



**Intensity data: (deg , cd) C0-180**

**SPEED:Medium Test Interval:5.0 deg**

A	I	A	I	A	I	A	I	A	I	A	I
-60.0	0.0300	-35.0	0.2758	-10.0	0.4210	15.0	0.4556	40.0	0.3326		
-55.0	0.0683	-30.0	0.2978	-5.0	0.4345	20.0	0.4433	45.0	0.2978		
-50.0	0.1306	-25.0	0.3307	0.0	0.4515	25.0	0.4086	50.0	0.2413		
-45.0	0.1888	-20.0	0.3664	5.0	0.4658	30.0	0.3894	55.0	0.1857		
-40.0	0.2388	-15.0	0.3951	10.0	0.4675	35.0	0.3658	60.0	0.1000		

**Electricity Parameter:**

**Current If:** 20.03mA **Voltage Vf:** 3.133V  
**Power P:** 62.77mW  
**Ir:** 0.0706uA (Vr=10.01V)  
**Vz:** 10.01V (Ir=0.0707uA)

**Optical Parameter(CIE A):**

**Luminous flux:** 0.8292 lm **Eff=13.21 lm/W** **Define: Center**  
**Diffuse angle(deg):** @(25%): 110.8 @(50%): 92.7 @(75%): 63.0 @(50%): 92.7  
**Imax = 0.4675 cd (C=0.0deg,G=10.0deg)C0/180:92.7deg,**  
**C0-180Plane Imax = 0.4675 cd (G=10.0deg) Io = 0.4515 cd @(50%):92.7 Deg**

**Model:GNL-1840BC**  
**Tester:**  
**Temperature:25.3deg**  
**Manufactory:G-nor**

**Number:1**  
**Test Date:2013-10-08**  
**Humidity:65.0% V1.00.111**  
**Remarks:EVERFINE (LED626)**