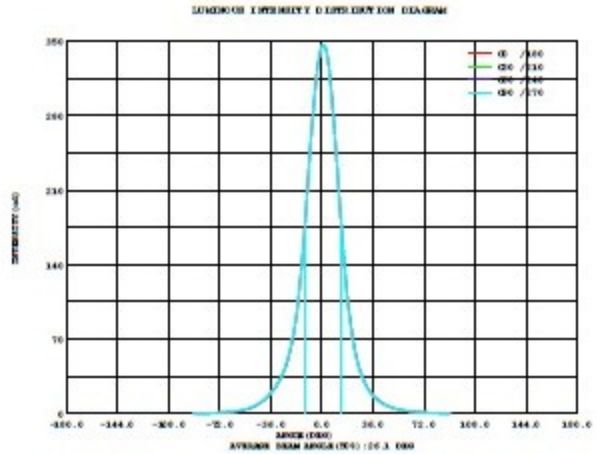
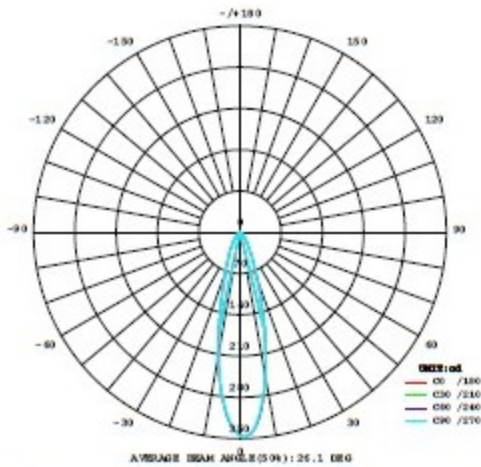




BICOM OPTICS TEST REPORT



Intensity data: (deg , cd) C0 /180

A	I	A	I	A	I	A	I	A	I	A	I
-90.0	0.0308	-58.0	2.646	-26.0	41.99	6.0	314.3	38.0	14.77	70.0	1.258
-88.0	0.0406	-56.0	3.146	-24.0	50.26	8.0	283.6	40.0	12.42	72.0	1.085
-86.0	0.0997	-54.0	3.723	-22.0	60.50	10.0	247.7	42.0	10.28	74.0	0.9429
-84.0	0.1816	-52.0	4.475	-20.0	73.57	12.0	210.6	44.0	8.656	76.0	0.8074
-82.0	0.2750	-50.0	5.377	-18.0	90.44	14.0	173.2	46.0	7.415	78.0	0.6755
-80.0	0.3733	-48.0	6.554	-16.0	112.9	16.0	139.6	48.0	6.273	80.0	0.5599
-78.0	0.4754	-46.0	7.921	-14.0	140.3	18.0	110.5	50.0	5.308	82.0	0.4453
-76.0	0.5843	-44.0	9.604	-12.0	173.1	20.0	88.02	52.0	4.524	84.0	0.3355
-74.0	0.7028	-42.0	11.35	-10.0	210.6	22.0	69.23	54.0	3.884	86.0	0.2336
-72.0	0.8252	-40.0	13.50	-8.0	250.6	24.0	55.76	56.0	3.345	88.0	0.1383
-70.0	0.9621	-38.0	16.18	-6.0	283.6	26.0	44.60	58.0	2.906	90.0	0.0491
-68.0	1.134	-36.0	19.12	-4.0	312.6	28.0	36.74	60.0	2.516		
-66.0	1.331	-34.0	22.44	-2.0	333.9	30.0	30.21	62.0	2.186		
-64.0	1.573	-32.0	26.01	0.0	345.2	32.0	24.83	64.0	1.915		
-62.0	1.859	-30.0	30.54	2.0	346.2	34.0	20.76	66.0	1.668		
-60.0	2.214	-28.0	35.76	4.0	336.0	36.0	17.45	68.0	1.467		

Electricity Parameter:

Voltage : 3.000 V Current : 0.3500 A
 Power P: 1.050 W Power Factor: 1.000

Optical Parameter (Distance: 5.980m) :

Luminous flux = 113.8 lm Efficiency: Eff=108.39 lm/W
 Avg. Beam angle: @ (25%):38.8deg @ (50%):26.1deg @ (75%):16.9deg @ (10%):58.1deg
 C0 /180: @ (25%):38.9deg @ (50%):26.1deg @ (75%):16.9deg @ (10%):58.1deg
 C0 /180 I_{max} = 346.7 cd (G=1.0deg) I_o = 345.2 cd

H(β) Range:-90 - 90DEG
 H(β) Interval: 0.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators: Mc.
 Test Date:2013-03-08

V(B) Range:-90 - 90DEG
 V(B) Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.263
 Humidity:65.0%
 Test Distance:5.980m [K=1.0000]
 Remarks: