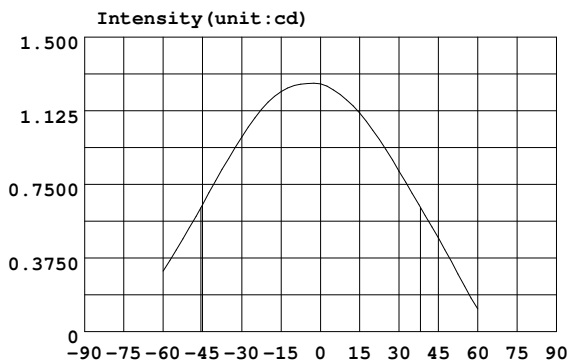
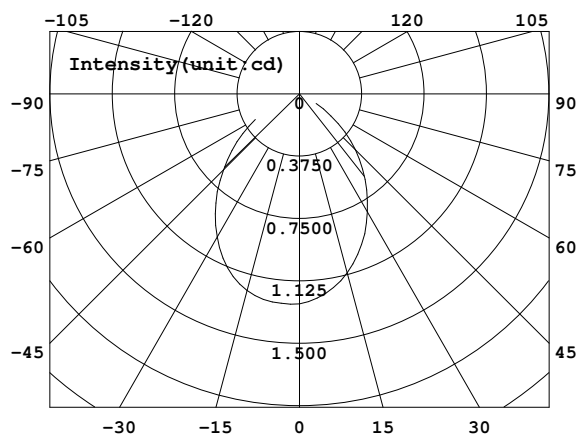




Intensity data: (deg , cd) C0-180

SPEED:Medium Test Interval:5.0 deg

A	I	A	I	A	I	A	I	A	I	A	I
-60.0	0.3084	-35.0	0.8825	-10.0	1.255	15.0	1.114	40.0	0.5904		
-55.0	0.4171	-30.0	0.9919	-5.0	1.264	20.0	1.026	45.0	0.4777		
-50.0	0.5303	-25.0	1.090	0.0	1.262	25.0	0.9285	50.0	0.3578		
-45.0	0.6470	-20.0	1.169	5.0	1.232	30.0	0.8178	55.0	0.2318		
-40.0	0.7692	-15.0	1.223	10.0	1.182	35.0	0.7052	60.0	0.1172		

Electricity Parameter:

Current If: 20.02mA **Voltage Vf:** 3.215V

Power P: 64.37mW

Ir: 0.0655uA (Vr=10.02V)

Vz: 10.01V (Ir=0.0707uA)

Optical Parameter(CIE A):

Luminous flux: 2.127 lm **Eff=33.05 lm/W** **Define: Center**

Diffuse angle(deg): @(25%): 111.2 @(50%): 83.8 @(75%): 56.2 @ (50%): 83.8

Imax = 1.264 cd (C=0.0deg,G=-5.0deg)C0/180:83.8deg,

C0-180Plane Imax = 1.264 cd (G=-5.0deg) Io = 1.262 cd @ (50%):83.8 Deg

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

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