	0.3751	0.3754	0.3758	0.0001	-0.0003	0.0000	0.0004

	y					y			
	0h	168h	336h	504h	1000h	168h	336h	504h	1000h
1#	0.3808	0.3816	0.3815	0.3821	0.3826	0.0008	0.0007	0.0013	0.0018
2#	0.3846	0.3853	0.3853	0.3859	0.3866	0.0007	0.0007	0.0013	0.0020
3#	0.3808	0.3816	0.3813	0.3820	0.3823	0.0008	0.0005	0.0012	0.0015
4#	0.3790	0.3798	0.3799	0.3805	0.3811	0.0008	0.0009	0.0015	0.0021
5#	0.3843	0.3850	0.3850	0.3854	0.3860	0.0007	0.0007	0.0011	0.0017
6#	0.3790	0.3799	0.3799	0.3803	0.3808	0.0009	0.0009	0.0013	0.0018
7#	0.3743	0.3755	0.3753	0.3759	0.3764	0.0012	0.0010	0.0016	0.0021
8#	0.3815	0.3823	0.3823	0.3827	0.3832	0.0008	0.0008	0.0012	0.0017
9#	0.3828	0.3836	0.3836	0.3840	0.3844	0.0008	0.0008	0.0012	0.0016
10#	0.3823	0.3831	0.3831	0.3834	0.3838	0.0008	0.0008	0.0011	0.0015
11#	0.3833	0.3840	0.3838	0.3839	0.3848	0.0007	0.0005	0.0006	0.0015
12#	0.3776	0.3783	0.3782	0.3788	0.3793	0.0007	0.0006	0.0012	0.0017
13#	0.3788	0.3797	0.3795	0.3800	0.3806	0.0009	0.0007	0.0012	0.0018
14#	0.3811	0.3816	0.3816	0.3818	0.3825	0.0005	0.0005	0.0007	0.0014
15#	0.3812	0.3822	0.3820	0.3824	0.3830	0.0010	0.0008	0.0012	0.0018
16#	0.3779	0.3791	0.3790	0.3795	0.3802	0.0012	0.0011	0.0016	0.0023
17#	0.3791	0.3797	0.3795	0.3796	0.3801	0.0006	0.0004	0.0005	0.0010
18#	0.3763	0.3771	0.3772	0.3776	0.3781	0.0008	0.0009	0.0013	0.0018
19#	0.3817	0.3825	0.3824	0.3829	0.3836	0.0008	0.0007	0.0012	0.0019
20#	0.3832	0.3840	0.3838	0.3843	0.3847	0.0008	0.0006	0.0011	0.0015

LED

	min	max
Lumen Maintenance(%)	90%	110%
Vf	-0.5	0.5
x	-0.01	0.01
y	-0.015	0.015
IR(μA)	/	10

1000h



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