

TEST REPORT

CLIENT: Applied Innovative Technologies
PO Box 754
Fort Lupton, CO 80621
Attn.: Steve Vetorino

MATERIALS: One Nightstar flashlight and one Forever Flashlight were delivered by the client.

TEST: The light output of the flashlights was measured and compared using the following method. Each flashlight was charged by shaking it back and forth 90 times. The lens of the light was placed directly against the sensor of a light meter. The light meter was an Extech model 407026. The sensor area had a diameter of approximately 1.65 inches. The light was turned on and the light reading from the meter was recorded every 10 seconds for 12 minutes and then every 30 seconds for the next 8 minutes. One trial was performed for each light. Testing was conducted on May 20, 2003.

RESULTS: The light measurements are presented in the graph on page 2 of this report. Data from every 30 seconds of elapsed time is presented in the table on page 3.

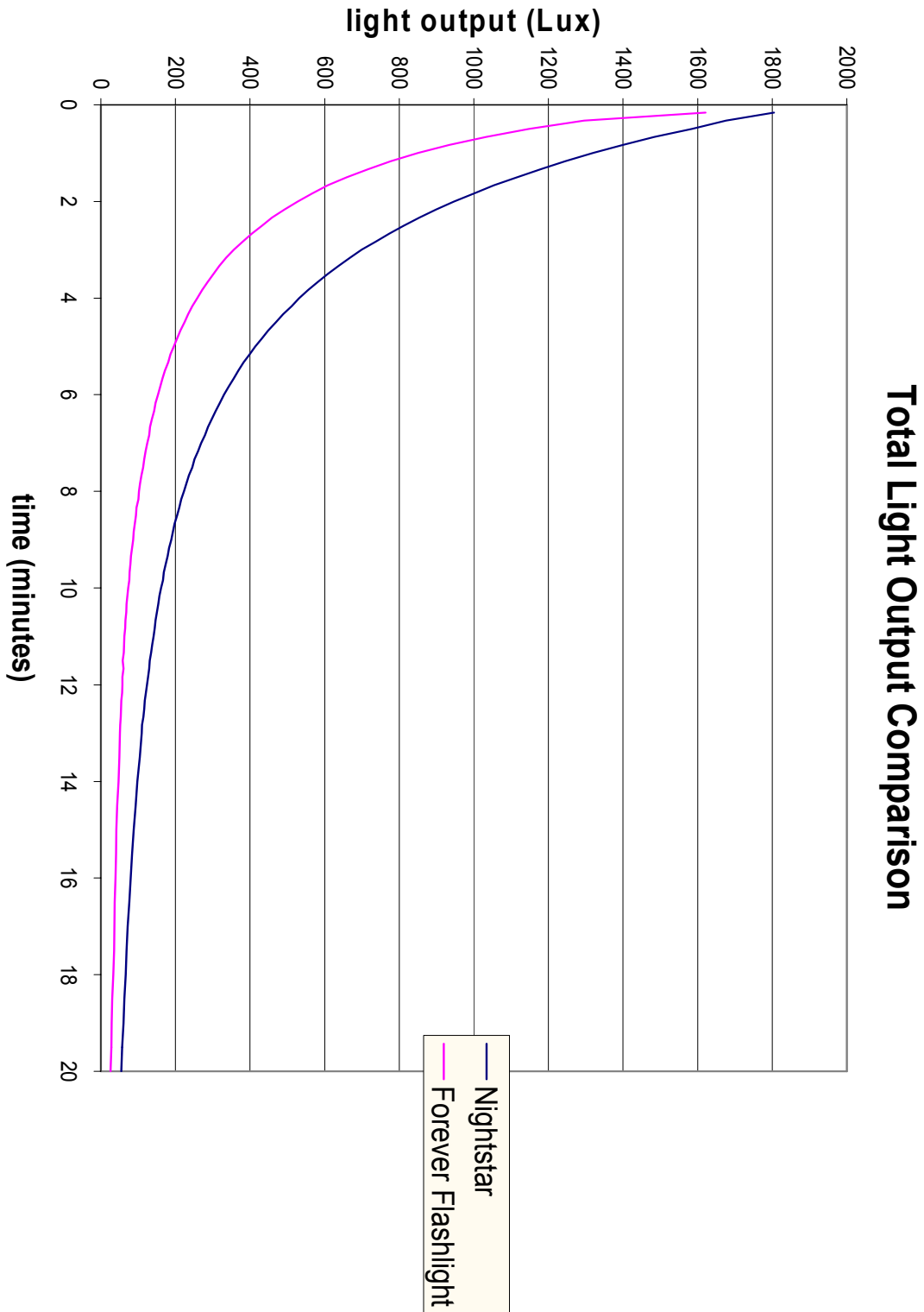
TEST PERFORMED BY:

John Hindman,
Engineer III

REPORT REVIEWED BY:

Steve Ferry,
Department Manager

This report applies only to the samples reported. This report may be copied only in its entirety.



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Light output readings		
time (minutes)	light output (Lux)	
	Nightstar	Forever Flashlight
0.50	1585	1148
1.00	1320	850
1.50	1116	660
2.00	947	528
2.50	811	431
3.00	700	357
3.50	609	302
4.00	532	258
4.50	469	224
5.00	414	195
5.50	369	172
6.00	330	153
6.50	297	137
7.00	269	125
7.50	245	113
8.00	223	102
8.50	204	94
9.00	189	86
9.50	174	79
10.00	162	73
10.50	*	68
11.00	141	63
11.50	131	59
12.00	*	58
12.50	116	54
13.00	110	51
13.50	104	49
14.00	98	47
14.50	93	44
15.00	88	42
15.50	84	41
16.00	80	39
16.50	76	37
17.00	72	36
17.50	69	35
18.00	67	33
18.50	63	31
19.00	60	29
19.50	57	28
20.00	55	26

*Data inadvertently not recorded.

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