



Intensity data:(deg , mcd) C0-180

A	I	A	I	A	I	A	I	A	I	A	I
-90.0	7.347	-58.0	223.8	-26.0	1159	6.0	1640	38.0	961.3	70.0	41.85
-88.0	7.906	-56.0	283.9	-24.0	1214	8.0	1622	40.0	895.1	72.0	27.45
-86.0	10.09	-54.0	346.6	-22.0	1265	10.0	1598	42.0	822.4	74.0	22.59
-84.0	12.84	-52.0	410.3	-20.0	1311	12.0	1567	44.0	757.4	76.0	22.52
-82.0	17.25	-50.0	474.5	-18.0	1357	14.0	1532	46.0	702.2	78.0	22.69
-80.0	19.58	-48.0	536.0	-16.0	1406	16.0	1498	48.0	648.8	80.0	20.10
-78.0	21.01	-46.0	592.6	-14.0	1447	18.0	1454	50.0	594.5	82.0	16.94
-76.0	20.49	-44.0	644.1	-12.0	1486	20.0	1410	52.0	542.2	84.0	13.82
-74.0	18.69	-42.0	697.1	-10.0	1522	22.0	1374	54.0	481.6	86.0	10.80
-72.0	18.80	-40.0	753.8	-8.0	1552	24.0	1339	56.0	413.9	88.0	8.708
-70.0	22.38	-38.0	812.3	-6.0	1577	26.0	1297	58.0	347.0	90.0	7.265
-68.0	33.15	-36.0	871.1	-4.0	1604	28.0	1249	60.0	280.6		
-66.0	53.60	-34.0	931.3	-2.0	1633	30.0	1194	62.0	215.7		
-64.0	83.13	-32.0	991.3	0.0	1649	32.0	1131	64.0	156.8		
-62.0	122.3	-30.0	1048	2.0	1655	34.0	1069	66.0	107.1		
-60.0	169.5	-28.0	1105	4.0	1651	36.0	1018	68.0	68.58		

Electricity Parameter:

Current If: 20.00mA Voltage Vf: 3.21V
 Ir: 0.01uA (Vr=5.00V)
 Power P: 64.23mW

Optical Parameter(CIE A) :

Luminous flux: 2982mlm Efficiency: Eff=46.43lm/W
 Diffuse angle(deg): @(25%): 107.8 @(50%): 79.2 @(75%): 51.2 @(50%): 79.2
 Imax = 1655 mcd (C=0.0deg,G=2.0deg)
 C0-180Plane Imax = 1655 mcd (G=2.0deg) Io = 1649 mcd

LED Type:NFL-1840UWC
 Tester:jason
 Temperature:25.3deg
 Manufactory:FLYING

Number:
 Test Date:2007-11-08
 Humidity:65%
 Remarks: