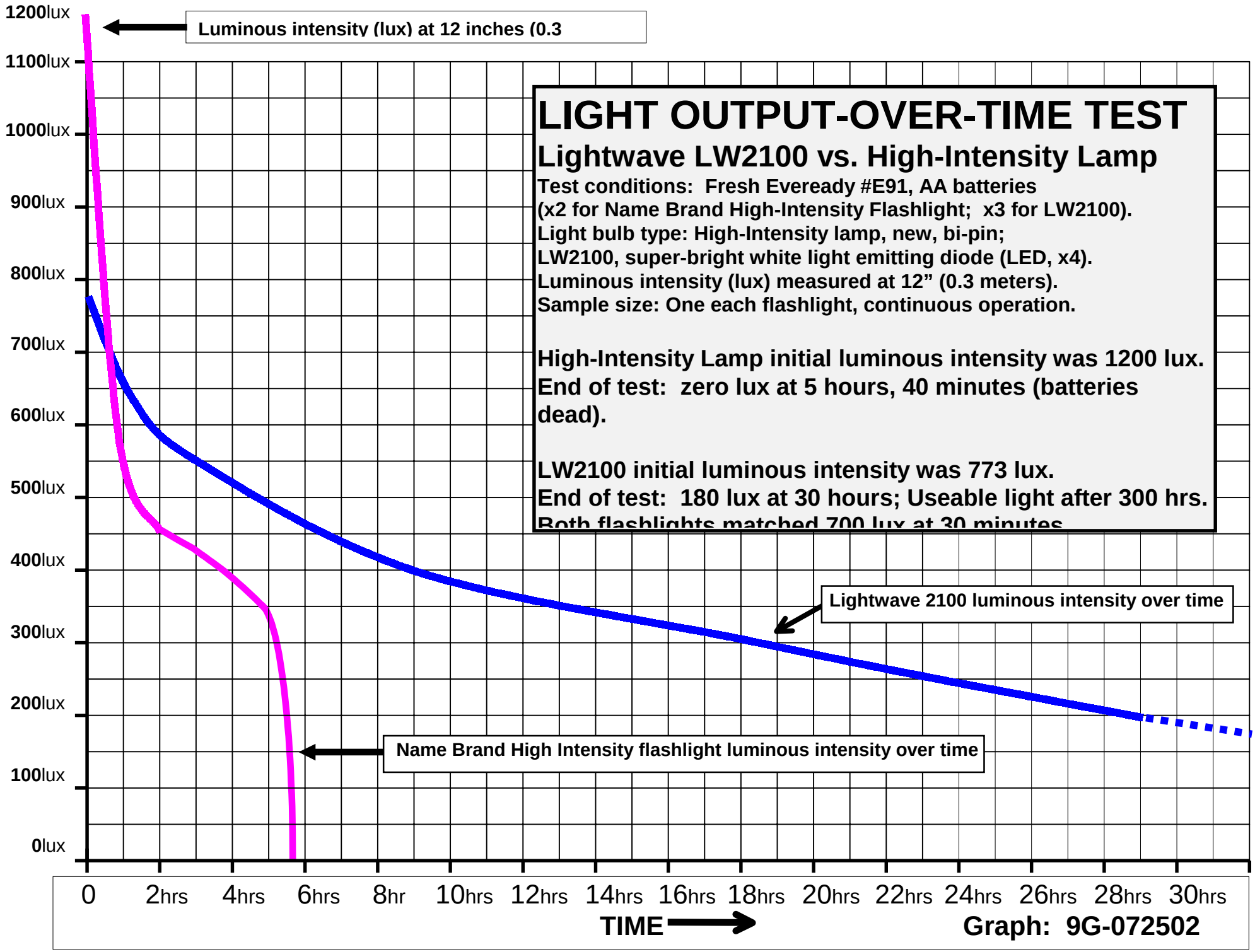
LIGHT OUTPUT-OVER-TIME TEST
Lightwave LW2100 vs. High-Intensity Lamp
Test conditions: Fresh Eveready #E91, AA batteries
(x2 for Name Brand High-Intensity Flashlight; x3 for LW2100).
Light bulb type: High-Intensity lamp, new, bi-pin;
LW2100, super-bright white light emitting diode (LED, x4).
Luminous intensity (lux) measured at 12" (0.3 meters).
Sample size: One each flashlight, continuous operation.
High-Intensity Lamp initial luminous intensity was 1200 lux.
End of test: zero lux at 5 hours, 40 minutes (batteries dead).
LW2100 initial luminous intensity was 773 lux.
End of test: 180 lux at 30 hours; Useable light after 300 hrs.
Both flashlights matched 700 lux at 30 minutes
Luminous intensity (lux) at 12 inches (0.3
Lightwave 2100 luminous intensity over time
Name Brand High Intensity flashlight luminous intensity over time
1200lux
1100lux
1000lux
900lux
800lux
700lux
600lux
500lux
400lux
300lux
200lux
100lux
0lux
0
2hrs
4hrs
6hrs
8hr
10hrs
12hrs
14hrs
16hrs
18hrs
20hrs
22hrs
24hrs
26hrs
28hrs
30hrs
TIME
Graph: 9G-072502