

LED Downlight SENSE Series S100R1-13W-940-M



Light Output Ratio:	100.0%	
Luminaire Power:	14.37 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.65	fine grid method.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-05-17

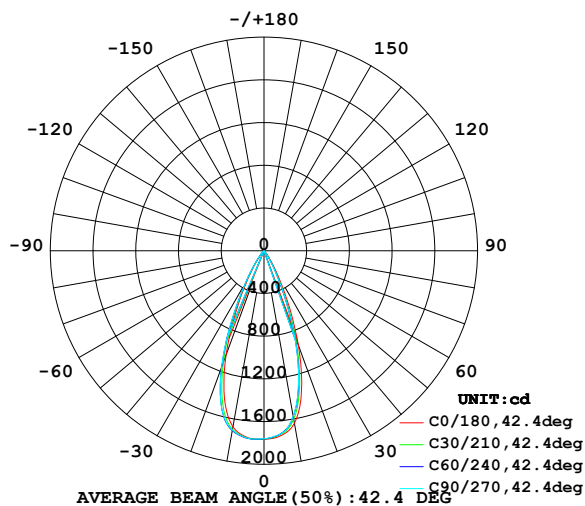
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

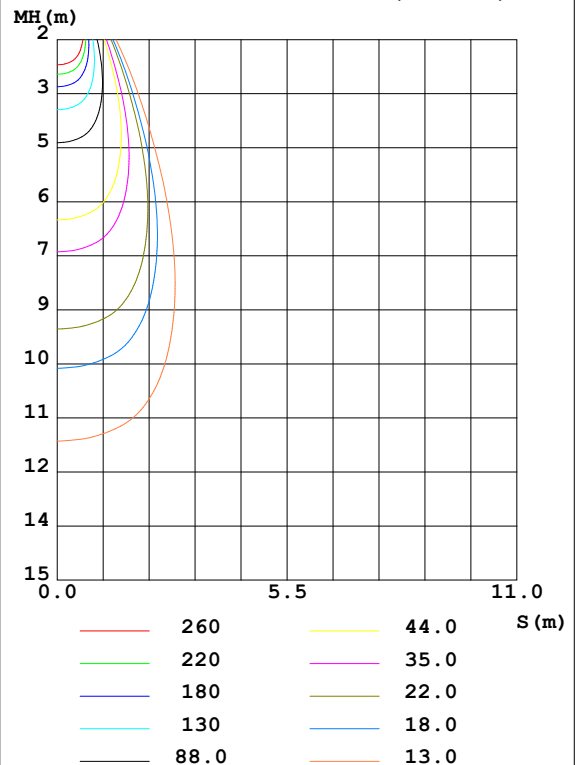
Test:U:220.7V I:0.0710A P:14.37W PF:0.9161 Lamp Flux:888.28lx1 lm		
NAME: S100R1-13W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: ϕ 108mm*H126mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 61.83 lm/W			
MODEL	CITIZEN-4000K	I _{max} (cd)	1768	S/MH (C0/180)	0.67
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	0.70
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	888.28	η UP, DN (C0-180)	0.0, 45.0
NOMINAL FLUX (lm)	888.281	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 55.0
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	0.65

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



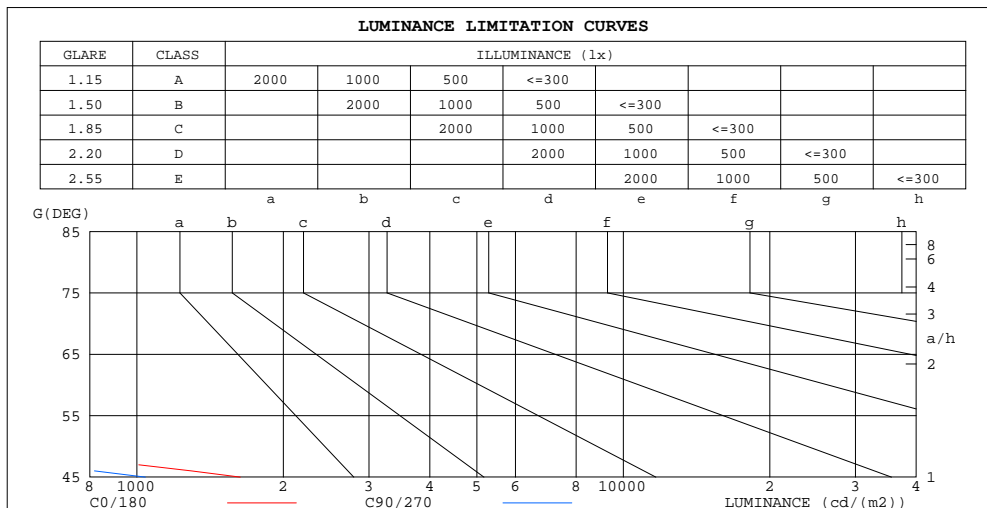
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C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-05-17

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

**ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES**

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	1641	1595	1576	1613	1675	1701	1706	1682	0- 10	163.6	163.6	18.4,18.4
20	941.9	852.0	826.9	909.7	1038	1132	1160	1069	10- 20	377.6	541.2	60.9,60.9
30	237.4	186.5	174.5	220.2	293.9	335.5	345.1	299.5	20- 30	259.7	800.9	90.2,90.2
40	34.75	24.94	23.20	30.43	44.42	53.75	55.73	49.18	30- 40	74.81	875.7	98.6,98.6
50	2.768	2.133	2.038	2.341	3.204	4.331	5.039	4.231	40- 50	11.19	886.9	99.8,99.8
60	0.3005	0.2443	0.2105	0.2159	0.3203	0.4186	0.4752	0.4119	50- 60	1.202	888.1	100,100
70	0.0744	0.0589	0.0635	0.0393	0.0415	0.0634	0.0524	0.0831	60- 70	0.1210	888.2	100,100
80	0.0350	0.0350	0.0328	0.0328	0.0241	0.0306	0.0241	0.0306	70- 80	0.0395	888.2	100,100
90	0.0350	0.0350	0.0372	0.0372	0.0241	0.0241	0.0241	0.0241	80- 90	0.0331	888.3	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



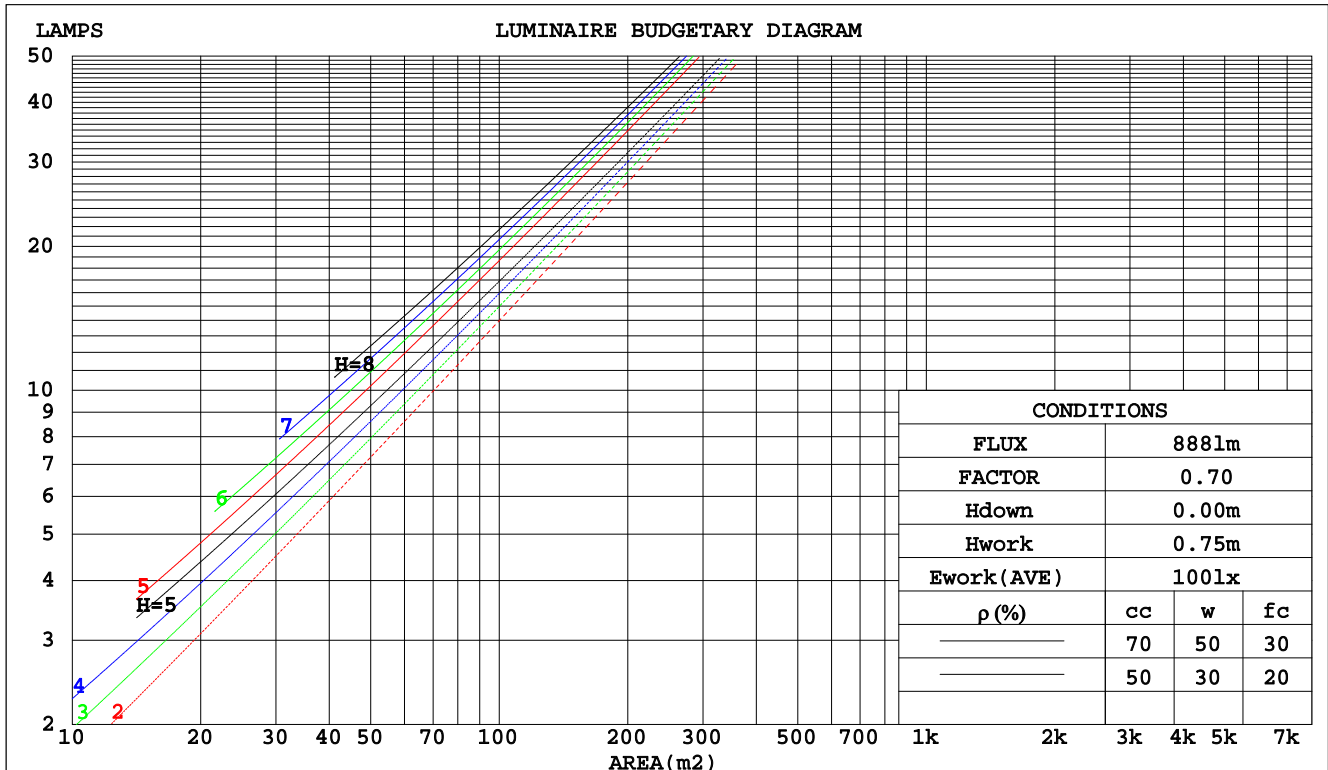
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-17

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
Test Distance:5.850m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.7V I:0.0710A P:14.37W PF:0.9161 Lamp Flux:888.28lx1 lm		
NAME: S100R1-13W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: ϕ 108mm*H126mm	
MFR.: NEKO LIGHTING AG		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



C Range: 0 - 360DEG
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
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Remarks:

WEC AND CCEC

Test:U:220.7V I:0.0710A P:14.37W PF:0.9161 Lamp Flux:888.281x1 lm		
NAME: S100R1-13W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: ϕ 108mm*H126mm	
MFR.: NEKO LIGHTING AG		

ρ_{cc}	80%			70%			50%			30%			10%			0	
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ_{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.154	.088	.028	.147	.084	.027	.135	.077	.025	.123	.071	.023	.113	.065	.021		
2.0	.145	.079	.024	.139	.077	.024	.129	.072	.022	.119	.067	.021	.111	.063	.020		
3.0	.137	.073	.022	.132	.071	.021	.123	.067	.020	.115	.063	.019	.108	.060	.018		
4.0	.130	.067	.020	.126	.066	.019	.118	.063	.019	.111	.060	.018	.105	.057	.017		
5.0	.123	.063	.018	.120	.061	.018	.113	.059	.017	.107	.057	.017	.102	.054	.016		
6.0	.117	.059	.017	.115	.058	.017	.109	.056	.016	.104	.054	.016	.099	.052	.015		
7.0	.112	.056	.016	.110	.055	.016	.105	.053	.015	.100	.051	.015	.096	.050	.015		
8.0	.108	.053	.015	.105	.052	.015	.101	.050	.014	.097	.049	.014	.093	.048	.014		
9.0	.103	.050	.014	.101	.049	.014	.097	.048	.014	.094	.047	.013	.090	.046	.013		
10.0	.099	.048	.013	.098	.047	.013	.094	.046	.013	.091	.045	.013	.088	.044	.013		

ρ_{cc}	80%			70%			50%			30%			10%			0	
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ_{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)										
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020		
1.0	.170	.158	.147	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016		
2.0	.153	.133	.116	.131	.114	.100	.090	.079	.070	.052	.046	.041	.017	.015	.013		
3.0	.139	.113	.093	.119	.098	.081	.082	.068	.057	.047	.040	.033	.015	.013	.011		
4.0	.127	.098	.076	.109	.085	.066	.075	.059	.047	.043	.035	.028	.014	.011	.009		
5.0	.118	.086	.063	.101	.075	.055	.070	.052	.039	.040	.031	.023	.013	.010	.008		
6.0	.110	.077	.053	.094	.066	.046	.065	.046	.033	.038	.027	.019	.012	.009	.006		
7.0	.103	.069	.045	.088	.060	.039	.061	.042	.028	.035	.025	.017	.011	.008	.005		
8.0	.097	.062	.039	.083	.054	.034	.058	.038	.024	.034	.022	.014	.011	.007	.005		
9.0	.092	.057	.034	.079	.049	.029	.055	.035	.021	.032	.021	.012	.010	.007	.004		
10.0	.087	.052	.029	.075	.045	.026	.052	.032	.018	.030	.019	.011	.010	.006	.004		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-05-17

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:52%
 Test Distance:5.850m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.7V I:0.0710A P:14.37W PF:0.9161 Lamp Flux:888.28lx1 lm										
NAME: S100R1-13W-940-M					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					DIM.: ϕ 108mm*H126mm					
MFR.: NEKO LIGHTING AG										
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	8.1	8.9	8.3	9.1	9.2	6.2	7.0	6.4	7.1	7.3
3H	8.0	8.7	8.2	8.9	9.1	6.0	6.7	6.3	6.9	7.1
4H	7.9	8.6	8.2	8.8	9.0	5.9	6.6	6.2	6.8	7.1
6H	7.8	8.4	8.1	8.7	8.9	5.9	6.5	6.1	6.7	7.0
8H	7.8	8.4	8.1	8.6	8.9	5.8	6.4	6.1	6.7	6.9
12H	7.7	8.3	8.0	8.6	8.8	5.8	6.4	6.1	6.6	6.9
4H 2H	7.9	8.6	8.2	8.8	9.0	5.9	6.6	6.2	6.8	7.1
3H	7.7	8.3	8.0	8.6	8.8	5.8	6.4	6.1	6.6	6.9
4H	7.6	8.2	8.0	8.5	8.8	5.7	6.2	6.0	6.5	6.8
6H	7.5	8.0	7.9	8.3	8.7	5.6	6.1	5.9	6.4	6.7
8H	7.5	7.9	7.9	8.3	8.6	5.5	6.0	5.9	6.3	6.7
12H	7.4	7.8	7.8	8.2	8.6	5.5	5.9	5.9	6.2	6.6
8H 4H	7.5	7.9	7.9	8.3	8.6	5.5	6.0	5.9	6.3	6.7
6H	7.4	7.7	7.8	8.1	8.5	5.4	5.8	5.8	6.2	6.6
8H	7.3	7.6	7.7	8.0	8.5	5.4	5.7	5.8	6.1	6.5
12H	7.2	7.5	7.7	8.0	8.4	5.3	5.6	5.8	6.0	6.5
12H 4H	7.4	7.8	7.8	8.2	8.6	5.5	5.9	5.9	6.2	6.6
6H	7.3	7.6	7.7	8.0	8.5	5.4	5.7	5.8	6.1	6.5
8H	7.2	7.5	7.7	8.0	8.4	5.3	5.6	5.8	6.0	6.5
Variations with the observer position at spacings:										
S = 1.0H	+ 4.7 / -20.1					+ 4.2 / -19.4				
1.5H	+ 7.3 / -16.7					+ 6.8 / -15.4				
2.0H	+ 8.4 / -14.7					+ 7.6 / -12.6				

CIE Pub.117 Corrected 888.3 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.4)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-17

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
Test Distance:5.850m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.7V I:0.0710A P:14.37W PF:0.9161 Lamp Flux:888.281x1 lm		
NAME: S100R1-13W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: ϕ 108mm*H126mm	
MFR.: NEKO LIGHTING AG		

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	91	85	82	90	85	81	89	84	81	78
0.80	98	92	89	97	92	89	96	92	89	85
1.00	102	97	93	101	96	93	99	96	92	89
1.25	105	100	97	104	100	97	102	99	96	92
1.50	108	103	100	106	103	100	104	101	99	95
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	110	107	104	107	104	102	97
3.00	113	110	107	111	108	106	108	105	104	98
4.00	114	112	110	112	110	109	109	107	106	99
5.00	116	114	112	114	112	110	110	108	107	100
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:52%
 Test Distance:5.850m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:220.7V I:0.0710A P:14.37W PF:0.9161 Lamp Flux:888.281x1 lm		
NAME: S100R1-13W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: ϕ 108mm*H126mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

884.2 lm

%lum = 99.5%

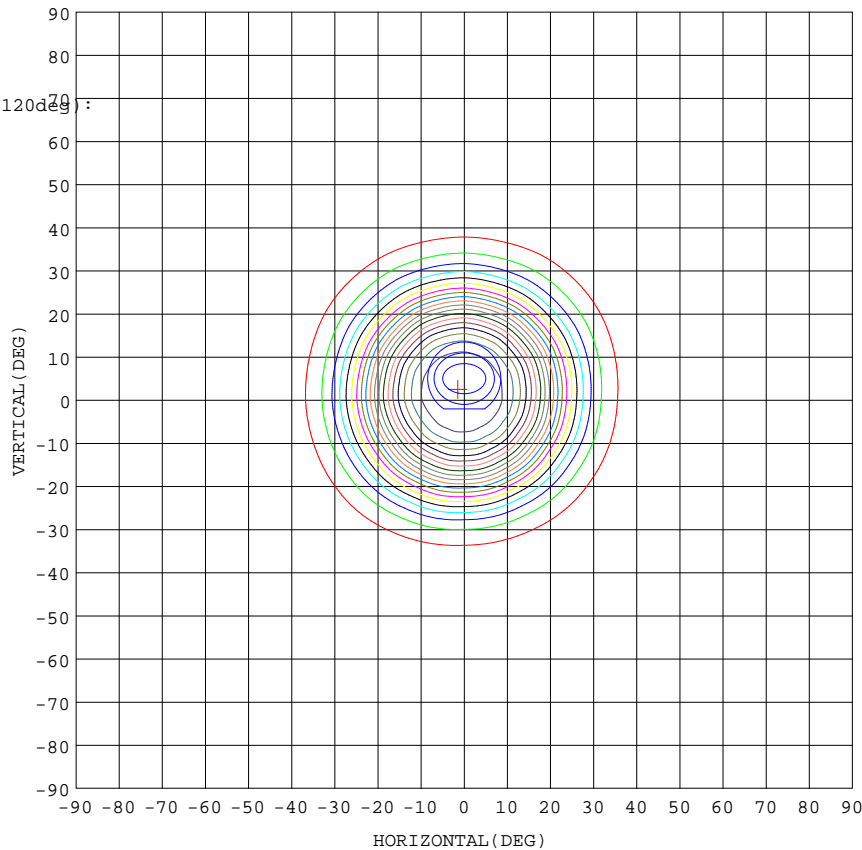
%lamp = 99.5%

Conical surface Flux(120deg):

888.09 lm

%lum = 100.0%

%lamp = 100.0%



5% 88.40
10% 176.8
15% 265.2
20% 353.6
25% 442.0
30% 530.4
35% 618.8
40% 707.2
45% 795.6
50% 884.0
55% 972.4
60% 1061
65% 1149
70% 1238
75% 1326
80% 1414
85% 1503
90% 1591
95% 1680

1. AVG=1752,MIN=1725
2. AVG=1740,MIN=1683
3. AVG=1723,MIN=1603

Imax:1768(H-1.5,V2.5)
(At:C=240.0,Gamma=3.0)

UNIT: cd

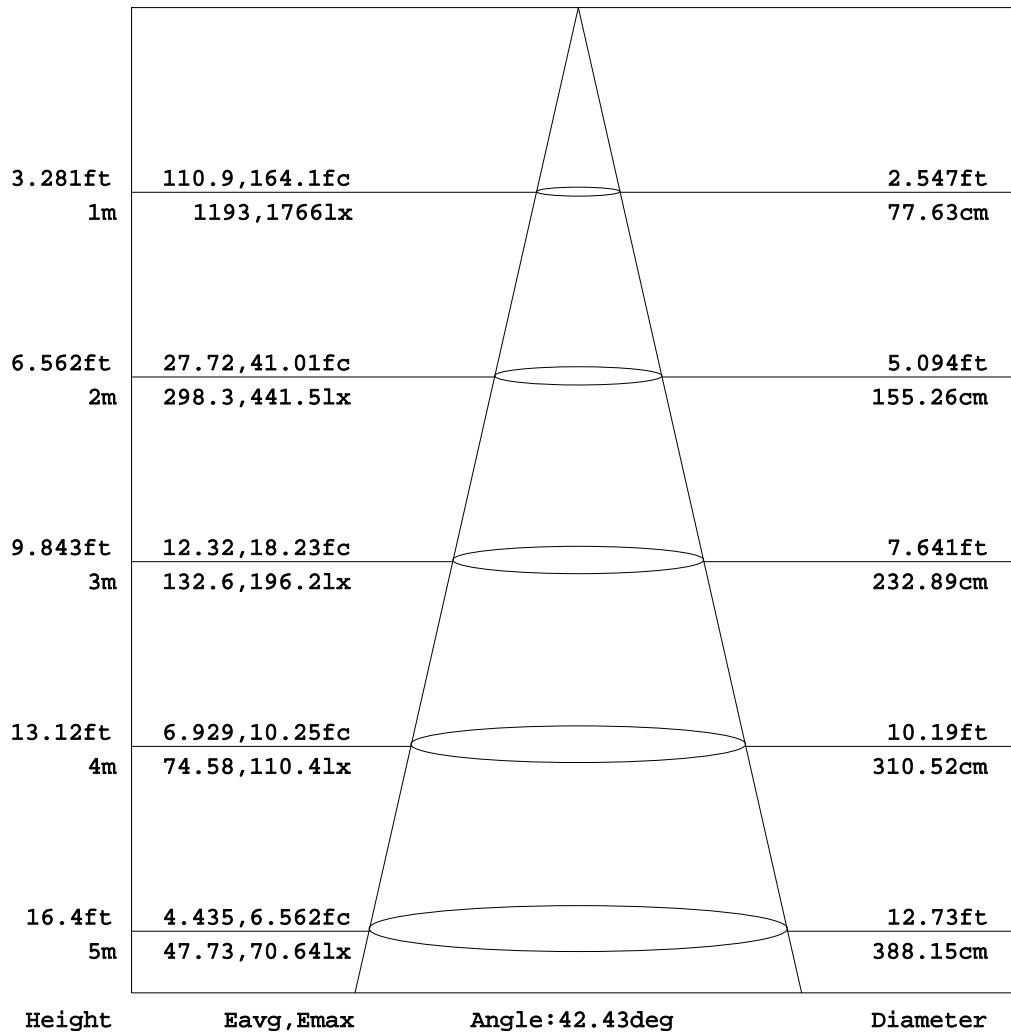
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AAI Figure

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NAME: S100R1-13W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: ϕ 108mm*H126mm	
MFR.: NEKO LIGHTING AG		

Flux out:612.0 lm



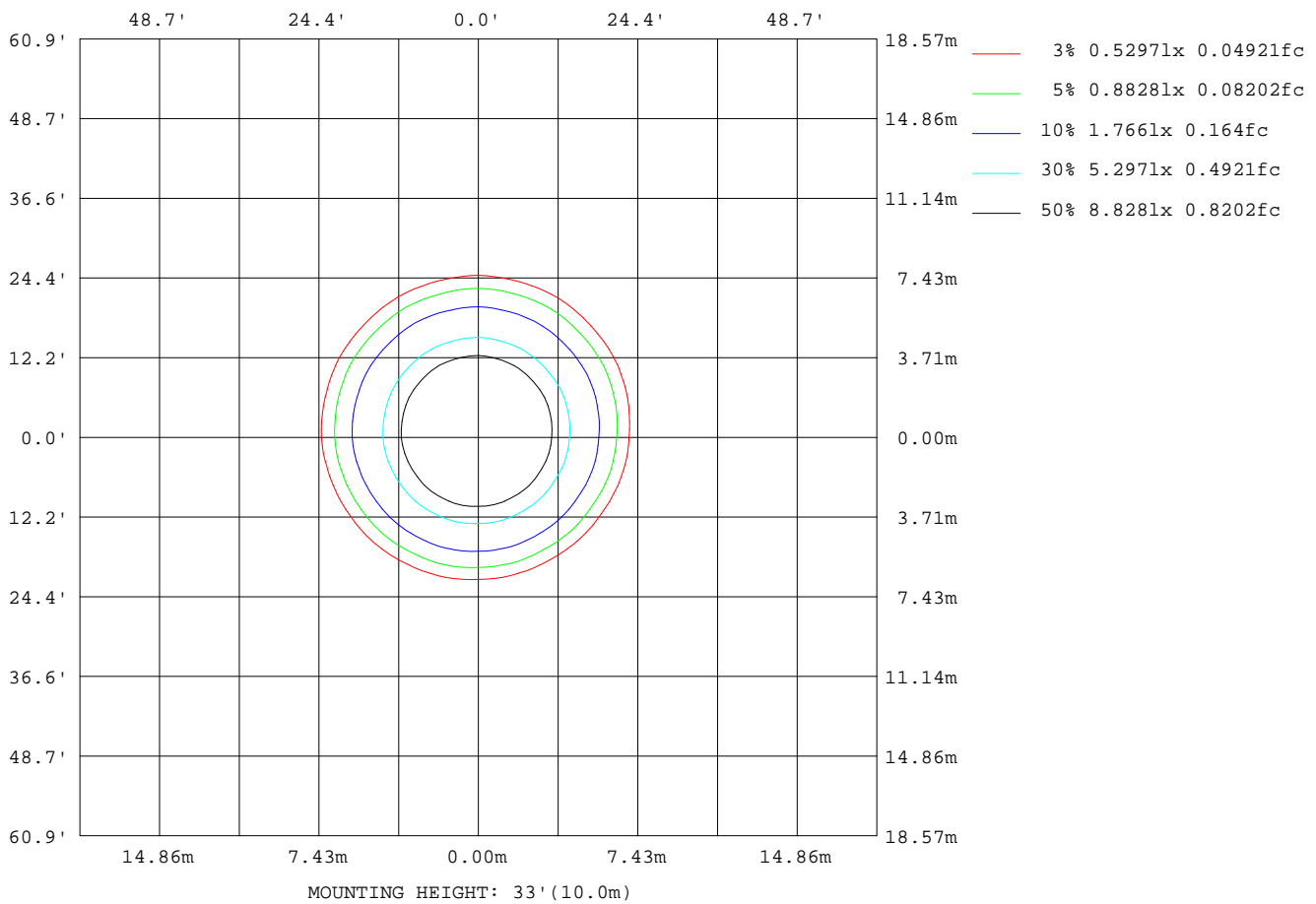
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
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Remarks:

ISOLUX DIAGRAM

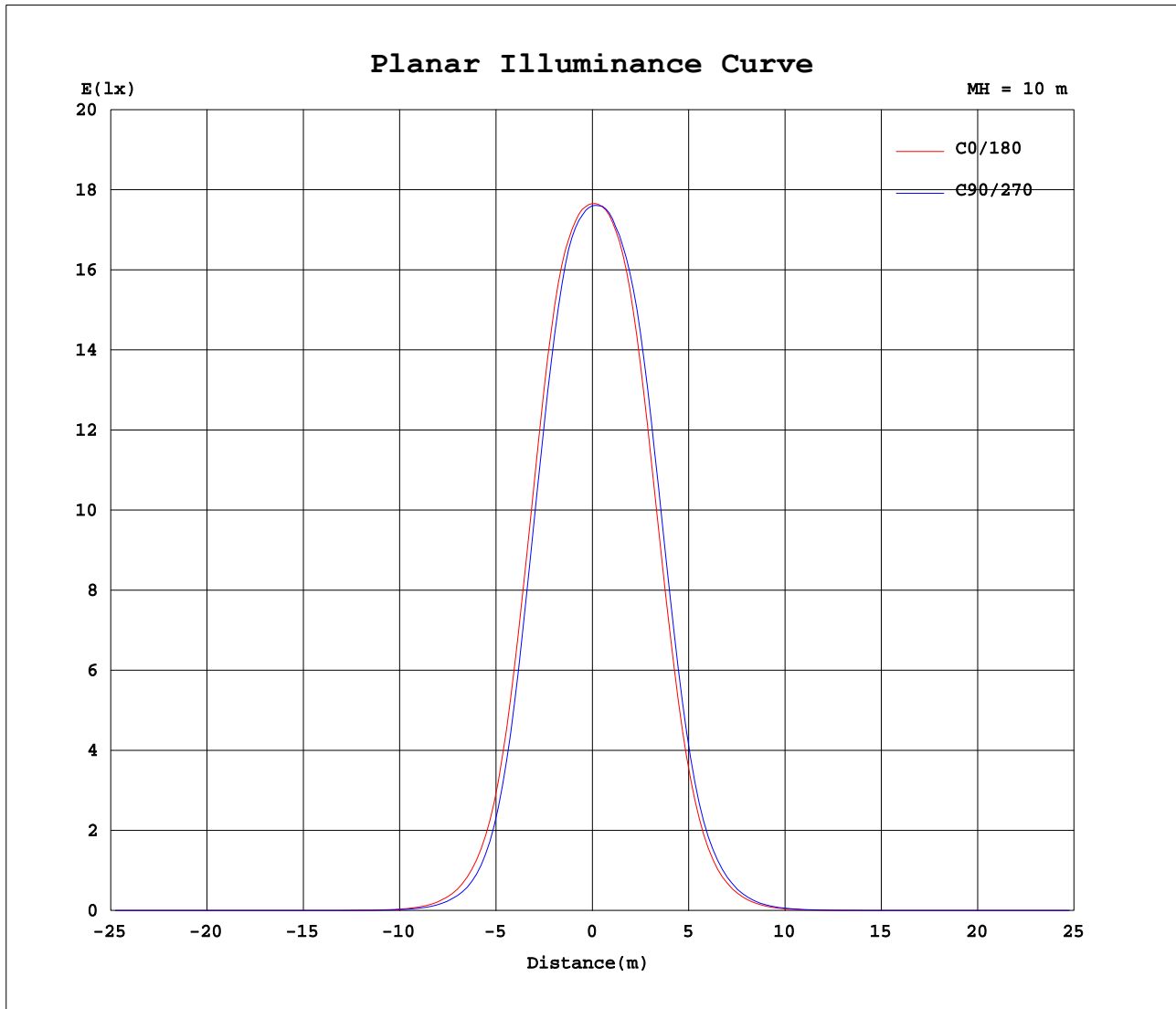
Test:U:220.7V I:0.0710A P:14.37W PF:0.9161 Lamp Flux:888.28lx 1m		
NAME: S100R1-13W-940-M	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: ϕ 108mm*H126mm	
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Planar Illuminance Curve



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Photometric Data Table [cd]

G/C	0.0	15.0	30.0	45.0	60.0	75.0	90.0	105.0	120.0	135.0
0.0	1766	1765	1763	1762	1761	1761	1760	1760	1759	1759
3.0	1758	1754	1749	1748	1745	1745	1743	1746	1748	1751
6.0	1730	1724	1718	1713	1707	1708	1710	1714	1717	1722
9.0	1673	1663	1643	1636	1622	1626	1621	1631	1634	1652
12.0	1551	1530	1500	1489	1471	1475	1468	1484	1490	1519
15.0	1360	1329	1293	1279	1256	1262	1256	1277	1285	1319
18.0	1117	1086	1043	1031	1007	1012	1007	1032	1045	1081
21.0	851.7	819.6	775.0	761.6	735.2	740.8	735.7	764.5	780.5	822.2
24.0	593.6	562.6	524.8	505.4	483.9	489.0	490.1	515.1	533.5	568.9
27.0	381.4	358.7	325.8	314.1	298.9	301.3	299.4	318.9	333.5	363.7
30.0	237.4	220.4	197.8	186.5	174.2	174.6	174.5	187.4	198.0	220.2
33.0	142.0	131.4	112.8	105.4	98.41	97.94	99.02	106.7	114.5	130.4
36.0	80.29	72.47	63.18	59.30	55.78	55.35	56.62	60.32	64.78	73.00
39.0	43.54	38.97	33.70	31.43	28.98	28.93	29.25	31.63	34.04	38.50
42.0	21.83	19.50	16.82	15.58	14.26	14.34	15.52	16.44	18.78	21.78
45.0	10.56	9.452	8.082	7.472	6.738	6.794	6.741	7.341	7.599	8.728
48.0	4.810	4.324	3.661	3.373	3.038	3.062	3.001	3.210	3.298	3.735
51.0	2.209	2.079	1.915	1.843	1.755	1.769	1.768	1.841	1.880	2.020
54.0	1.333	1.268	1.146	1.107	1.020	1.032	1.004	1.061	1.064	1.179
57.0	0.6383	0.6133	0.5570	0.5369	0.4847	0.4888	0.4649	0.4909	0.4804	0.5367
60.0	0.3005	0.2792	0.2697	0.2443	0.2303	0.2116	0.2105	0.2007	0.2084	0.2159
63.0	0.1295	0.1091	0.1251	0.1027	0.1161	0.0940	0.1073	0.0809	0.0921	0.0743
66.0	0.0962	0.0743	0.1050	0.0918	0.1072	0.0852	0.0963	0.0677	0.0809	0.0634
69.0	0.0810	0.0590	0.0832	0.0677	0.0941	0.0677	0.0745	0.0480	0.0678	0.0480
72.0	0.0591	0.0328	0.0570	0.0371	0.0483	0.0328	0.0417	0.0350	0.0417	0.0328
75.0	0.0372	0.0350	0.0372	0.0350	0.0415	0.0328	0.0350	0.0350	0.0350	0.0328
78.0	0.0350	0.0350	0.0372	0.0350	0.0372	0.0328	0.0350	0.0350	0.0350	0.0328
81.0	0.0350	0.0350	0.0350	0.0350	0.0372	0.0350	0.0328	0.0350	0.0350	0.0328
84.0	0.0350	0.0350	0.0350	0.0350	0.0372	0.0328	0.0350	0.0350	0.0350	0.0371
87.0	0.0350	0.0372	0.0350	0.0350	0.0372	0.0372	0.0350	0.0372	0.0350	0.0350
90.0	0.0350	0.0372	0.0350	0.0350	0.0372	0.0372	0.0372	0.0372	0.0350	0.0372

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1758	1758	1766	1765	1763	1762	1761	1761	1760	1760
3.0	1752	1754	1764	1765	1766	1767	1768	1768	1766	1764
6.0	1726	1734	1747	1750	1756	1758	1758	1756	1756	1752
9.0	1661	1677	1701	1709	1718	1719	1726	1724	1722	1718
12.0	1531	1560	1600	1617	1641	1650	1663	1660	1660	1649
15.0	1343	1385	1431	1456	1493	1508	1529	1526	1529	1508
18.0	1104	1152	1208	1234	1278	1299	1325	1323	1325	1301
21.0	847.7	895.4	951.4	979.2	1025	1042	1074	1067	1072	1041
24.0	595.1	642.4	692.3	717.1	755.9	769.4	797.4	790.5	796.3	768.3
27.0	388.3	426.2	465.6	482.7	513.1	526.6	541.5	539.4	540.6	519.6
30.0	237.2	263.9	293.9	308.3	329.7	335.5	347.4	341.6	345.1	328.6
33.0	138.8	156.3	176.0	186.8	201.1	205.9	214.0	211.6	214.5	205.6
36.0	80.07	90.28	102.1	109.0	117.6	119.1	127.1	122.9	127.2	120.3
39.0	42.29	48.45	55.77	60.78	64.99	65.95	68.78	67.93	69.54	67.45
42.0	20.52	23.58	27.54	29.38	32.34	32.66	34.23	33.57	34.71	33.82
45.0	9.418	11.02	12.90	13.77	15.29	15.60	16.66	16.38	17.09	16.55
48.0	4.057	4.806	5.698	6.187	7.021	7.365	7.977	7.992	8.318	8.065
51.0	2.121	2.308	2.558	2.734	3.100	3.322	3.685	3.725	3.868	3.658
54.0	1.254	1.404	1.569	1.678	1.860	1.925	2.043	2.032	2.074	1.975
57.0	0.5659	0.6525	0.7415	0.7870	0.9071	0.9601	1.053	1.050	1.090	1.026
60.0	0.2392	0.2726	0.3203	0.3397	0.3923	0.4186	0.4686	0.4559	0.4752	0.4536
63.0	0.0944	0.0894	0.1067	0.1317	0.1394	0.1646	0.1720	0.1864	0.1829	0.1908
66.0	0.0809	0.0634	0.0634	0.0787	0.0634	0.0810	0.0634	0.0832	0.0699	0.0898
69.0	0.0678	0.0459	0.0480	0.0678	0.0503	0.0678	0.0524	0.0722	0.0590	0.0766
72.0	0.0438	0.0328	0.0284	0.0503	0.0306	0.0547	0.0371	0.0569	0.0414	0.0656
75.0	0.0350	0.0328	0.0241	0.0350	0.0241	0.0350	0.0219	0.0328	0.0284	0.0372
78.0	0.0350	0.0328	0.0241	0.0328	0.0241	0.0328	0.0219	0.0328	0.0241	0.0328
81.0	0.0328	0.0328	0.0241	0.0284	0.0241	0.0263	0.0219	0.0306	0.0241	0.0306
84.0	0.0328	0.0328	0.0241	0.0284	0.0241	0.0262	0.0219	0.0262	0.0241	0.0284
87.0	0.0328	0.0328	0.0241	0.0263	0.0241	0.0262	0.0219	0.0262	0.0241	0.0262
90.0	0.0328	0.0328	0.0241	0.0241	0.0241	0.0241	0.0219	0.0262	0.0241	0.0262

G/C	300.0	315.0	330.0	345.0
0.0	1759	1759	1758	1758
3.0	1762	1759	1755	1752
6.0	1748	1742	1737	1729
9.0	1713	1703	1696	1681
12.0	1644	1622	1609	1577
15.0	1498	1464	1444	1398
18.0	1283	1244	1217	1164
21.0	1025	977.5	952.3	899.3

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-05-17

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity: 52%
 Test Distance: 5.850m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

24.0	750.5	708.5	685.8	637.5
27.0	503.3	470.2	453.8	417.3
30.0	320.3	299.5	288.3	262.4
33.0	201.2	187.0	178.4	161.2
36.0	118.9	110.0	104.4	92.58
39.0	66.28	61.28	57.71	50.74
42.0	33.90	31.31	29.55	25.68
45.0	16.75	15.41	14.53	12.44
48.0	8.010	7.277	6.814	5.755
51.0	3.577	3.195	2.950	2.494
54.0	1.923	1.761	1.652	1.465
57.0	0.9966	0.8919	0.8310	0.7232
60.0	0.4535	0.4119	0.3858	0.3331
63.0	0.1808	0.1798	0.1569	0.1447
66.0	0.0787	0.1006	0.0809	0.0919
69.0	0.0634	0.0875	0.0677	0.0787
72.0	0.0480	0.0722	0.0480	0.0591
75.0	0.0241	0.0328	0.0241	0.0350
78.0	0.0241	0.0306	0.0241	0.0350
81.0	0.0241	0.0306	0.0241	0.0306
84.0	0.0241	0.0284	0.0241	0.0306
87.0	0.0241	0.0262	0.0241	0.0284
90.0	0.0241	0.0241	0.0241	0.0262

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-05-17

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks: