

( )

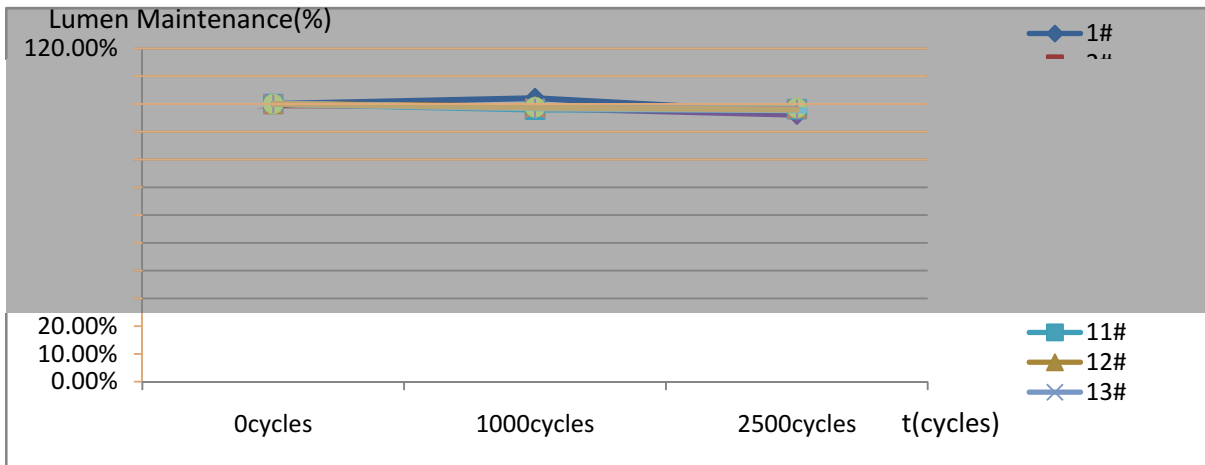
: LAB0204207-04

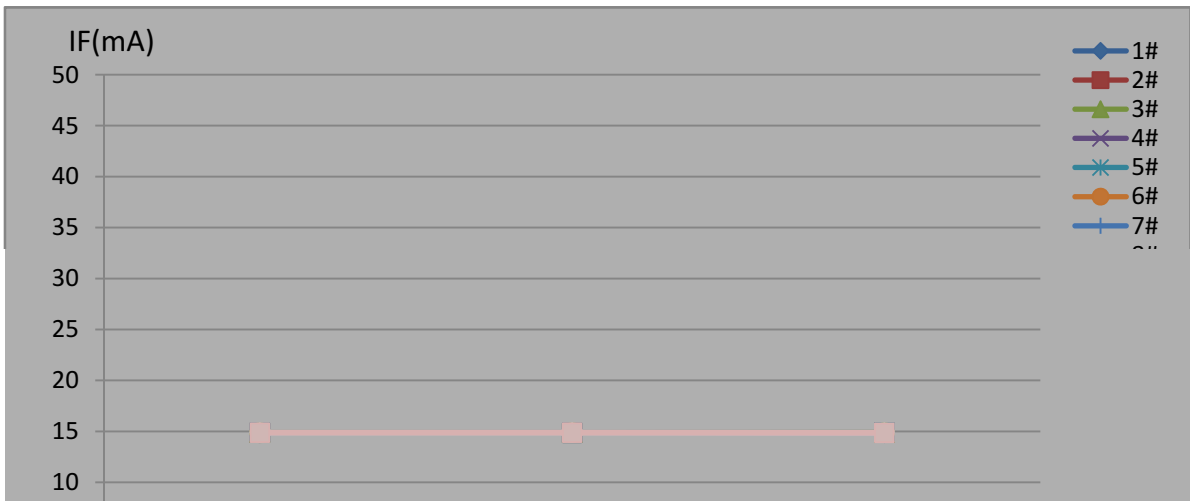
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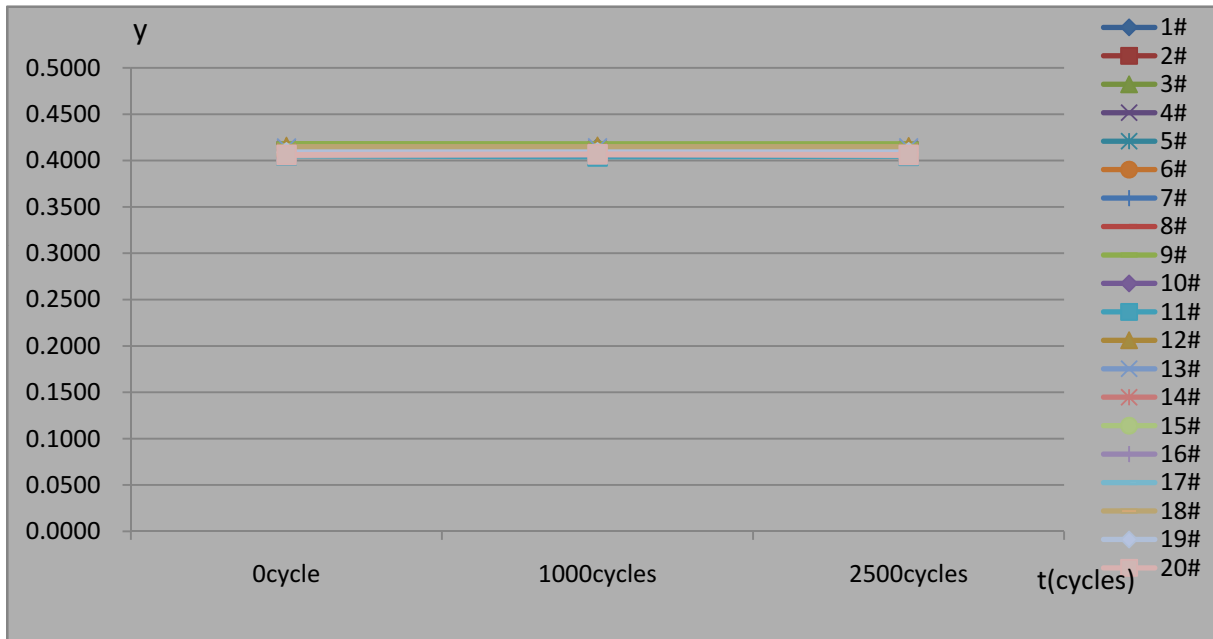
1. : /  
 2. : 1# 20#  
 3. / : RF- F14FV2K68- T3- E/SC12- 200300004  
 4. : 2020.05.27 2020.06.05  
 5. : LED (G118471CA833115) FLUKE (34700492V3)  
 (MT 4X) DSX500 4B43960 DC POWER SUPPLY 160303750  
 6. : 22 28 30 70 %RH  
 7. : LED CIE127 2007  
 8.  
 9. :  
 25 2500C 2.5min On- 2.5min Off 15mA 15mA  
 2 0cycles 1000cycles 2500cycles

(1n)





y



|     | (l m)  |            |            | Lun en M ai n t en a n c e (%) |            |            |
|-----|--------|------------|------------|--------------------------------|------------|------------|
|     | Ocyl e | 1000cyl es | 2500cyl es | Ocyl es                        | 1000cyl es | 2500cyl es |
| 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           |             |
|-----|---------|-------------|-------------|-------------|-------------|
|     | 0cycl e | 1000cycl es | 2500cycl es | 1000cycl es | 2500cycl es |
| 1#  | 0.4575  | 0.4591      | 0.4553      | 0.0016      | -0.0022     |
| 2#  | 0.4577  | 0.4574      | 0.4564      | -0.0003     | -0.0013     |
| 3#  | 0.4569  | 0.4555      | 0.4556      | -0.0014     | -0.0013     |
| 4#  | 0.4562  | 0.4558      | 0.4549      | -0.0004     | -0.0013     |
| 5#  | 0.4530  | 0.4528      | 0.4518      | -0.0002     | -0.0012     |
| 6#  | 0.4547  | 0.4543      | 0.4534      | -0.0004     | -0.0013     |
| 7#  | 0.4559  | 0.4556      | 0.4546      | -0.0003     | -0.0013     |
| 8#  | 0.4571  | 0.4568      | 0.4555      | -0.0003     | -0.0016     |
| 9#  | 0.4666  | 0.4661      | 0.4650      | -0.0005     | -0.0016     |
| 10# | 0.4544  | 0.4542      | 0.4523      | -0.0002     | -0.0021     |
| 11# | 0.4502  | 0.4489      | 0.4484      | -0.0013     | -0.0018     |
| 12# | 0.4629  | 0.4625      | 0.4617      | -0.0004     | -0.0012     |
| 13# | 0.4611  | 0.4610      | 0.4600      | -0.0001     | -0.0011     |
| 14# | 0.4551  | 0.4549      | 0.4543      | -0.0002     | -0.0008     |
| 15# | 0.4522  | 0.4521      | 0.4513      | -0.0001     | -0.0009     |
| 16# | 0.4513  | 0.4509      | 0.4504      | -0.0004     | -0.0009     |
| 17# | 0.4599  | 0.4596      | 0.4588      | -0.0003     | -0.0011     |
| 18# | 0.4603  | 0.4601      | 0.4593      | -0.0002     | -0.0010     |
| 19# | 0.4541  | 0.4539      | 0.4531      | -0.0002     | -0.0010     |
| 20# | 0.4505  | 0.4510      | 0.4494      | 0.0005      | -0.0011     |

|     | y       |             |             | y           |             |
|-----|---------|-------------|-------------|-------------|-------------|
|     | 0cycl e | 1000cycl es | 2500cycl es | 1000cycl es | 2500cycl es |
| 1#  | 0.4117  | 0.4133      | 0.4112      | 0.0016      | -0.0005     |
| 2#  | 0.4097  | 0.4097      | 0.4094      | 0.0000      | -0.0003     |
| 3#  | 0.4097  | 0.4088      | 0.4095      | -0.0009     | -0.0002     |
| 4#  | 0.4112  | 0.4111      | 0.4111      | -0.0001     | -0.0001     |
| 5#  | 0.4069  | 0.4068      | 0.4067      | -0.0001     | -0.0002     |
| 6#  | 0.4081  | 0.4080      | 0.4076      | -0.0001     | -0.0005     |
| 7#  | 0.4087  | 0.4088      | 0.4085      | 0.0001      | -0.0002     |
| 8#  | 0.4093  | 0.4092      | 0.4090      | -0.0001     | -0.0003     |
| 9#  | 0.4179  | 0.4178      | 0.4177      | -0.0001     | -0.0002     |
| 10# | 0.4088  | 0.4088      | 0.4083      | 0.0000      | -0.0005     |
| 11# | 0.4055  | 0.4045      | 0.4052      | -0.0010     | -0.0003     |
| 12# | 0.4146  | 0.4147      | 0.4145      | 0.0001      | -0.0001     |
| 13# | 0.4138  | 0.4139      | 0.4139      | 0.0001      | 0.0001      |
| 14# | 0.4083  | 0.4084      | 0.4083      | 0.0001      | 0.0000      |
| 15# | 0.4081  | 0.4081      | 0.4079      | 0.0000      | -0.0002     |
| 16# | 0.4069  | 0.4067      | 0.4069      | -0.0002     | 0.0000      |
| 17# | 0.4129  | 0.4129      | 0.4129      | 0.0000      | 0.0000      |
| 18# | 0.4146  | 0.4146      | 0.4146      | 0.0000      | 0.0000      |
| 19# | 0.4089  | 0.4089      | 0.4089      | 0.0000      | 0.0000      |
| 20# | 0.4061  | 0.4068      | 0.4061      | 0.0007      | 0.0000      |

LED



2500C



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