

GONIOPHOTOMETERS SYSTEM TEST REPORT

LED Downlight Sense Series S45R1-4W-930-35



Light Output Ratio:	100.0%	
Luminaire Power:	5.124 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.60	fine grid method.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2018-01-15

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:

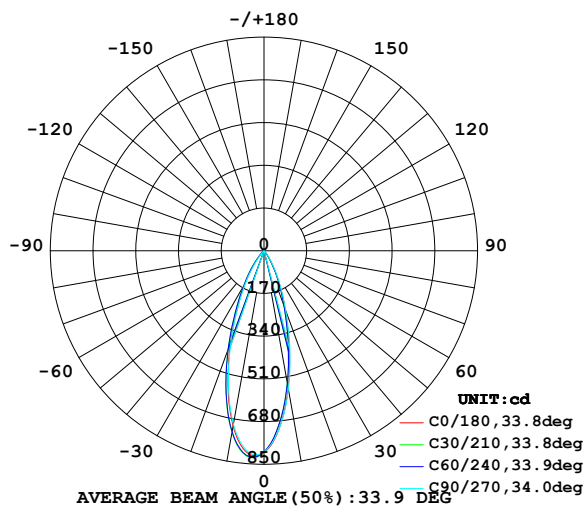
GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

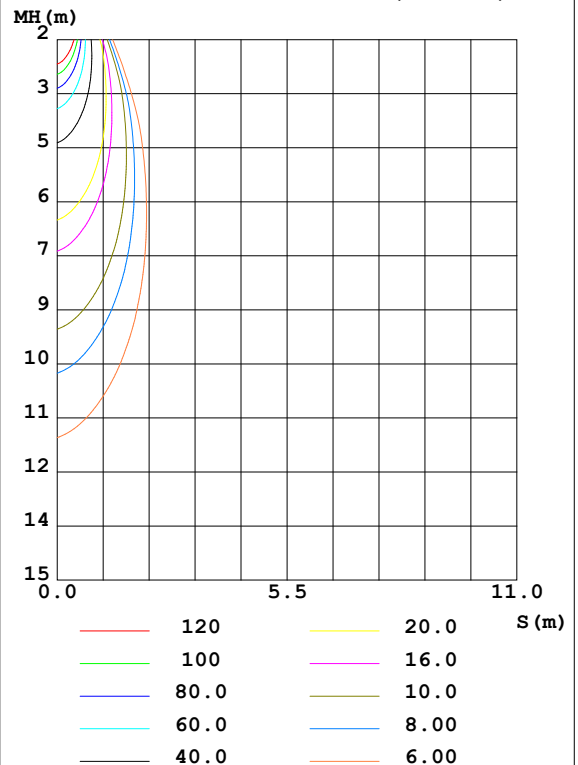
Test:U:220.7V I:0.0304A P:5.124W PF:0.7638 Lamp Flux:335.495x1 lm		
NAME: S45R1-4W-930-35	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: ϕ 55mm*H60mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 65.48 lm/W			
MODEL	CREE-3000K	I _{max} (cd)	824.9	S/MH (C0/180)	0.64
NOMINAL POWER (W)	6	LOR (%)	100.0	S/MH (C90/270)	0.63
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	335.49	η UP,DN (C0-180)	0.0,43.5
NOMINAL FLUX (lm)	335.495	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,56.5
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2018-01-15

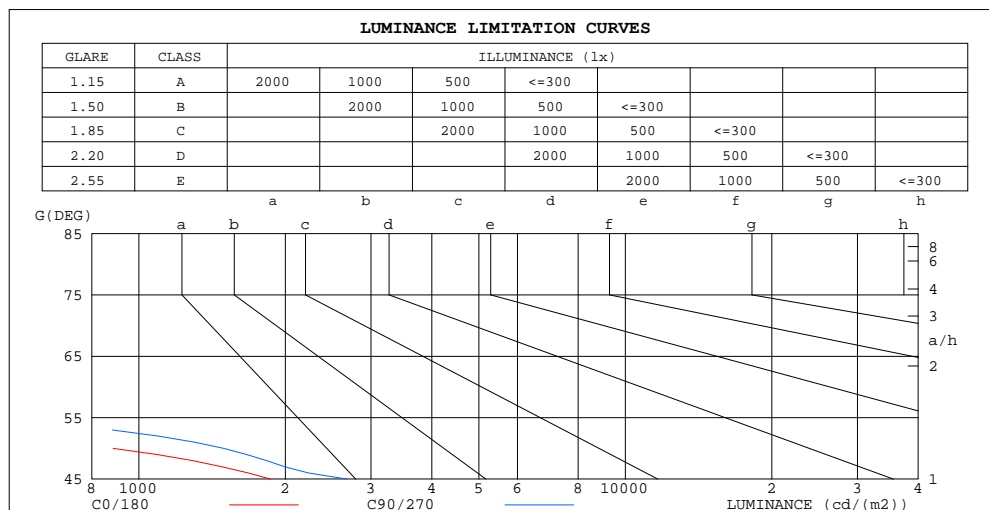
γ Range: 0 - 90DEG
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 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity: 52%
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ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	555.1	536.2	559.6	628.7	708.3	733.4	701.3	619.4	0- 10	67.96	67.96	20.3,20.3
20	248.8	234.1	254.4	313.9	389.9	418.2	384.5	304.4	10- 20	129.1	197.0	58.7,58.7
30	72.96	72.04	83.86	113.4	150.7	163.8	145.8	101.2	20- 30	91.55	288.6	86,86
40	9.790	10.06	15.22	27.62	40.39	42.94	31.20	17.11	30- 40	37.21	325.8	97.1,97.1
50	1.351	1.519	2.282	3.754	6.226	5.451	3.072	2.026	40- 50	7.837	333.6	99.4,99.4
60	0.2999	0.3146	0.4727	0.6425	1.014	0.8569	0.5003	0.3763	50- 60	1.327	334.9	99.8,99.8
70	0.1379	0.1420	0.2167	0.3124	0.3585	0.3238	0.2119	0.1597	60- 70	0.3506	335.3	99.9,99.9
80	0.0416	0.0284	0.0767	0.1114	0.1550	0.1466	0.0742	0.0569	70- 80	0.1615	335.5	100,100
90	0.0044	0.0022	0.0022	0.0044	0.0262	0.0284	0.0022	0	80- 90	0.0445	335.5	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		



LUMINANCE cd/(m2)		
G(°)	C0/180	C90/270
85	43	148
80	101	186
75	135	221
70	170	267
65	205	314
60	253	398
55	353	517
50	885	1495
45	1866	2682

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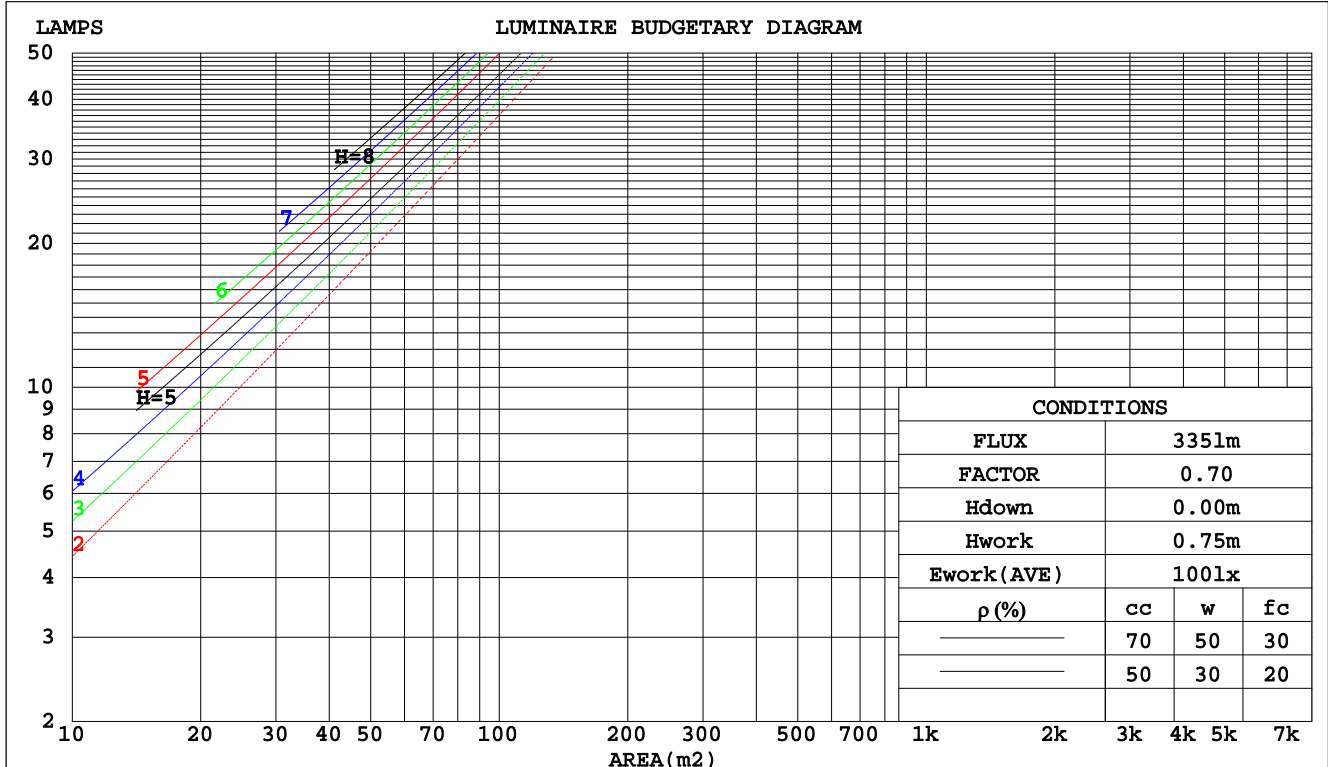
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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.7V I:0.0304A P:5.124W PF:0.7638 Lamp Flux:335.495x1 lm		
NAME: S45R1-4W-930-35	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: ϕ 55mm*H60mm	
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						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.99	.98	.97	.95
2.0	1.05	1.02	.99	1.04	1.01	.98	1.01	.98	.96	.98	.96	.94	.95	.93	.92	.90
3.0	.00	.95	.92	.98	.94	.91	.96	.93	.90	.93	.91	.89	.91	.89	.87	.86
4.0	.95	.90	.86	.93	.89	.86	.91	.88	.85	.89	.86	.84	.88	.85	.83	.82
5.0	.90	.85	.81	.89	.84	.81	.87	.83	.80	.86	.82	.80	.84	.81	.79	.78
6.0	.86	.81	.77	.85	.80	.77	.83	.79	.76	.82	.78	.76	.81	.78	.75	.74
7.0	.82	.77	.73	.81	.76	.73	.80	.76	.73	.79	.75	.72	.78	.74	.72	.71
8.0	.78	.73	.70	.78	.73	.70	.77	.72	.69	.76	.72	.69	.75	.71	.69	.68
9.0	.75	.70	.67	.74	.70	.66	.74	.69	.66	.73	.69	.66	.72	.68	.66	.65
10.0	.72	.67	.64	.71	.67	.64	.71	.66	.63	.70	.66	.63	.69	.66	.63	.62



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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
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WEC AND CCEC

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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	.157	.089	.028	.150	.085	.027	.137	.079	.025	.126	.073	.023	.115	.067	.022		
2.0	.148	.081	.025	.142	.078	.024	.132	.073	.023	.122	.069	.021	.113	.064	.020		
3.0	.140	.074	.022	.135	.072	.022	.126	.068	.021	.118	.065	.020	.111	.061	.019		
4.0	.132	.069	.020	.128	.067	.020	.121	.064	.019	.114	.061	.018	.107	.058	.018		
5.0	.126	.064	.019	.122	.063	.018	.116	.060	.018	.110	.058	.017	.104	.056	.017		
6.0	.120	.060	.017	.117	.059	.017	.111	.057	.017	.106	.055	.016	.101	.053	.016		
7.0	.114	.057	.016	.112	.056	.016	.107	.054	.016	.102	.052	.015	.098	.051	.015		
8.0	.110	.054	.015	.107	.053	.015	.103	.051	.015	.099	.050	.014	.095	.049	.014		
9.0	.105	.051	.014	.103	.050	.014	.099	.049	.014	.095	.048	.014	.092	.047	.013		
10.0	.101	.048	.013	.099	.048	.013	.096	.047	.013	.092	.046	.013	.089	.045	.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	.157	.146	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.153	.133	.115	.131	.114	.100	.090	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.139	.113	.093	.119	.098	.080	.082	.068	.056	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.076	.110	.085	.066	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.119	.086	.063	.102	.075	.055	.070	.052	.039	.041	.031	.023	.013	.010	.008	
6.0	.110	.077	.053	.095	.067	.046	.066	.047	.032	.038	.027	.019	.012	.009	.006	
7.0	.104	.069	.045	.089	.060	.039	.062	.042	.028	.036	.025	.016	.012	.008	.005	
8.0	.098	.062	.038	.084	.054	.033	.058	.038	.024	.034	.022	.014	.011	.007	.005	
9.0	.092	.057	.033	.079	.050	.029	.055	.035	.021	.032	.021	.012	.010	.007	.004	
10.0	.088	.053	.029	.076	.046	.025	.052	.032	.018	.031	.019	.011	.010	.006	.004	

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

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UGR(Unified Glare Rating) Table

Test:U:220.7V I:0.0304A P:5.124W PF:0.7638 Lamp Flux:335.495x1 lm		
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SPEC.:3000K	DIM.: ϕ 55mm*H60mm	
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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	8.7	9.5	9.0	9.7	9.9	9.4	10.2	9.6	10.4	10.5
3H	8.6	9.3	8.8	9.5	9.7	9.3	10.0	9.5	10.2	10.4
4H	8.5	9.2	8.8	9.4	9.6	9.2	9.9	9.4	10.1	10.3
6H	8.4	9.1	8.7	9.3	9.6	9.1	9.7	9.4	10.0	10.2
8H	8.4	9.0	8.7	9.3	9.5	9.1	9.7	9.4	9.9	10.2
12H	8.3	8.9	8.6	9.2	9.5	9.0	9.6	9.3	9.9	10.1
4H 2H	8.5	9.2	8.8	9.4	9.6	9.2	9.9	9.4	10.1	10.3
3H	8.3	8.9	8.6	9.2	9.5	9.0	9.6	9.3	9.9	10.1
4H	8.2	8.8	8.6	9.1	9.4	8.9	9.5	9.3	9.8	10.1
6H	8.1	8.6	8.5	9.0	9.3	8.8	9.3	9.2	9.6	10.0
8H	8.1	8.5	8.5	8.9	9.3	8.8	9.2	9.2	9.6	9.9
12H	8.0	8.5	8.4	8.8	9.2	8.7	9.1	9.1	9.5	9.9
8H 4H	8.1	8.5	8.5	8.9	9.3	8.8	9.2	9.2	9.6	9.9
6H	8.0	8.4	8.4	8.8	9.2	8.7	9.0	9.1	9.4	9.8
8H	7.9	8.3	8.4	8.7	9.1	8.6	8.9	9.1	9.4	9.8
12H	7.9	8.2	8.3	8.6	9.1	8.6	8.8	9.0	9.3	9.7
12H 4H	8.0	8.5	8.4	8.8	9.2	8.7	9.1	9.1	9.5	9.9
6H	7.9	8.3	8.4	8.7	9.1	8.6	8.9	9.1	9.4	9.8
8H	7.9	8.2	8.3	8.6	9.1	8.5	8.8	9.0	9.3	9.7
Variations with the observer position at spacings:										
S = 1.0H	+ 4.6 / -13.1					+ 4.5 / -12.5				
1.5H	+ 7.1 / -11.8					+ 7.0 / -12.1				
2.0H	+ 6.2 / - 5.2					+ 6.7 / - 5.8				

CIE Pub.117 Corrected 335.5 lm Total Lamp Luminous Flux. (8log(F/F0) = -3.8)

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Humidity:52%
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UTILIZATION FACTORS TABLE

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SPEC.:3000K	DIM.: ϕ 55mm*H60mm	
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) $k(RI) \times RCR = 5$									
$k = 0.60$	90	84	80	89	84	80	89	83	80	77
0.80	97	91	88	96	91	88	95	91	88	84
1.00	101	96	92	100	95	92	99	95	92	88
1.25	105	100	97	104	99	96	102	98	95	91
1.50	107	103	100	106	102	99	104	101	98	94
2.00	109	106	103	108	105	102	105	103	100	95
2.50	111	107	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	106	107	105	103	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	115	113	112	113	112	110	109	108	107	100
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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ISOCANDELA DIAGRAM

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MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

331.4 lm

%lum = 98.8%

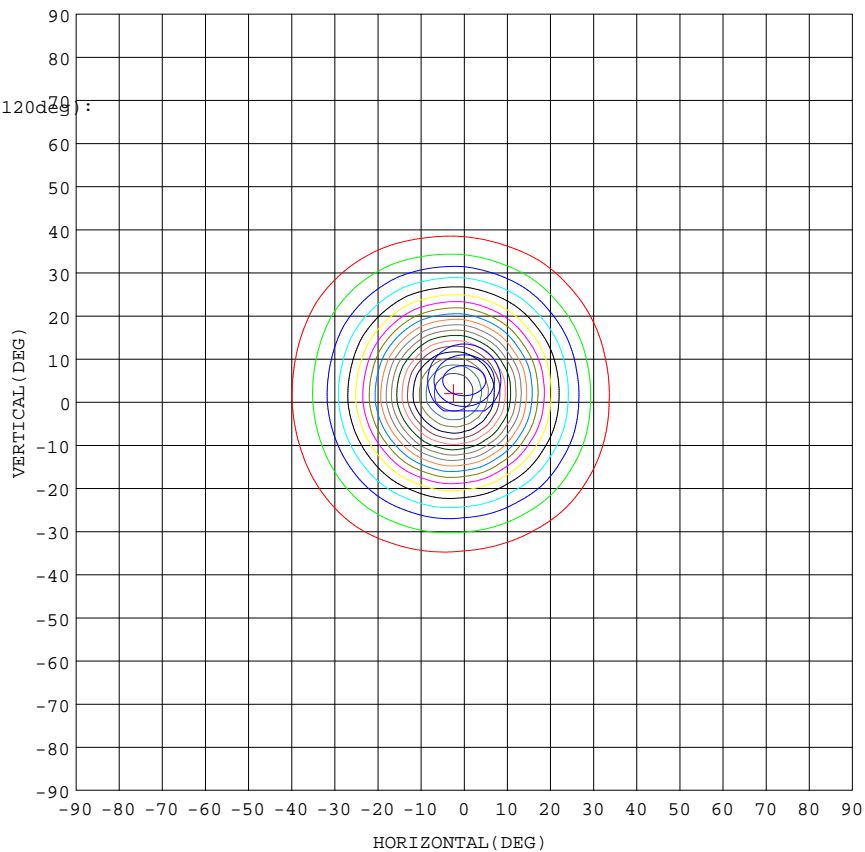
%lamp = 98.8%

Conical surface Flux(120deg):

334.94 lm

%lum = 99.8%

%lamp = 99.8%



1. AVG=778.6,MIN=698.1
2. AVG=757.1,MIN=636.4
3. AVG=730.7,MIN=574.2

Imax:824.6(H=2.5,V2.0)
(At:C=225.0,Gamma=3.0)

UNIT: cd

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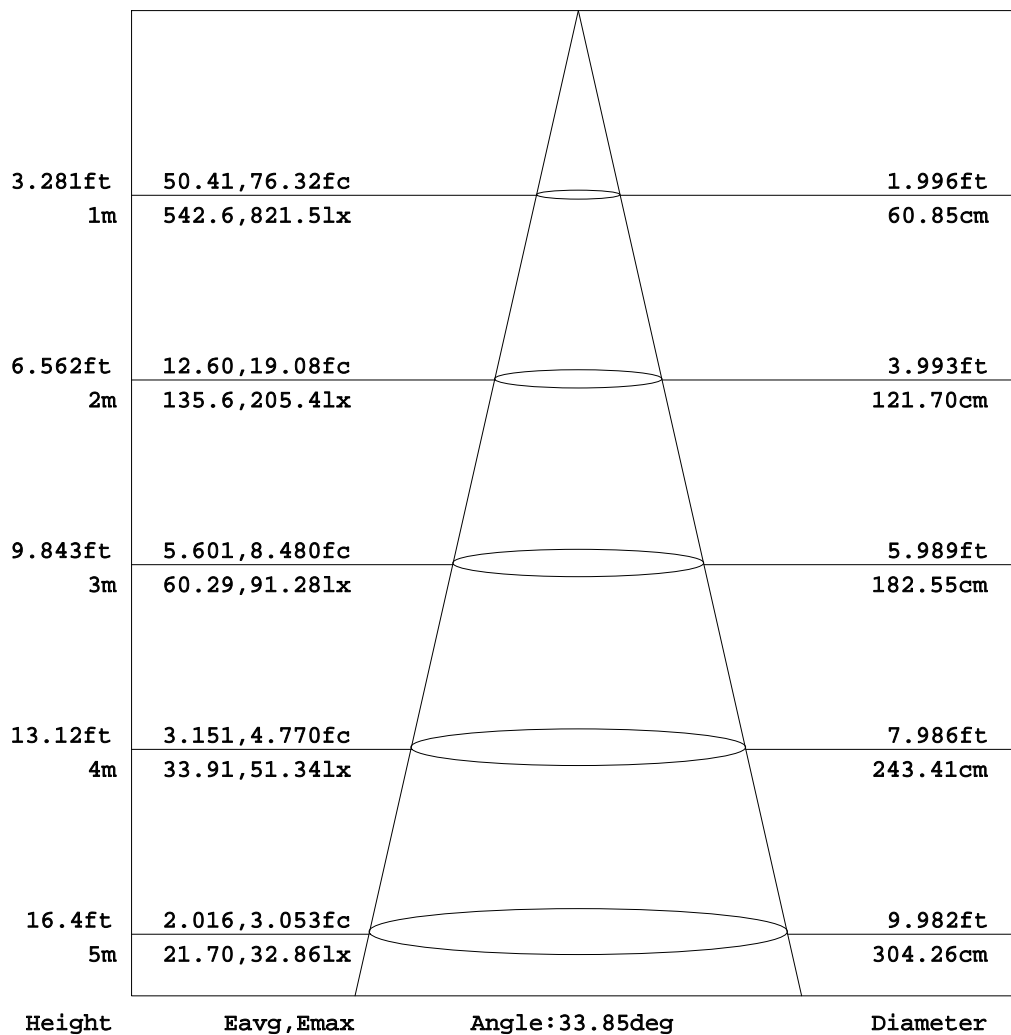
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AAI Figure

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SPEC.:3000K	DIM.: $\phi 55\text{mm} \times \text{H}60\text{mm}$	
MFR.: NEKO LIGHTING AG		

Flux out:159.3 lm



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

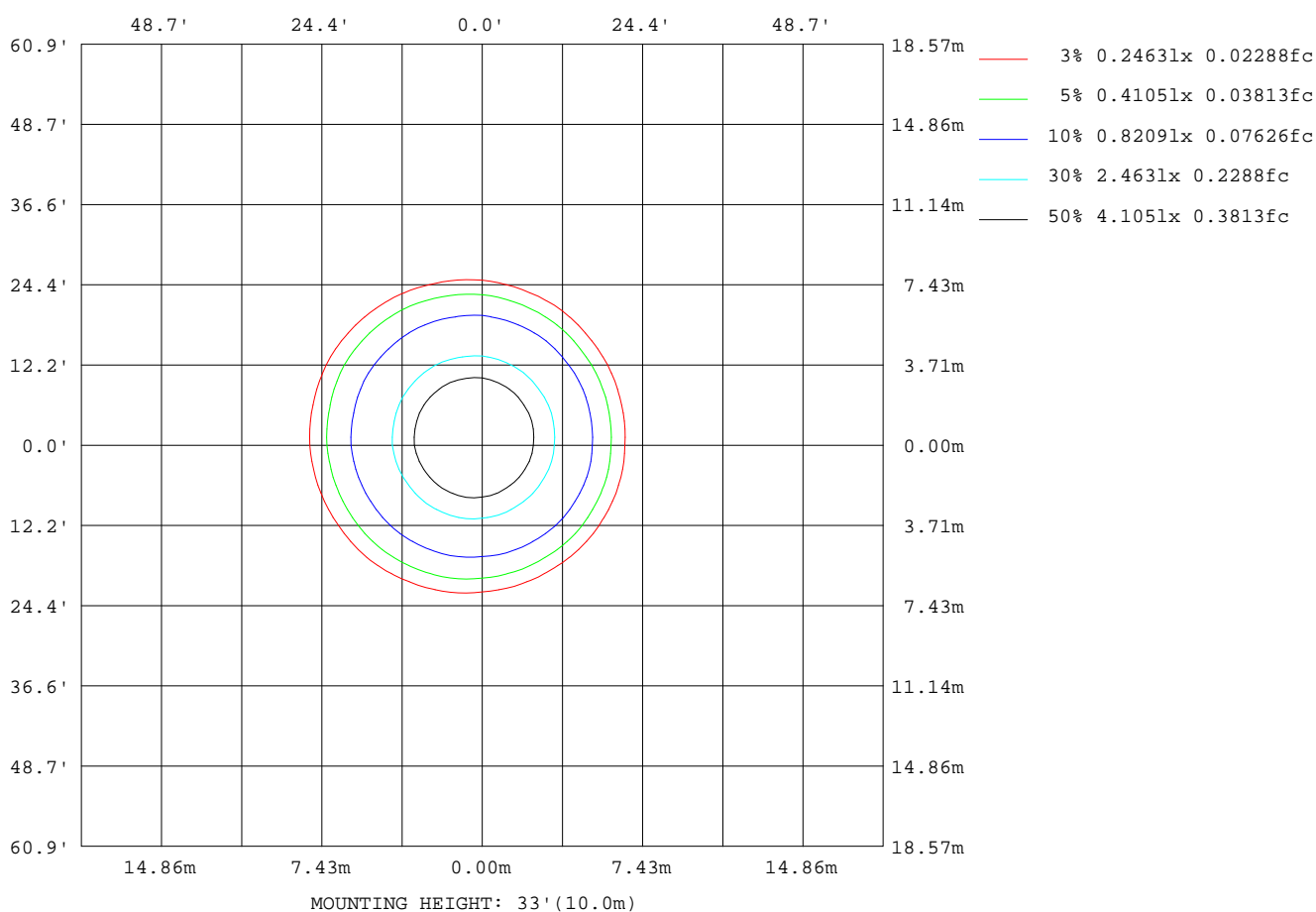
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ISOLUX DIAGRAM

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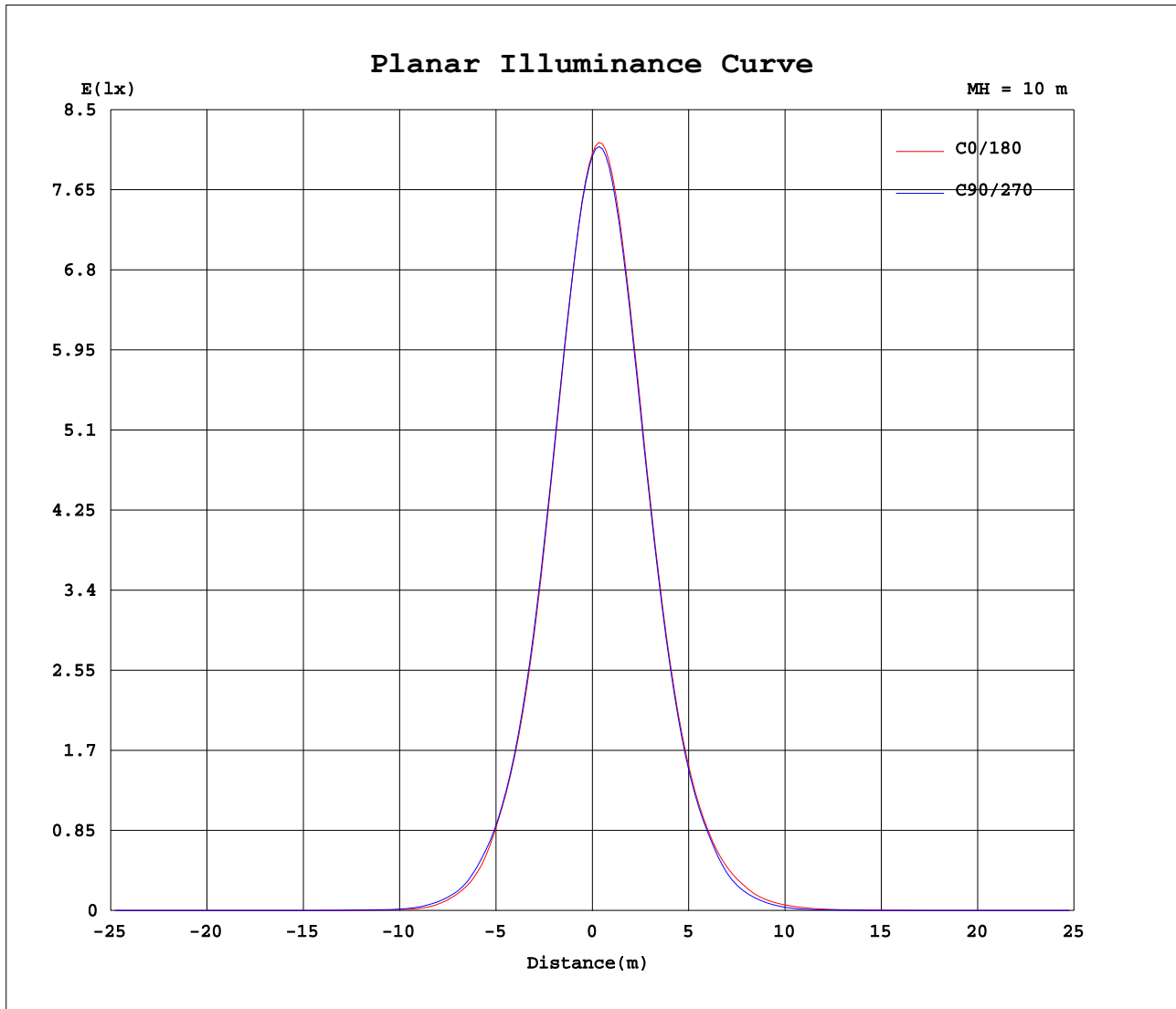


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Planar Illuminance Curve



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Remarks:


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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:

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GONIOPHOTOMETERS SYSTEM TEST REPORT

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	803.6	804.3	802.0	803.2	800.9	802.3	800.8	801.8	800.4	800.3
3.0	756.7	752.8	746.1	747.3	745.7	751.6	754.8	764.9	771.5	783.2
6.0	680.1	673.1	663.5	665.1	664.1	674.5	681.7	698.9	712.7	733.4
9.0	588.2	580.2	568.6	569.9	569.5	582.2	592.1	613.7	631.8	658.6
12.0	489.1	479.4	467.2	468.5	468.6	482.4	494.2	517.0	537.3	566.6
15.0	389.6	380.6	370.1	370.8	370.8	384.8	396.7	419.9	439.3	467.9
18.0	300.6	292.0	283.2	283.6	283.5	296.1	306.8	328.3	345.8	372.5
21.0	225.9	219.3	211.6	212.3	212.2	221.7	230.3	248.7	263.7	286.8
24.0	165.8	161.4	155.9	156.2	155.7	162.0	168.8	184.0	196.4	214.9
27.0	115.8	113.7	110.2	111.4	110.7	114.7	120.3	133.1	143.3	158.3
30.0	72.96	71.96	70.13	72.04	72.26	77.43	83.86	92.24	101.3	113.4
33.0	45.03	44.54	43.50	44.28	44.46	47.61	52.05	61.25	70.29	79.47
36.0	26.93	26.43	25.65	26.71	27.05	29.34	32.04	37.62	43.72	52.83
39.0	12.96	12.60	12.16	13.34	14.27	16.46	18.70	22.82	27.08	32.50
42.0	5.593	5.319	5.149	5.818	6.415	7.669	9.339	12.21	15.50	19.53
45.0	3.134	2.971	2.864	3.043	3.271	3.796	4.504	5.993	7.780	10.54
48.0	2.046	2.017	1.986	2.149	2.314	2.625	2.907	3.351	4.030	5.433
51.0	1.040	1.079	1.082	1.211	1.331	1.645	1.944	2.365	2.748	3.318
54.0	0.5101	0.4917	0.5187	0.5267	0.5852	0.6814	0.9417	1.364	1.753	2.232
57.0	0.4158	0.4041	0.4245	0.4304	0.4814	0.5157	0.5842	0.6359	0.7771	1.152
60.0	0.2999	0.2840	0.3086	0.3146	0.3634	0.3997	0.4727	0.5244	0.6060	0.6425
63.0	0.2341	0.2164	0.2451	0.2382	0.2823	0.2972	0.3590	0.3976	0.4772	0.5243
66.0	0.1904	0.1770	0.1992	0.2053	0.2341	0.2426	0.2954	0.3125	0.3698	0.3999
69.0	0.1510	0.1398	0.1532	0.1465	0.1838	0.1857	0.2363	0.2534	0.3107	0.3257
72.0	0.1095	0.1048	0.1225	0.1071	0.1379	0.1355	0.1795	0.1879	0.2408	0.2578
75.0	0.0832	0.0634	0.0854	0.0743	0.1029	0.1005	0.1357	0.1377	0.1839	0.1923
78.0	0.0569	0.0393	0.0591	0.0458	0.0701	0.0699	0.0964	0.1005	0.1358	0.1398
81.0	0.0372	0.0152	0.0329	0.0218	0.0460	0.0328	0.0700	0.0655	0.0963	0.0961
84.0	0.0175	0.0022	0.0132	0.0022	0.0198	0.0087	0.0395	0.0306	0.0657	0.0633
87.0	0.0044	0.0022	0.0022	0.0022	0.0022	0.0022	0.0154	0.0044	0.0329	0.0306
90.0	0.0044	0.0044	0.0022	0.0022	0.0022	0.0044	0.0022	0.0022	0.0066	0.0044
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	800.7	800.1	803.6	804.3	802.0	803.2	800.9	802.3	800.8	801.8
3.0	792.2	803.1	817.1	821.9	824.6	824.9	822.5	817.9	811.8	802.6
6.0	750.6	770.5	792.2	800.9	808.7	809.1	807.0	796.5	784.9	766.9
9.0	680.1	707.5	733.7	745.5	757.4	757.4	754.9	741.2	726.6	701.4
12.0	590.7	621.8	651.4	665.3	680.4	679.3	678.3	661.1	644.5	615.1
15.0	491.7	523.9	554.4	569.2	584.4	584.9	583.1	564.8	547.7	517.6
18.0	395.1	425.5	454.4	468.2	484.5	483.9	483.4	463.8	449.1	420.8
21.0	305.8	333.4	359.4	371.0	386.0	386.8	385.2	367.5	353.8	328.6
24.0	231.3	253.4	274.7	284.4	297.4	297.8	295.7	280.6	269.0	248.0
27.0	171.5	188.2	205.3	212.9	223.2	223.3	222.2	208.9	199.5	182.6
30.0	124.2	137.4	150.7	156.7	164.8	163.8	162.7	152.5	145.8	131.9
33.0	87.39	96.30	106.3	112.7	119.4	118.8	116.8	109.6	99.05	84.70
36.0	59.50	66.56	73.56	78.17	83.93	83.01	78.28	68.52	60.98	51.93
39.0	36.84	42.26	48.21	51.20	53.79	51.25	47.19	41.37	37.11	31.60
42.0	22.26	25.03	28.39	30.41	31.90	30.24	28.55	24.47	21.17	16.62
45.0	12.73	14.67	17.04	18.05	18.93	17.58	16.10	12.77	10.09	7.355
48.0	6.722	7.975	9.329	9.813	10.03	8.922	7.790	5.893	4.359	3.353
51.0	3.806	4.402	5.039	5.015	4.884	4.123	3.632	3.109	2.740	2.312
54.0	2.593	2.966	3.188	3.064	2.920	2.701	2.509	2.150	1.818	1.424
57.0	1.460	1.816	2.075	2.062	1.986	1.776	1.560	1.168	0.8981	0.5987
60.0	0.7053	0.8208	1.014	1.039	1.053	0.8569	0.6722	0.5691	0.5003	0.4703
63.0	0.5864	0.6031	0.6249	0.6301	0.5943	0.5732	0.5047	0.4704	0.4039	0.3589
66.0	0.4575	0.4785	0.5112	0.5164	0.4828	0.4595	0.3931	0.3524	0.2861	0.2626
69.0	0.3719	0.3671	0.3910	0.3982	0.3648	0.3479	0.2927	0.2756	0.2272	0.2166
72.0	0.3086	0.3081	0.3212	0.3347	0.2971	0.2888	0.2403	0.2276	0.1769	0.1728
75.0	0.2364	0.2360	0.2556	0.2670	0.2359	0.2341	0.1857	0.1772	0.1332	0.1313
78.0	0.1773	0.1792	0.1922	0.2057	0.1770	0.1794	0.1398	0.1335	0.0982	0.0984
81.0	0.1314	0.1311	0.1376	0.1576	0.1375	0.1356	0.1004	0.1006	0.0655	0.0678
84.0	0.0920	0.0851	0.1003	0.1117	0.0895	0.0941	0.0632	0.0657	0.0371	0.0438
87.0	0.0570	0.0502	0.0610	0.0766	0.0610	0.0591	0.0327	0.0416	0.0108	0.0197
90.0	0.0262	0.0241	0.0262	0.0394	0.0350	0.0284	0.0175	0.0153	0.0022	0
G/C	300.0	315.0	330.0	345.0						
0.0	800.4	800.3	800.7	800.1						
3.0	792.7	781.0	772.4	761.8						
6.0	749.9	727.3	711.9	692.0						
9.0	678.0	649.4	628.5	604.2						
12.0	589.6	556.0	534.4	507.4						
15.0	491.8	457.5	435.7	408.8						
18.0	395.4	363.2	341.8	317.3						
21.0	305.9	277.8	258.9	238.7						

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2018-01-15

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:

GONIOPHOTOMETERS SYSTEM TEST REPORT

Photometric Data Table [cd]

24.0	229.5	206.8	192.2	175.4
27.0	169.1	152.0	138.5	123.6
30.0	118.2	101.2	89.31	78.92
33.0	74.12	63.03	55.05	48.77
36.0	45.85	38.47	33.83	29.34
39.0	27.26	21.90	18.29	14.70
42.0	13.30	9.970	8.052	6.424
45.0	5.630	4.324	3.760	3.380
48.0	3.022	2.729	2.512	2.226
51.0	2.049	1.674	1.437	1.175
54.0	1.116	0.7567	0.5634	0.5189
57.0	0.5003	0.4747	0.4326	0.4266
60.0	0.4150	0.3763	0.3231	0.3108
63.0	0.2969	0.2692	0.2206	0.2297
66.0	0.2185	0.2166	0.1792	0.1903
69.0	0.1726	0.1707	0.1376	0.1488
72.0	0.1353	0.1335	0.1005	0.1138
75.0	0.0982	0.0985	0.0699	0.0832
78.0	0.0677	0.0700	0.0436	0.0547
81.0	0.0349	0.0460	0.0196	0.0350
84.0	0.0130	0.0198	0	0.0110
87.0	0	0.0001	0	0
90.0	0	0	0	0

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2018-01-15

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: