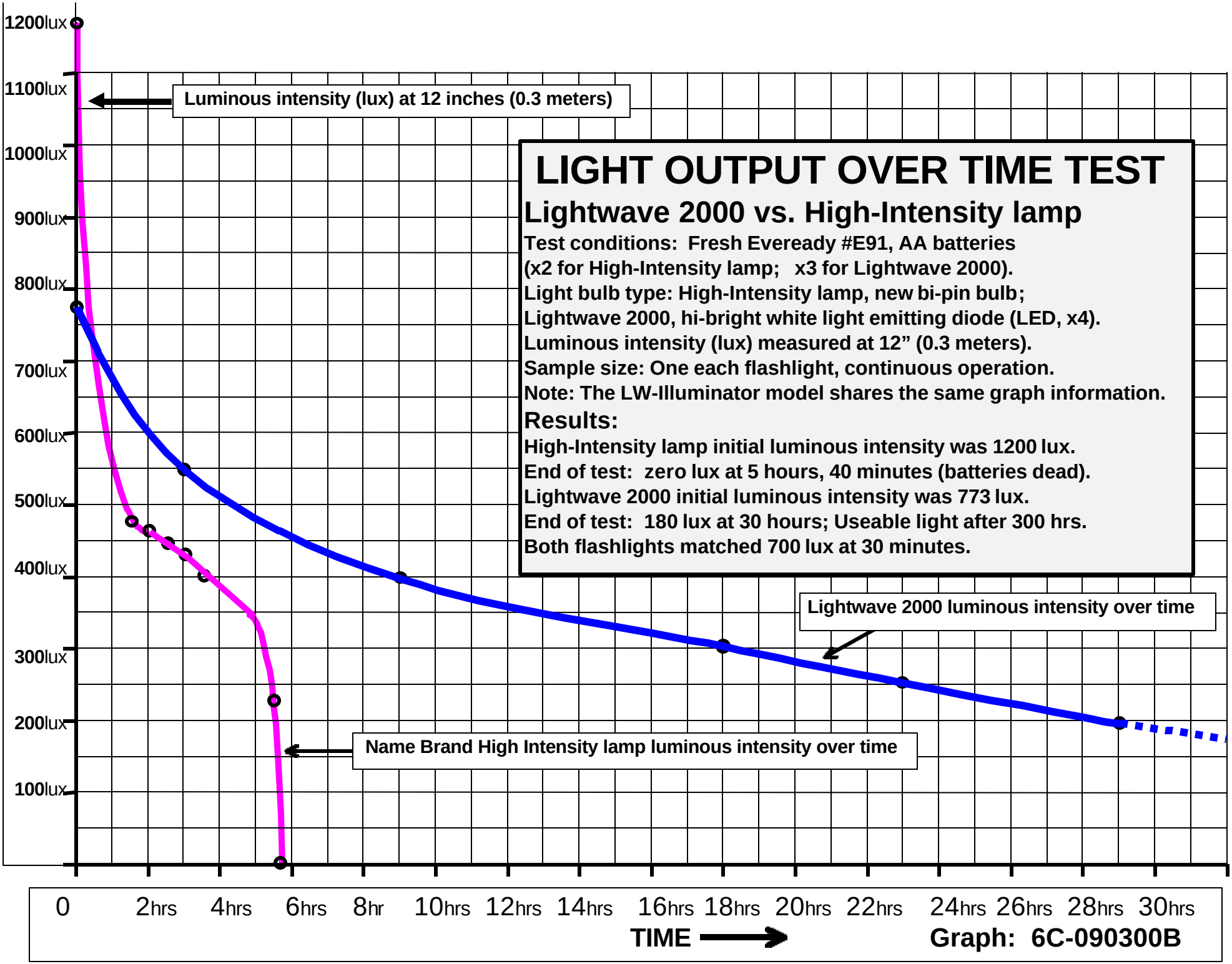
LIGHT OUTPUT OVER TIME TEST
Lightwave 2000 vs. High-Intensity lamp
Test conditions: Fresh Eveready #E91, AA batteries
(x2 for High-Intensity lamp; x3 for Lightwave 2000).
Light bulb type: High-Intensity lamp, new bi-pin bulb;
Lightwave 2000, hi-bright white light emitting diode (LED, x4).
Luminous intensity (lux) measured at 12" (0.3 meters).
Sample size: One each flashlight, continuous operation.
Note: The LW-Illuminator model shares the same graph information.
Results:
High-Intensity lamp initial luminous intensity was 1200 lux.
End of test: zero lux at 5 hours, 40 minutes (batteries dead).
Lightwave 2000 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 meters)
Lightwave 2000 luminous intensity over time
Name Brand High Intensity lamp luminous intensity over time
1200lux
1100lux
1000lux
900lux
800lux
700lux
600lux
500lux
400lux
300lux
200lux
100lux
0
2hrs
4hrs
6hrs
8hr
10hrs
12hrs
14hrs
16hrs
18hrs
20hrs
22hrs
24hrs
26hrs
28hrs
30hrs
TIME
Graph: 6C-090300B