

Advanced Lumonics, DirectLED FL Reliability Test Report

(Product Model):

DirectLED FL 4 Foot (120cm)

Test Item : DC operating life

(Test Condition): 25 ±5 (20±2)mA

(Quantity):

15PCS

VF(V)

IF=20mA

		168		%	500		%	1000		%
NO	before test	168Hrs	tolerance	tolerance%	500Hrs	tolerance	tolerance%	1000Hrs	tolerance	tolerance%
1	3.17	3.12	-0.05	-1.58%	3.1	-0.07	-2.21%	3.1	-0.07	-2.21%
2	3.2	3.18	-0.02	-0.63%	3.15	-0.05	-1.56%	3.11	-0.09	-2.81%
3	3.16	3.12	-0.04	-1.27%	3.1	-0.06	-1.90%	3.08	-0.08	-2.53%
4	3.15	3.12	-0.03	-0.95%	3.09	-0.06	-1.90%	3.14	-0.01	-0.32%
5	3.21	3.14	-0.07	-2.18%	3.16	-0.05	-1.56%	3.14	-0.07	-2.18%
6	3.2	3.16	-0.04	-1.25%	3.14	-0.06	-1.88%	3.09	-0.11	-3.44%
7	3.15	3.12	-0.03	-0.95%	3.09	-0.06	-1.90%	3.09	-0.06	-1.90%
8	3.16	3.12	-0.04	-1.27%	3.09	-0.07	-2.22%	3.14	-0.02	-0.63%
9	3.2	3.17	-0.03	-0.94%	3.15	-0.05	-1.56%	3.1	-0.10	-3.13%

10	3.15	3.12	-0.03	-0.95%	3.11	-0.04	-1.27%	3.11	-0.04	-1.27%
11	3.16	3.13	-0.03	-0.95%	3.11	-0.05	-1.58%	3.1	-0.06	-1.90%
12	3.15	3.13	-0.02	-0.63%	3.1	-0.05	-1.59%	3.1	-0.05	-1.59%
13	3.16	3.13	-0.03	-0.95%	3.1	-0.06	-1.90%	3.11	-0.05	-1.58%
14	3.18	3.13	-0.05	-1.57%	3.11	-0.07	-2.20%	3.1	-0.08	-2.52%
15	3.16	3.12	-0.04	-1.27%	3.08	-0.08	-2.53%	3.09	-0.07	-2.22%
TOTAL	47.56	47.01	-0.55	-1.16%	46.68	-0.88	-1.85%	46.60	-0.96	-2.02%
AVERAGE	3.17	3.13	-0.04	-1.16%	3.11	-0.06	-1.85%	3.11	-0.06	-2.02%