

LED Downlight SENSE Series S100R2-13W-930-W



Light Output Ratio:	100.0%	
Luminaire Power:	14.33 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.80	fine grid method.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-05-10

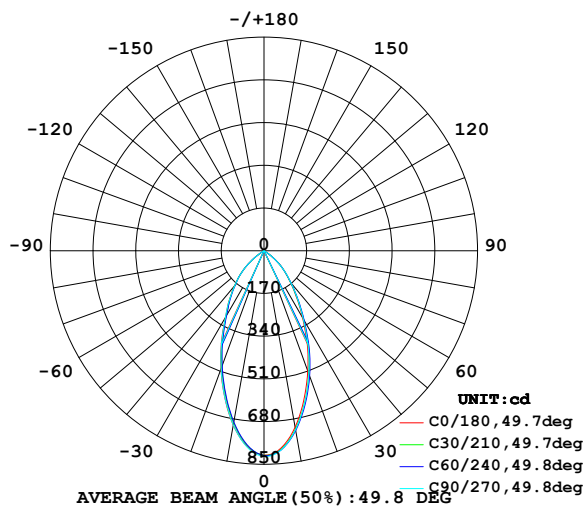
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 52%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

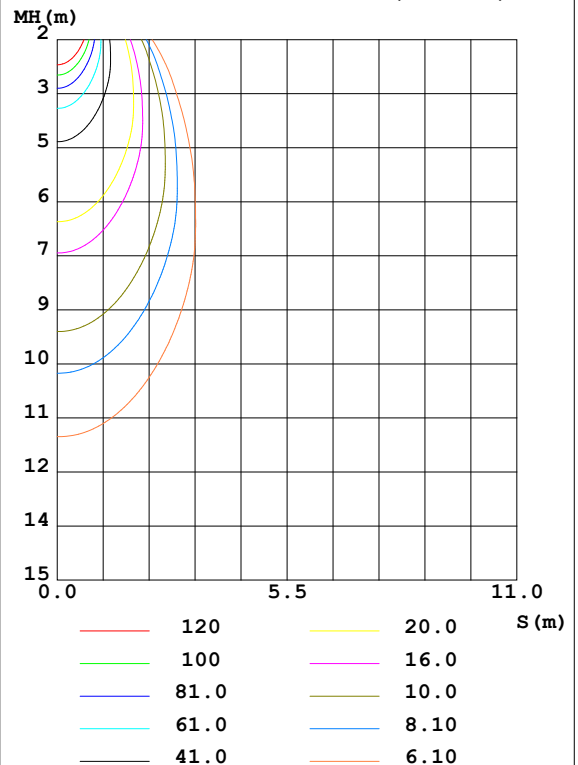
Test:U:220.7V I:0.0711A P:14.33W PF:0.9130 Lamp Flux:698.999x1 lm		
NAME: S100R2-13W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: ϕ 108mm*H126mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 48.78 lm/W			
MODEL	CITIZEN-3000K	I _{max} (cd)	821.2	S/MH (C0/180)	0.74
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	0.74
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	699.00	η UP, DN (C0-180)	0.0, 50.1
NOMINAL FLUX (lm)	698.999	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.9
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	0.80

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



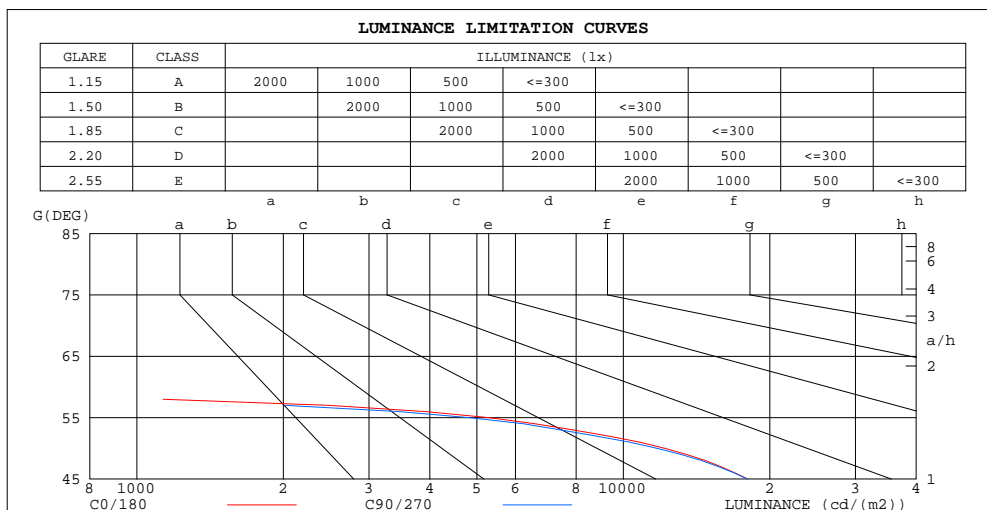
C Range: 0 - 360DEG
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 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity: 52%
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 Remarks:

**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	713.5	726.0	723.1	715.4	704.4	690.7	704.2	712.0	0- 10	72.72	72.72	10.4,10.4
20	509.9	529.4	521.5	511.9	500.9	485.3	499.8	505.6	10- 20	170.3	243.0	34.8,34.8
30	306.3	319.9	312.8	310.8	307.8	298.3	307.7	306.1	20- 30	185.5	428.5	61.3,61.3
40	162.9	167.8	167.1	173.2	182.1	179.2	180.6	169.8	30- 40	147.2	575.7	82.4,82.4
50	71.75	71.09	69.09	74.12	80.86	81.90	81.26	77.18	40- 50	95.32	671.1	96,96
60	1.604	1.478	1.376	1.384	1.447	1.476	1.569	1.615	50- 60	27.04	698.1	99.9,99.9
70	0.3067	0.2947	0.3089	0.2947	0.2684	0.2737	0.2969	0.2869	60- 70	0.7167	698.8	100,100
80	0.0461	0.0350	0.0461	0.0350	0.0241	0.0373	0.0306	0.0438	70- 80	0.1411	699.0	100,100
90	0.0350	0.0372	0.0328	0.0350	0.0219	0.0241	0.0328	0.0241	80- 90	0.0366	699.0	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(DEG)	C0/180	C90/270
85	49	52
80	29	29
75	52	53
70	98	99
65	179	168
60	350	301
55	5298	4828
50	12191	11740
45	18027	18010

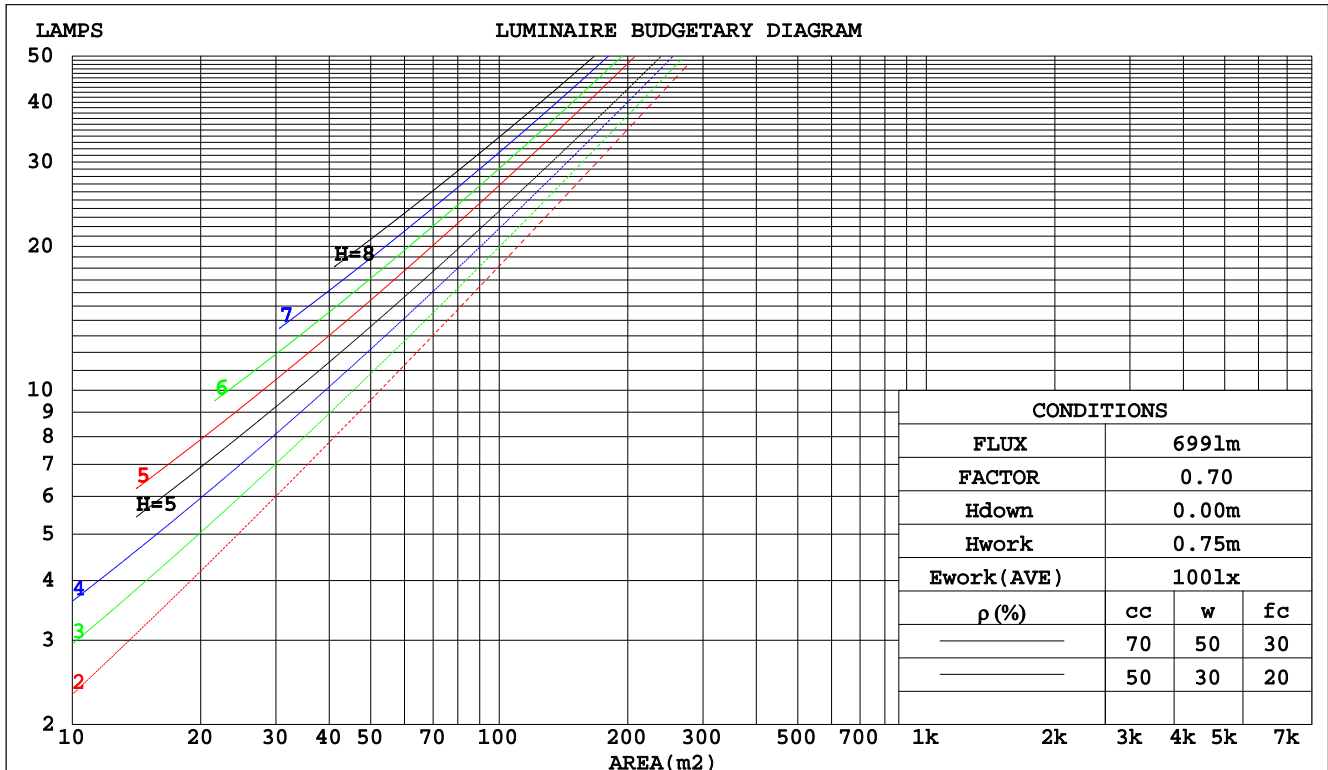
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Temperature:25.3DEG
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γ Range: 0 - 90DEG
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
Test Distance:5.850m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.7V I:0.0711A P:14.33W PF:0.9130 Lamp Flux:698.999x1 lm		
NAME: S100R2-13W-930-W	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	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						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	1.00
1.0	1.10	1.08	1.05	1.08	1.06	1.04	1.04	1.02	1.00	1.00	.99	.97	.97	.96	.95	.93
2.0	1.02	.98	.94	1.00	.96	.93	.97	.94	.91	.94	.91	.89	.91	.89	.87	.85
3.0	.94	.89	.85	.93	.88	.84	.90	.86	.83	.88	.84	.81	.85	.83	.80	.78
4.0	.87	.81	.77	.86	.81	.77	.84	.79	.76	.82	.78	.75	.80	.77	.74	.72
5.0	.81	.75	.70	.80	.74	.70	.78	.73	.69	.77	.72	.69	.75	.71	.68	.67
6.0	.76	.69	.65	.75	.69	.65	.73	.68	.64	.72	.67	.64	.71	.66	.63	.62
7.0	.71	.64	.60	.70	.64	.60	.69	.63	.59	.68	.63	.59	.66	.62	.59	.57
8.0	.66	.60	.56	.66	.60	.55	.65	.59	.55	.64	.59	.55	.63	.58	.55	.53
9.0	.62	.56	.52	.62	.56	.52	.61	.55	.52	.60	.55	.51	.59	.55	.51	.50
10.0	.59	.53	.49	.58	.52	.48	.57	.52	.48	.57	.52	.48	.56	.51	.48	.47



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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	.188	.107	.034	.181	.103	.033	.168	.097	.031	.157	.090	.029	.146	.085	.027		
2.0	.182	.100	.031	.176	.097	.030	.166	.092	.029	.156	.087	.027	.147	.083	.026		
3.0	.174	.093	.028	.170	.091	.027	.160	.087	.026	.152	.083	.026	.144	.080	.025		
4.0	.167	.087	.025	.162	.085	.025	.154	.082	.024	.147	.079	.024	.140	.076	.023		
5.0	.159	.081	.023	.155	.080	.023	.148	.077	.023	.142	.075	.022	.136	.072	.022		
6.0	.152	.076	.022	.148	.075	.022	.142	.073	.021	.136	.071	.021	.131	.069	.020		
7.0	.145	.072	.020	.142	.071	.020	.136	.069	.020	.131	.067	.020	.126	.066	.019		
8.0	.138	.067	.019	.136	.067	.019	.131	.065	.019	.126	.064	.018	.122	.062	.018		
9.0	.132	.064	.018	.130	.063	.018	.125	.062	.018	.121	.061	.017	.117	.060	.017		
10.0	.126	.061	.017	.124	.060	.017	.120	.059	.017	.116	.058	.016	.113	.057	.016		

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	.172	.157	.144	.147	.135	.124	.101	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.158	.132	.111	.135	.114	.096	.093	.079	.067	.053	.046	.039	.017	.015	.013	
3.0	.146	.114	.088	.125	.098	.076	.086	.068	.053	.050	.040	.031	.016	.013	.010	
4.0	.137	.099	.071	.117	.086	.061	.081	.060	.043	.047	.035	.026	.015	.011	.008	
5.0	.128	.088	.058	.110	.076	.050	.076	.053	.035	.044	.031	.021	.014	.010	.007	
6.0	.121	.079	.048	.104	.068	.042	.072	.048	.030	.042	.028	.018	.013	.009	.006	
7.0	.115	.071	.041	.099	.062	.035	.068	.043	.025	.040	.026	.015	.013	.008	.005	
8.0	.109	.065	.035	.094	.056	.030	.065	.040	.022	.038	.023	.013	.012	.008	.004	
9.0	.104	.060	.030	.090	.052	.026	.062	.037	.019	.036	.022	.011	.012	.007	.004	
10.0	.100	.056	.026	.086	.048	.023	.060	.034	.016	.035	.020	.010	.011	.007	.003	

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 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:0.0711A P:14.33W PF:0.9130 Lamp Flux:698.999x1 lm										
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SPEC.:3000K					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	18.1	19.1	18.3	19.3	19.5	18.2	19.2	18.4	19.4	19.5
3H	17.9	18.9	18.2	19.1	19.3	18.0	18.9	18.2	19.1	19.3
4H	17.8	18.7	18.1	18.9	19.2	17.9	18.8	18.2	19.0	19.2
6H	17.7	18.6	18.0	18.8	19.1	17.8	18.6	18.1	18.9	19.1
8H	17.7	18.5	18.0	18.7	19.0	17.7	18.5	18.1	18.8	19.1
12H	17.6	18.4	18.0	18.7	18.9	17.7	18.5	18.0	18.7	19.0
4H 2H	17.8	18.7	18.1	19.0	19.2	17.9	18.8	18.2	19.0	19.3
3H	17.7	18.4	18.0	18.7	19.0	17.7	18.5	18.1	18.8	19.0
4H	17.6	18.3	17.9	18.6	18.9	17.6	18.3	18.0	18.6	18.9
6H	17.5	18.1	17.9	18.4	18.8	17.5	18.1	17.9	18.5	18.8
8H	17.4	18.0	17.8	18.3	18.7	17.5	18.1	17.9	18.4	18.8
12H	17.4	17.9	17.8	18.3	18.7	17.4	18.0	17.9	18.3	18.7
8H 4H	17.4	18.0	17.8	18.3	18.7	17.5	18.1	17.9	18.4	18.8
6H	17.3	17.8	17.8	18.2	18.6	17.4	17.9	17.8	18.2	18.7
8H	17.3	17.7	17.7	18.1	18.5	17.3	17.7	17.8	18.2	18.6
12H	17.2	17.6	17.7	18.0	18.5	17.3	17.6	17.8	18.1	18.5
12H 4H	17.4	17.9	17.8	18.3	18.7	17.4	18.0	17.9	18.3	18.7
6H	17.3	17.7	17.7	18.1	18.5	17.3	17.7	17.8	18.2	18.6
8H	17.2	17.6	17.7	18.0	18.5	17.3	17.6	17.8	18.1	18.5
Variations with the observer position at spacings:										
S = 1.0H	+ 2.5 / -13.6					+ 2.5 / -16.6				
1.5H	+ 2.2 / - 6.1					+ 2.4 / - 6.2				
2.0H	+ 5.3 / -23.1					+ 5.5 / -23.3				

CIE Pub.117 Corrected 699.0 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.2)

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Humidity:52%
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Remarks:

UTILIZATION FACTORS TABLE

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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) $k(RI) \times RCR = 5$									
$k = 0.60$	80	72	68	80	72	68	79	72	68	63
0.80	89	82	77	88	81	77	87	81	77	72
1.00	95	88	84	94	88	84	92	88	83	79
1.25	100	94	90	99	93	89	97	92	89	84
1.50	103	98	94	102	97	93	100	95	92	87
2.00	107	102	99	105	101	98	103	99	96	91
2.50	109	104	101	107	103	100	104	101	98	92
3.00	111	107	104	109	105	103	105	103	100	94
4.00	113	109	107	111	108	106	107	105	103	95
5.00	114	111	109	112	109	107	108	106	104	97
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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SPEC.:3000K	DIM.: ϕ 108mm*H126mm	
MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

630.53 lm

%lum = 90.2%

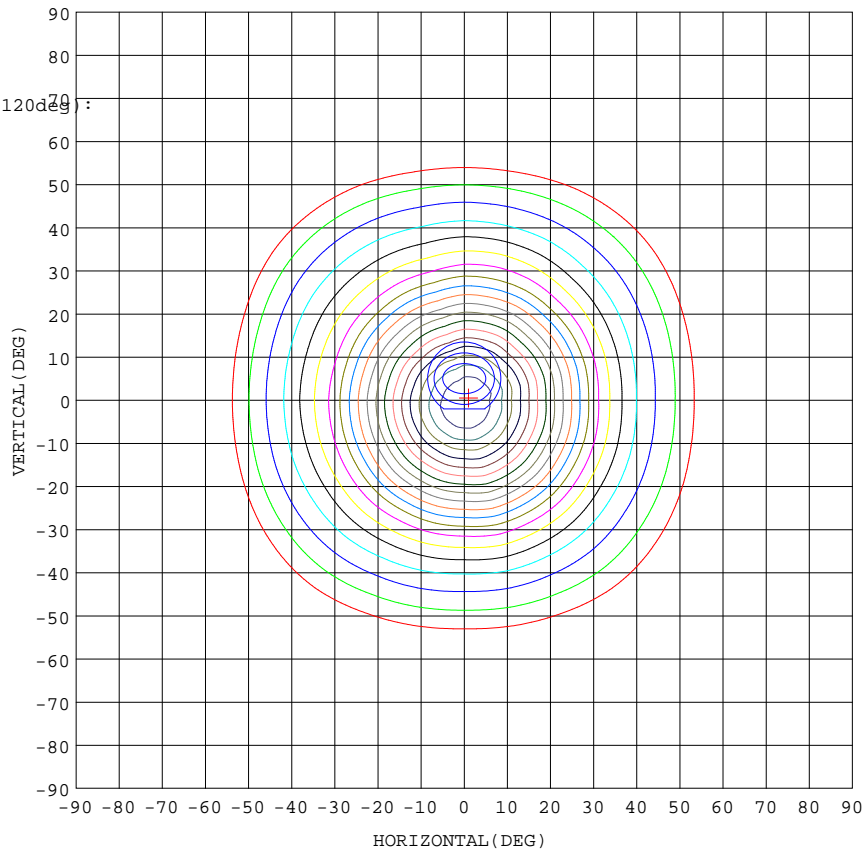
%lamp = 90.2%

Conical surface Flux(120deg):

698.1 lm

%lum = 99.9%

%lamp = 99.9%



5%	40.96
10%	81.92
15%	122.9
20%	163.8
25%	204.8
30%	245.8
35%	286.7
40%	327.7
45%	368.6
50%	409.6
55%	450.6
60%	491.5
65%	532.5
70%	573.5
75%	614.4
80%	655.4
85%	696.3
90%	737.3
95%	778.3

1. AVG=771.2, MIN=721.0
2. AVG=759.8, MIN=676.4
3. AVG=744.4, MIN=628.1

Imax:819.2(H1.0,V0.5)
(At:C=165.0,Gamma=0.0)

UNIT: cd

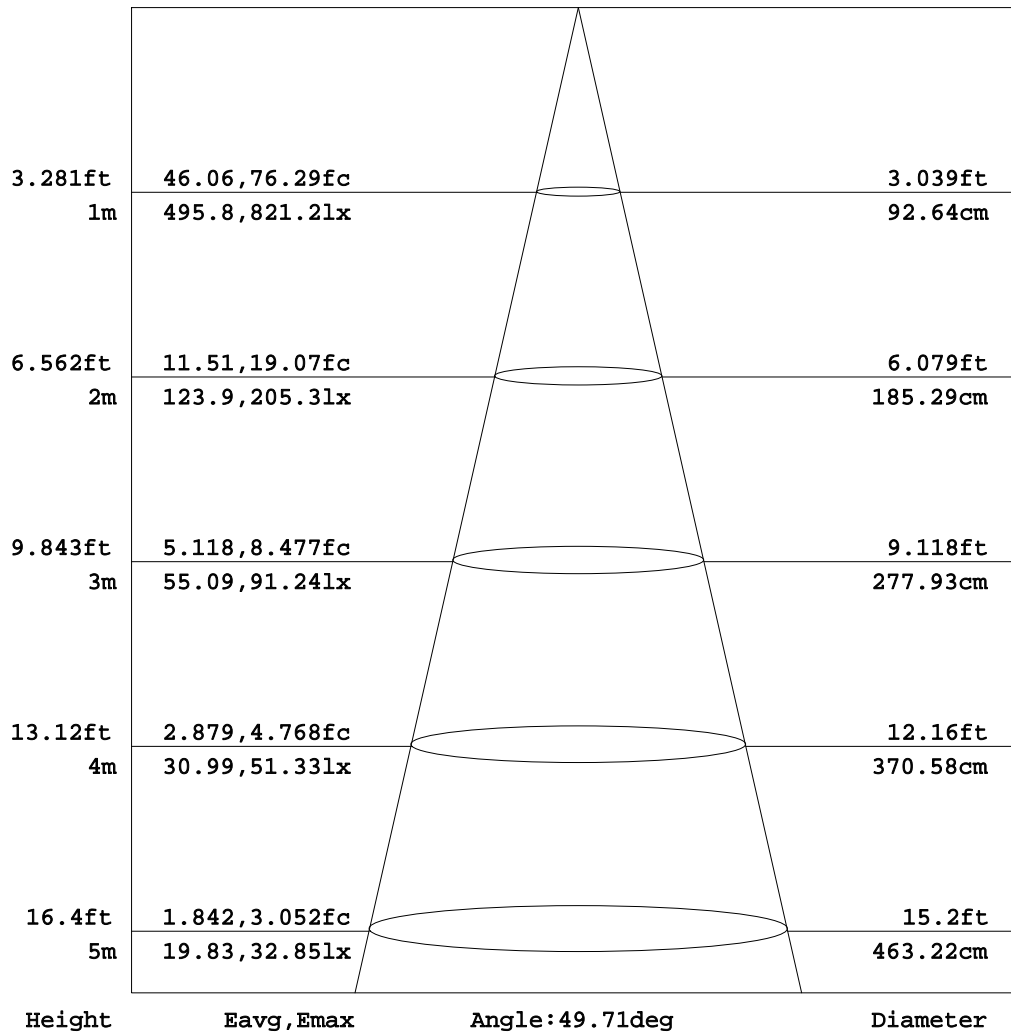
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AAI Figure

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Flux out:338.7 lm



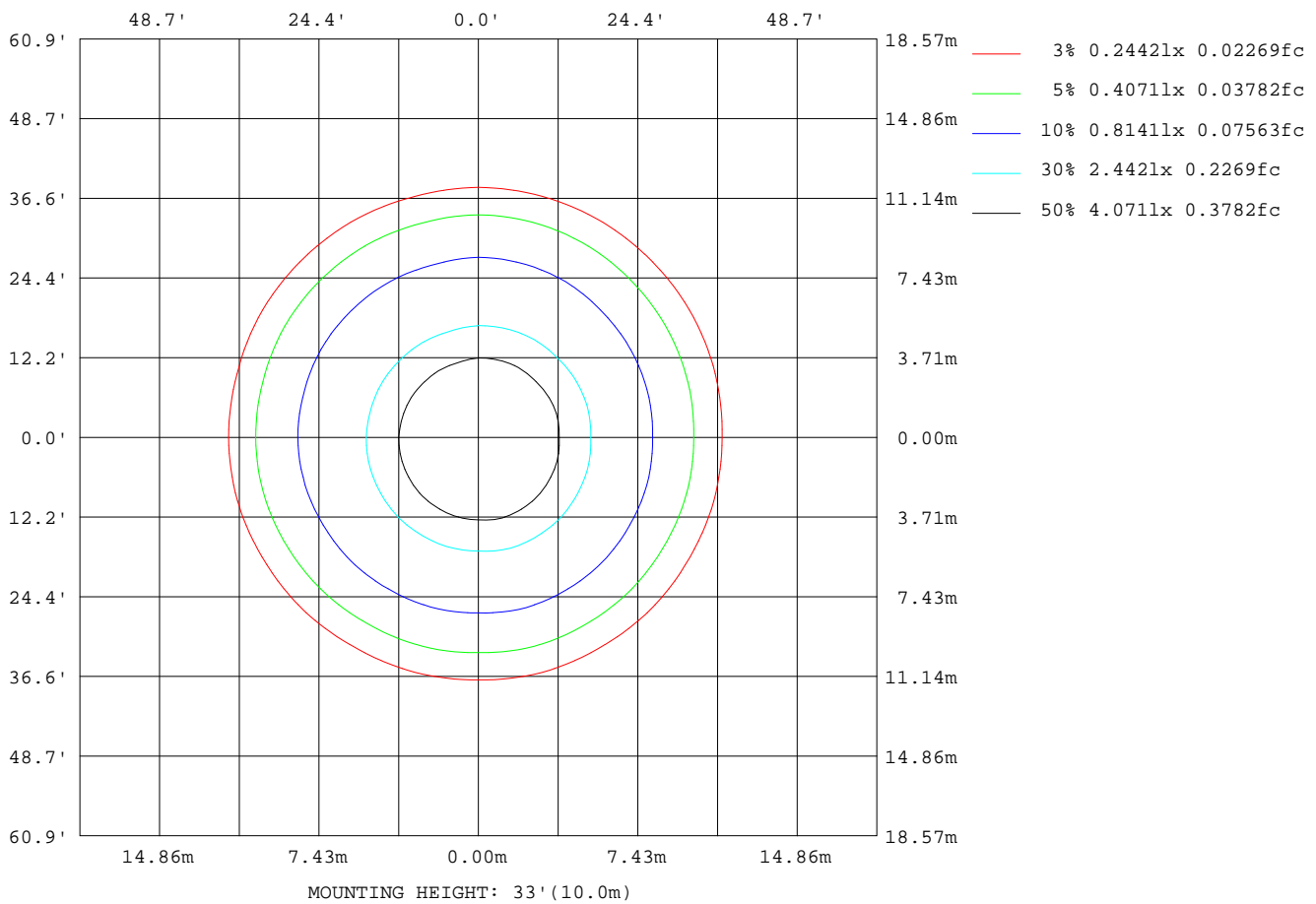
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

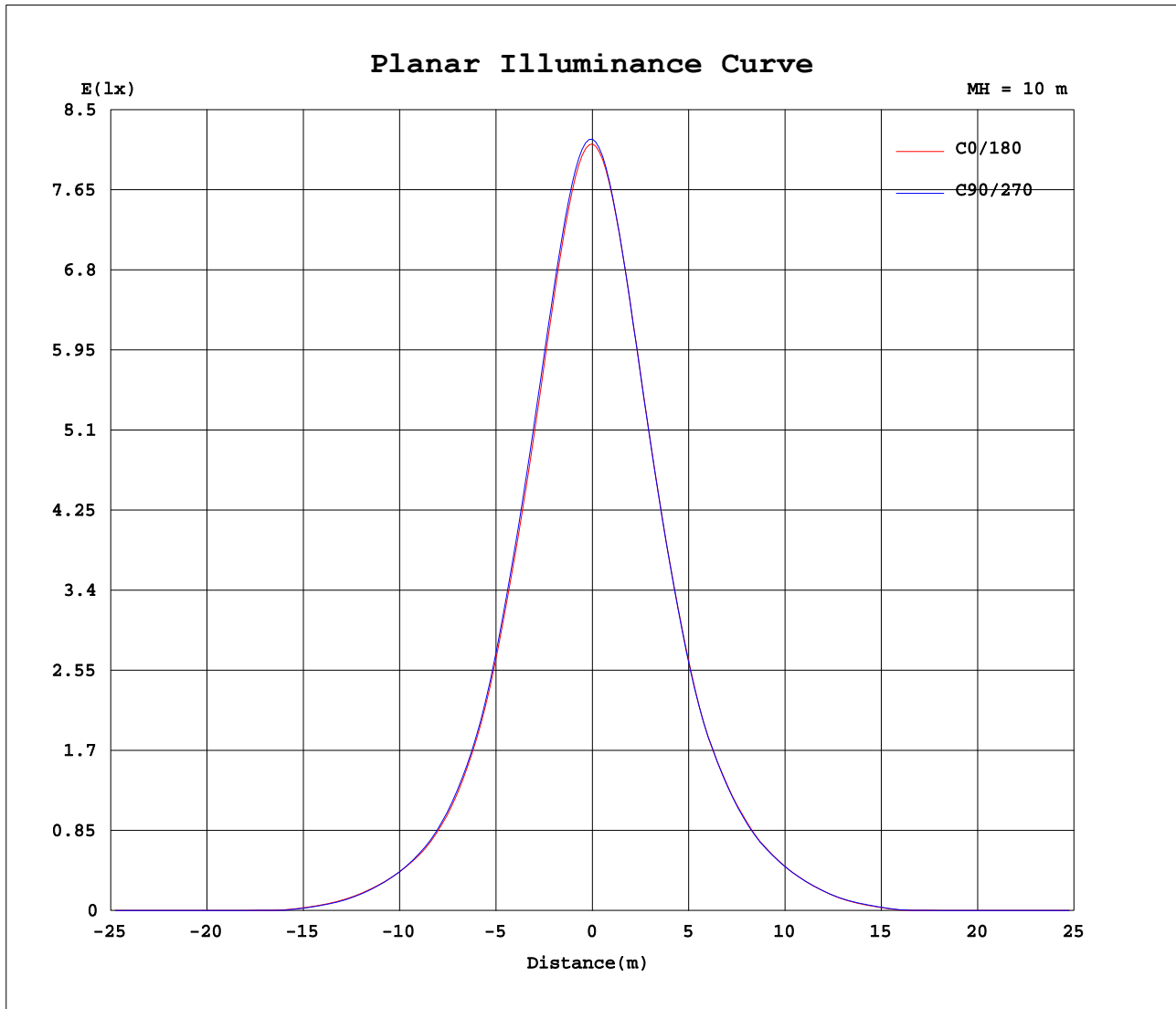
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Planar Illuminance Curve



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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
Test Distance:5.850m [K=1.0000]
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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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	813.7	813.7	814.0	813.7	814.4	814.5	818.7	819.7	819.6	818.9
3.0	804.9	807.3	808.1	809.4	809.7	810.7	811.5	811.7	809.5	808.6
6.0	775.9	780.3	781.6	784.4	784.7	786.2	783.9	783.5	779.8	778.3
9.0	730.9	736.9	738.2	742.7	743.2	745.5	740.2	739.6	734.5	733.1
12.0	675.3	682.6	684.8	690.1	691.3	693.8	686.2	685.0	679.6	677.5
15.0	614.0	622.3	625.3	631.6	633.0	635.8	626.3	624.8	619.0	616.5
18.0	551.5	560.6	564.1	570.9	572.3	574.9	563.8	562.1	556.3	553.8
21.0	489.2	498.3	502.0	508.5	510.0	512.5	500.3	499.0	493.5	491.3
24.0	428.1	436.7	439.9	446.1	447.1	449.7	437.7	436.8	432.0	430.7
27.0	364.5	372.4	374.9	381.0	381.4	384.2	372.9	372.7	368.6	369.0
30.0	306.3	312.7	314.9	319.9	320.3	322.4	312.8	313.0	309.5	310.8
33.0	257.2	261.4	262.4	266.7	267.6	269.8	262.8	263.6	262.5	264.1
36.0	212.2	216.0	216.4	220.7	221.7	224.4	218.4	220.3	219.5	222.6
39.0	174.5	177.2	177.1	180.1	180.7	183.3	179.1	180.8	180.8	184.7
42.0	142.9	144.5	144.1	146.5	146.5	149.1	146.4	149.3	149.6	153.1
45.0	116.7	117.2	116.2	117.2	117.0	118.5	116.6	118.6	119.4	123.6
48.0	90.41	90.57	89.39	90.27	89.23	90.54	88.73	90.25	90.78	94.78
51.0	62.28	62.54	61.05	61.46	60.08	60.98	59.35	60.28	60.24	63.50
54.0	35.42	35.87	34.29	34.71	33.23	34.43	33.55	34.47	33.89	35.49
57.0	12.37	13.32	11.70	12.10	10.56	11.25	10.06	10.38	9.530	10.47
60.0	1.604	1.585	1.514	1.478	1.409	1.415	1.376	1.380	1.339	1.384
63.0	0.9642	0.9562	0.9137	0.8953	0.8676	0.8778	0.8588	0.8603	0.8281	0.8560
66.0	0.5850	0.5962	0.5717	0.5853	0.5608	0.5810	0.5650	0.5744	0.5519	0.5613
69.0	0.3636	0.3646	0.3592	0.3580	0.3505	0.3581	0.3658	0.3668	0.3526	0.3515
72.0	0.2105	0.2030	0.2105	0.1942	0.2017	0.2008	0.2192	0.2095	0.2126	0.1964
75.0	0.1227	0.1092	0.1249	0.1070	0.1227	0.1091	0.1249	0.1092	0.1249	0.1070
78.0	0.0788	0.0632	0.0767	0.0545	0.0723	0.0524	0.0745	0.0589	0.0745	0.0545
81.0	0.0438	0.0350	0.0438	0.0350	0.0416	0.0350	0.0481	0.0350	0.0438	0.0350
84.0	0.0394	0.0350	0.0416	0.0350	0.0394	0.0350	0.0459	0.0350	0.0415	0.0350
87.0	0.0394	0.0350	0.0437	0.0372	0.0394	0.0350	0.0415	0.0350	0.0394	0.0350
90.0	0.0350	0.0350	0.0372	0.0372	0.0372	0.0328	0.0328	0.0350	0.0372	0.0350

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	819.9	821.2	813.7	813.7	814.0	813.7	814.5	814.5	818.7	819.7
3.0	807.3	807.7	801.0	798.5	798.4	796.5	797.4	796.9	804.4	806.1
6.0	775.5	774.7	768.8	764.3	763.3	760.0	761.3	760.2	770.5	773.0
9.0	728.6	727.2	722.1	715.6	714.1	709.6	711.0	709.7	722.2	725.3
12.0	672.3	669.7	665.7	658.1	656.1	650.8	652.2	650.9	664.9	668.4
15.0	610.7	607.6	604.5	596.0	594.0	588.2	589.9	588.3	603.3	606.3
18.0	547.8	544.5	542.4	533.9	531.7	526.2	527.9	526.2	541.4	544.1
21.0	485.3	482.3	480.6	472.6	470.4	465.3	466.6	464.8	479.5	482.0
24.0	425.3	422.6	421.0	413.5	411.8	406.7	407.7	405.6	419.3	421.4
27.0	364.7	363.5	361.9	355.2	353.9	349.2	349.7	347.3	359.4	361.4
30.0	308.2	308.2	307.8	302.5	302.1	298.3	298.3	296.2	307.7	308.5
33.0	263.0	264.9	267.1	262.5	261.5	258.7	258.7	257.3	267.0	269.1
36.0	223.5	227.7	229.2	227.5	227.4	224.0	222.8	220.4	228.1	228.6
39.0	186.0	191.2	194.5	192.5	192.3	189.9	188.9	186.5	192.1	190.3
42.0	155.3	160.3	162.6	161.8	162.3	160.6	159.4	157.2	160.5	158.6
45.0	126.3	130.6	132.5	131.7	133.7	132.4	132.2	129.4	131.8	130.0
48.0	97.54	101.3	102.5	102.3	104.0	103.3	102.7	100.9	102.5	101.0
51.0	64.87	68.08	69.23	69.22	70.93	70.55	70.93	69.00	70.27	69.08
54.0	35.90	37.82	38.79	38.22	39.57	39.28	40.59	39.45	40.58	39.54
57.0	9.673	10.94	11.87	10.90	12.61	12.50	13.96	13.14	13.99	13.71
60.0	1.378	1.426	1.447	1.430	1.488	1.476	1.543	1.544	1.569	1.553
63.0	0.8544	0.8581	0.8381	0.8280	0.8533	0.8587	0.8881	0.8959	0.9231	0.9112
66.0	0.5433	0.5438	0.5217	0.5037	0.5261	0.5168	0.5370	0.5409	0.5676	0.5606
69.0	0.3460	0.3363	0.3187	0.3153	0.3143	0.3240	0.3274	0.3415	0.3449	0.3416
72.0	0.2039	0.1899	0.1767	0.1841	0.1724	0.1928	0.1877	0.2234	0.2228	0.2016
75.0	0.1205	0.1004	0.0894	0.1073	0.0938	0.1117	0.1327	0.1641	0.1638	0.1444
78.0	0.0658	0.0480	0.0392	0.0635	0.0393	0.0722	0.1184	0.1400	0.1443	0.1072
81.0	0.0416	0.0350	0.0240	0.0350	0.0306	0.0350	0.0262	0.0328	0.0262	0.0350
84.0	0.0394	0.0350	0.0219	0.0328	0.0328	0.0328	0.0241	0.0328	0.0284	0.0328
87.0	0.0394	0.0350	0.0219	0.0284	0.0328	0.0284	0.0241	0.0262	0.0241	0.0285
90.0	0.0372	0.0350	0.0219	0.0262	0.0284	0.0241	0.0306	0.0350	0.0328	0.0350

G/C	300.0	315.0	330.0	345.0
0.0	819.6	818.9	819.9	821.2
3.0	808.2	807.6	810.7	813.0
6.0	777.0	776.5	781.3	784.4
9.0	730.7	730.1	736.0	739.7
12.0	674.1	673.3	679.8	683.7
15.0	612.4	610.6	617.5	621.3
18.0	549.8	547.6	554.0	558.0
21.0	487.1	484.9	491.0	494.7

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-05-10

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	426.4	424.3	430.0	433.3
27.0	365.0	362.3	367.1	369.6
30.0	309.0	306.1	309.2	310.3
33.0	266.5	260.2	261.0	261.0
36.0	225.1	217.9	217.5	215.8
39.0	187.3	180.9	179.3	177.7
42.0	156.3	150.4	148.2	145.8
45.0	127.5	123.3	121.3	119.1
48.0	99.40	96.81	95.25	93.12
51.0	68.53	66.90	66.13	64.35
54.0	39.57	37.93	37.82	36.50
57.0	15.18	14.35	14.15	12.94
60.0	1.610	1.615	1.661	1.639
63.0	0.9275	0.9330	0.9798	0.9921
66.0	0.5785	0.5716	0.5981	0.5978
69.0	0.3448	0.3460	0.3513	0.3591
72.0	0.1810	0.1928	0.1832	0.2016
75.0	0.0938	0.1095	0.0938	0.1139
78.0	0.0611	0.0657	0.0458	0.0657
81.0	0.0284	0.0351	0.0241	0.0350
84.0	0.0262	0.0328	0.0241	0.0328
87.0	0.0262	0.0284	0.0219	0.0284
90.0	0.0262	0.0241	0.0219	0.0241

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Meng Yongjian
Test Date: 2017-05-10

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: