

# 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	168Hrs	tolerance	%	500	500Hrs	tolerance	%	1000	1000Hrs	tolerance	%	
NO	before test	3.17	3.12	-0.05	-1.58%	3.1	-0.07	-2.21%	3.1	-0.07	-2.21%	3.1	-0.07	-2.21%
1		3.17	3.12	-0.05	-1.58%	3.1	-0.07	-2.21%	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%	3.11	-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%	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%	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%	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%	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%	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%	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%	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%

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