

GONIOPHOTOMETERS SYSTEM TEST REPORT

LED Downlight Sense Series S45S1-4W-940-35



Light Output Ratio:	100.0%	
Luminaire Power:	5.241 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: 2018-01-17

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:

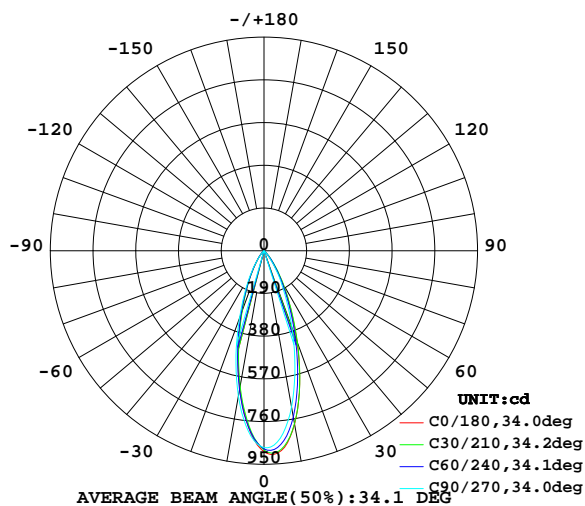
GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

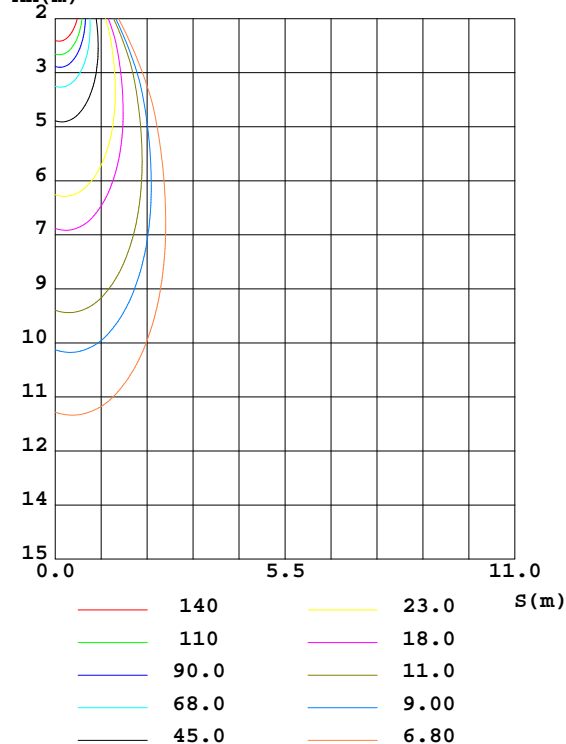
Test:U:220.6V I:0.0310A P:5.241W PF:0.7885 Lamp Flux:374.968x1 lm		
NAME: S45S1-4W-940-35	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: L55mm*W55mm*H60mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 71.55 lm/W			
MODEL	CREE-4000K	I _{max} (cd)	906.8	S/MH(C0/180)	0.49
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	0.53
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	374.97	η UP,DN(C0-180)	0.0,52.6
NOMINAL FLUX(lm)	374.968	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,47.4
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:2018-01-17

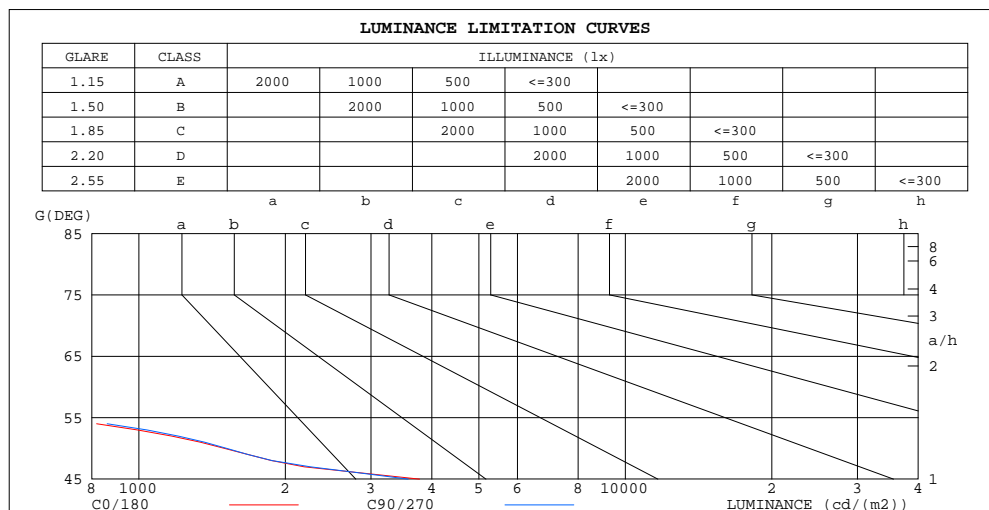
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ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	783.0	771.6	705.6	639.2	621.2	615.8	657.3	715.2	0- 10	74.19	74.19	19.8,19.8
20	431.4	424.6	365.6	307.9	289.3	288.8	320.0	375.6	10- 20	140.8	215.0	57.3,57.3
30	168.7	167.5	137.1	111.8	103.9	102.1	115.1	143.4	20- 30	102.0	317.0	84.5,84.5
40	30.85	51.43	26.90	32.84	22.70	30.12	22.69	42.18	30- 40	44.72	361.7	96.5,96.5
50	2.915	10.07	2.948	7.673	3.448	8.268	3.131	7.626	40- 50	11.03	372.7	99.4,99.4
60	0.3435	0.8459	0.3873	0.9968	0.5003	1.153	0.3801	0.7563	50- 60	1.878	374.6	99.9,99.9
70	0.1170	0.0852	0.1335	0.1704	0.2141	0.2013	0.1353	0.1073	60- 70	0.2641	374.8	100,100
80	0.0328	0.0196	0.0460	0.0502	0.0700	0.0722	0.0327	0.0372	70- 80	0.0962	374.9	100,100
90	0.0022	0	0.0044	0.0044	0.0044	0.0022	0	0	80- 90	0.0216	375.0	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(°)	C0/180	C90/270
85	66	83
80	62	88
75	76	103
70	113	129
65	125	154
60	227	256
55	616	673
50	1499	1516
45	3773	3577

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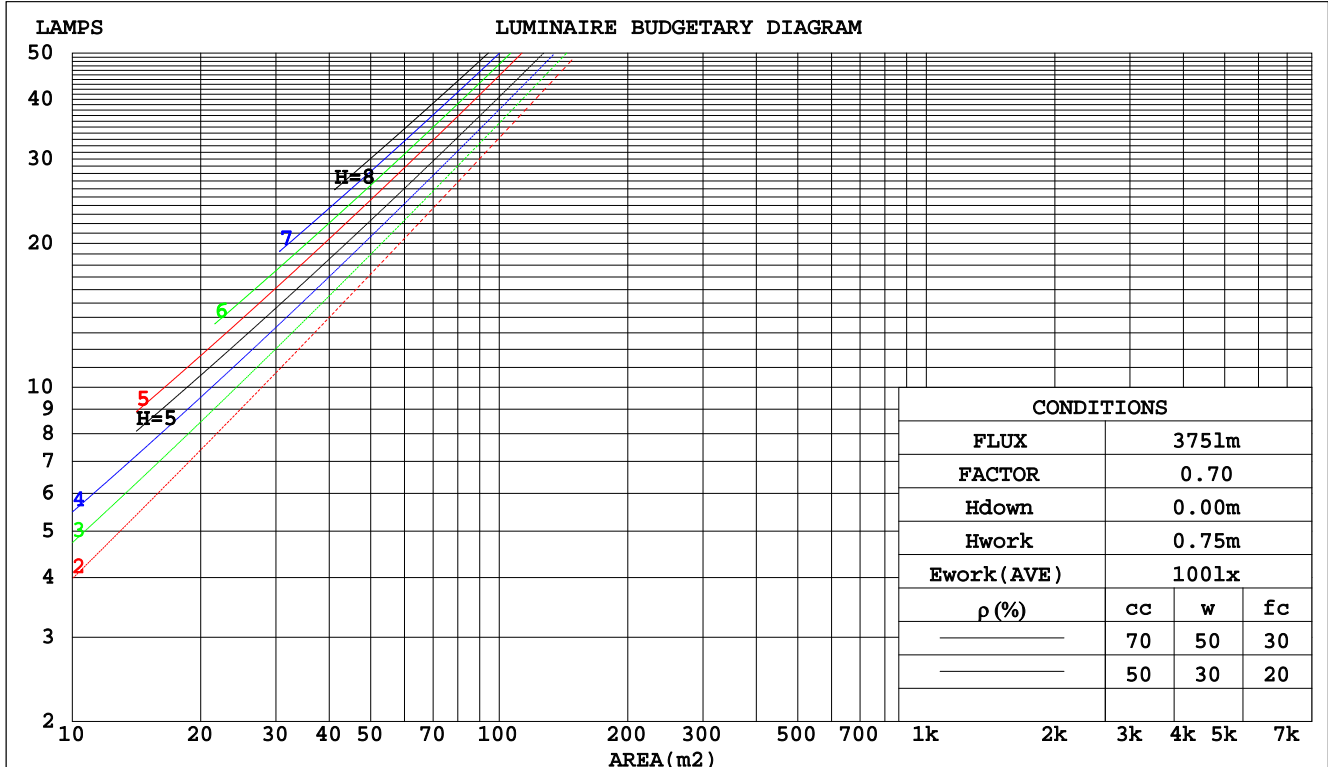
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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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SPEC.:4000K	DIM.: L55mm*W55mm*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	1.00	.98	1.00	.98	.96	.97	.95	.94	.95	.93	.92	.90
3.0	.99	.95	.92	.98	.94	.91	.96	.92	.90	.93	.90	.88	.91	.89	.87	.85
4.0	.94	.89	.86	.93	.89	.85	.91	.87	.84	.89	.86	.83	.87	.85	.82	.81
5.0	.89	.84	.81	.89	.84	.80	.87	.83	.80	.85	.82	.79	.84	.81	.78	.77
6.0	.85	.80	.76	.84	.80	.76	.83	.79	.76	.82	.78	.75	.80	.77	.75	.73
7.0	.81	.76	.72	.81	.76	.72	.79	.75	.72	.78	.74	.71	.77	.74	.71	.70
8.0	.78	.72	.69	.77	.72	.69	.76	.72	.68	.75	.71	.68	.74	.71	.68	.67
9.0	.74	.69	.66	.74	.69	.66	.73	.68	.65	.72	.68	.65	.71	.68	.65	.64
10.0	.71	.66	.63	.71	.66	.63	.70	.66	.63	.69	.65	.62	.69	.65	.62	.61



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WEC AND CCEC

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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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.158	.090	.028	.151	.086	.027	.139	.080	.025	.127	.073	.024	.117	.068	.022		
2.0	.149	.082	.025	.144	.079	.024	.133	.074	.023	.124	.069	.022	.115	.065	.020		
3.0	.141	.075	.023	.137	.073	.022	.128	.069	.021	.120	.066	.020	.112	.062	.019		
4.0	.134	.070	.020	.130	.068	.020	.123	.065	.019	.116	.062	.019	.109	.059	.018		
5.0	.127	.065	.019	.124	.064	.019	.117	.061	.018	.111	.059	.017	.106	.057	.017		
6.0	.121	.061	.017	.118	.060	.017	.113	.058	.017	.107	.056	.016	.103	.054	.016		
7.0	.116	.057	.016	.113	.056	.016	.108	.055	.016	.104	.053	.015	.099	.052	.015		
8.0	.111	.054	.015	.109	.054	.015	.104	.052	.015	.100	.051	.015	.096	.049	.014		
9.0	.106	.051	.014	.104	.051	.014	.100	.050	.014	.097	.048	.014	.093	.047	.014		
10.0	.102	.049	.014	.100	.048	.014	.097	.047	.013	.094	.046	.013	.090	.045	.013		

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						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	.069	.052	.046	.041	.017	.015	.013	
3.0	.140	.113	.092	.120	.098	.080	.082	.068	.056	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.075	.110	.085	.066	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.119	.086	.062	.102	.075	.054	.070	.052	.038	.041	.031	.023	.013	.010	.008	
6.0	.111	.077	.052	.095	.067	.046	.066	.047	.032	.038	.027	.019	.012	.009	.006	
7.0	.104	.069	.045	.090	.060	.039	.062	.042	.027	.036	.025	.016	.012	.008	.005	
8.0	.098	.063	.038	.085	.054	.033	.058	.038	.024	.034	.023	.014	.011	.007	.005	
9.0	.093	.057	.033	.080	.050	.029	.055	.035	.021	.032	.021	.012	.010	.007	.004	
10.0	.088	.053	.029	.076	.046	.025	.053	.032	.018	.031	.019	.011	.010	.006	.004	

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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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UGR(Unified Glare Rating) Table

Test:U:220.6V I:0.0310A P:5.241W PF:0.7885 Lamp Flux:374.968x1 lm		
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SPEC.:4000K	DIM.: L55mm*W55mm*H60mm	
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	15.2	16.0	15.4	16.1	16.3	14.2	15.0	14.4	15.2	15.3
3H	15.0	15.7	15.3	15.9	16.1	14.0	14.8	14.3	15.0	15.2
4H	14.9	15.6	15.2	15.8	16.1	13.9	14.6	14.2	14.9	15.1
6H	14.8	15.5	15.1	15.7	16.0	13.9	14.5	14.1	14.8	15.0
8H	14.8	15.4	15.1	15.7	15.9	13.8	14.4	14.1	14.7	15.0
12H	14.7	15.4	15.1	15.6	15.9	13.8	14.4	14.1	14.6	14.9
4H 2H	14.9	15.6	15.2	15.8	16.1	13.9	14.7	14.2	14.9	15.1
3H	14.7	15.4	15.1	15.6	15.9	13.8	14.4	14.1	14.6	14.9
4H	14.7	15.2	15.0	15.5	15.8	13.7	14.2	14.0	14.5	14.8
6H	14.6	15.0	14.9	15.4	15.7	13.6	14.1	13.9	14.4	14.7
8H	14.5	15.0	14.9	15.3	15.7	13.5	14.0	13.9	14.3	14.7
12H	14.4	14.9	14.9	15.2	15.6	13.5	13.9	13.9	14.3	14.6
8H 4H	14.5	15.0	14.9	15.3	15.7	13.5	14.0	13.9	14.3	14.7
6H	14.4	14.8	14.8	15.2	15.6	13.4	13.8	13.8	14.2	14.6
8H	14.3	14.7	14.8	15.1	15.5	13.4	13.7	13.8	14.1	14.5
12H	14.3	14.6	14.7	15.0	15.5	13.3	13.6	13.8	14.0	14.5
12H 4H	14.4	14.9	14.9	15.2	15.6	13.5	13.9	13.9	14.3	14.6
6H	14.3	14.7	14.8	15.1	15.5	13.4	13.7	13.8	14.1	14.5
8H	14.3	14.6	14.7	15.0	15.5	13.3	13.6	13.8	14.0	14.5
Variations with the observer position at spacings:										
S = 1.0H	+ 2.7 / -21.4					+ 2.7 / -19.8				
1.5H	+ 4.9 / -12.5					+ 4.7 / -11.3				
2.0H	+ 5.7 / -13.1					+ 5.4 / -11.8				

CIE Pub.117 Corrected 375.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -3.4)

C Range: 0 - 360DEG
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γ Range: 0 - 90DEG
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Humidity:52%
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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) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	80	89	83	80	88	83	80	76
0.80	97	91	88	96	91	87	95	90	87	84
1.00	101	95	92	100	95	92	98	95	91	88
1.25	104	100	96	103	99	96	102	98	95	91
1.50	107	103	99	106	102	99	104	100	98	94
2.00	109	105	102	108	104	102	105	102	100	95
2.50	111	107	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	105	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	99
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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Conical surface Flux(90deg):

369.51 lm

%lum = 98.5%

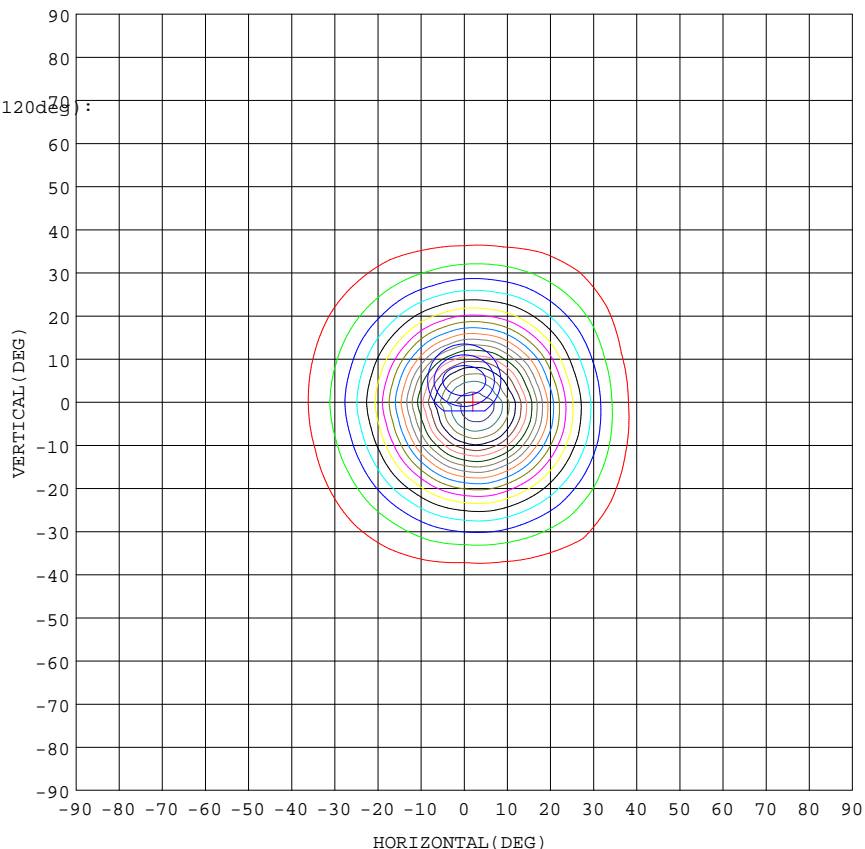
%lamp = 98.5%

Conical surface Flux(120deg):

374.59 lm

%lum = 99.9%

%lamp = 99.9%



1. AVG=787.3,MIN=690.1
2. AVG=768.4,MIN=609.6
3. AVG=741.9,MIN=523.9

Imax:906.8(H2.0,V0.0)
(At:C=0.0,Gamma=2.0)

UNIT: cd

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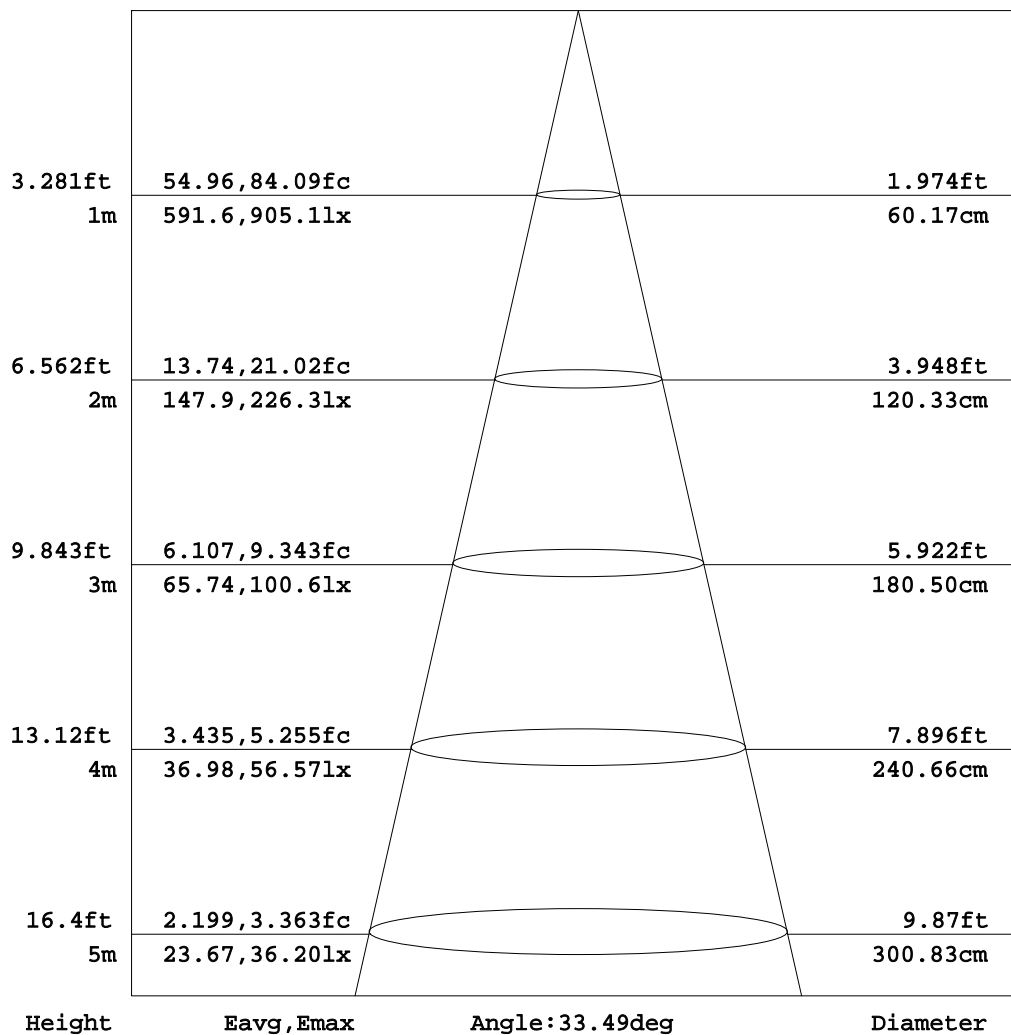
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AAI Figure

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Flux out:173.7 lm



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

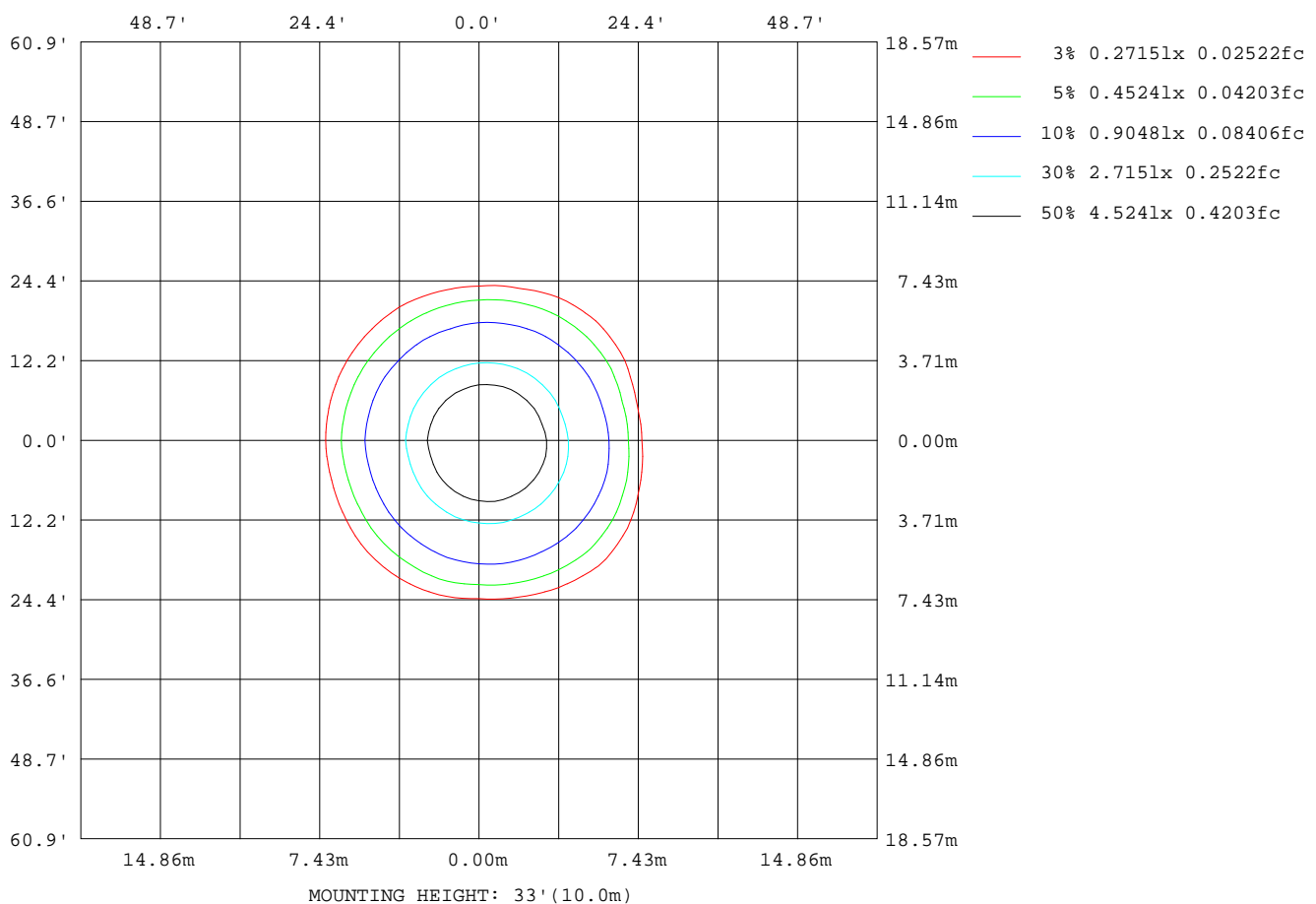
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ISOLUX DIAGRAM

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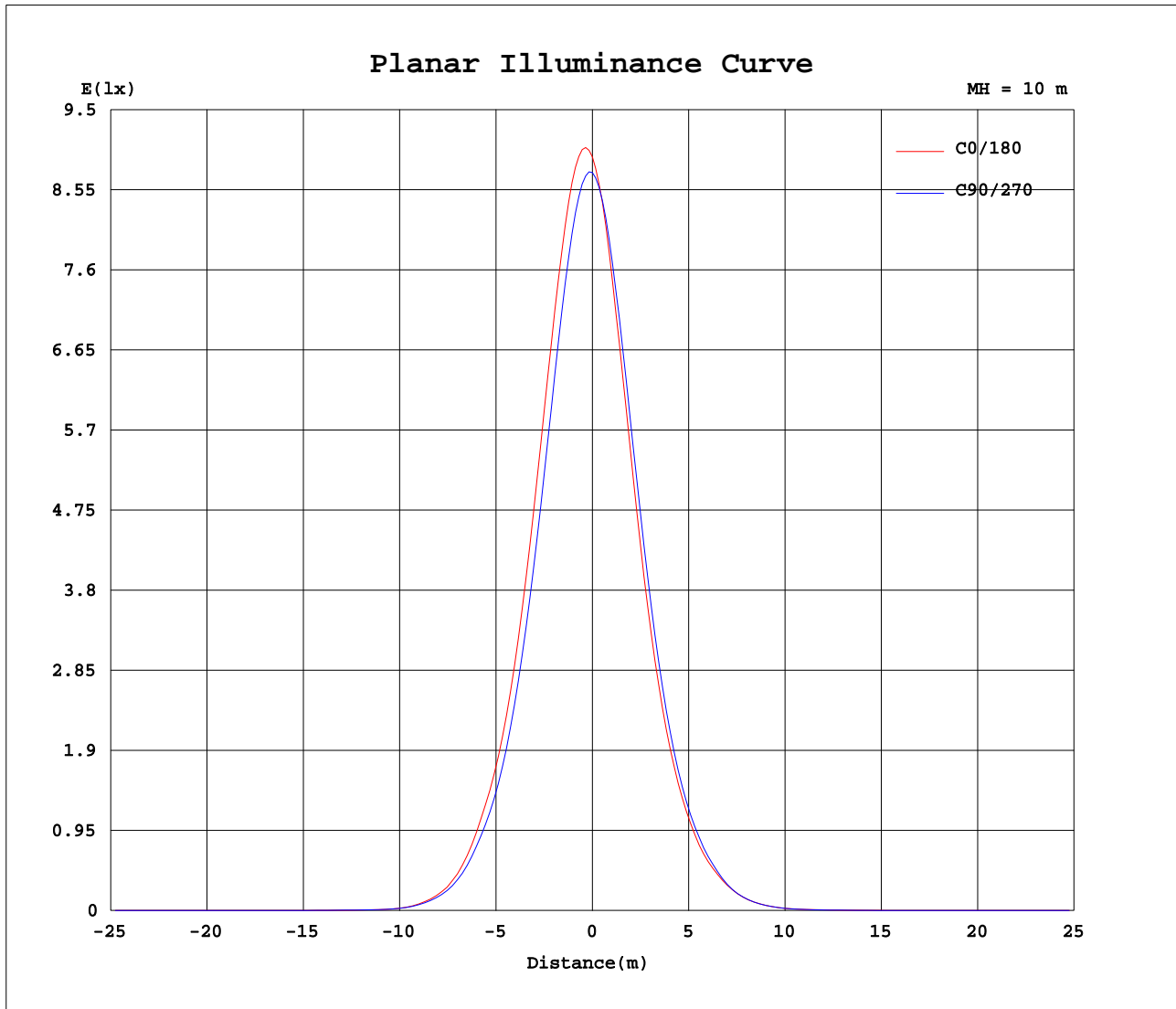


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Planar Illuminance Curve



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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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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]

G/C	0.0	15.0	30.0	45.0	60.0	75.0	90.0	105.0	120.0	135.0
0.0	894.0	888.8	886.5	883.2	881.1	877.4	875.4	872.7	870.8	869.4
3.0	906.4	905.0	900.3	893.8	884.8	876.4	865.5	855.8	843.6	835.4
6.0	878.2	879.4	872.8	863.9	848.8	835.6	816.8	800.9	779.9	766.0
9.0	811.3	816.3	809.4	799.0	779.9	763.1	737.5	717.6	691.2	674.0
12.0	720.1	726.7	719.8	708.6	685.9	667.4	638.0	617.2	588.1	568.9
15.0	613.8	622.7	614.7	602.7	579.8	561.8	532.5	510.1	482.7	464.7
18.0	503.0	513.2	506.4	494.4	473.4	456.6	430.1	408.9	384.0	366.2
21.0	397.1	408.4	402.4	391.8	373.4	358.8	335.3	317.8	295.7	281.1
24.0	304.1	313.9	310.5	301.6	285.7	273.8	253.0	240.1	222.7	211.5
27.0	228.9	236.5	233.8	226.6	213.4	203.1	187.8	178.2	165.1	155.9
30.0	168.7	175.2	172.4	167.5	156.1	148.2	137.1	129.4	118.6	111.8
33.0	110.7	120.8	123.4	119.7	110.2	100.6	90.98	89.55	81.89	78.02
36.0	66.91	76.06	84.28	84.31	74.72	62.67	55.39	57.67	56.09	54.03
39.0	37.84	44.95	55.31	58.06	47.52	37.82	32.84	35.67	37.88	37.15
42.0	19.18	24.66	34.46	39.36	29.38	20.61	17.14	20.16	24.63	25.55
45.0	8.071	11.09	19.61	25.91	15.92	9.507	7.651	9.609	14.86	17.31
48.0	3.790	4.876	9.320	15.75	7.745	4.576	3.802	4.768	7.601	11.18
51.0	2.545	3.033	4.580	7.746	4.054	2.941	2.597	2.970	4.166	6.092
54.0	1.456	1.869	2.705	3.550	2.581	1.777	1.530	1.994	2.633	3.051
57.0	0.4465	0.7342	1.545	1.910	1.369	0.6496	0.5148	0.9461	1.672	1.891
60.0	0.3435	0.3234	0.5650	0.8459	0.3984	0.3518	0.3873	0.3846	0.7770	0.9968
63.0	0.2279	0.2292	0.2736	0.2730	0.2912	0.2488	0.2673	0.2948	0.3459	0.3670
66.0	0.1510	0.1201	0.1775	0.1922	0.1862	0.1377	0.1708	0.1857	0.2583	0.2753
69.0	0.1285	0.0983	0.1073	0.1048	0.1247	0.1092	0.1444	0.1355	0.1838	0.1922
72.0	0.0941	0.0700	0.0875	0.0677	0.1007	0.0808	0.1094	0.1071	0.1423	0.1398
75.0	0.0596	0.0458	0.0635	0.0437	0.0744	0.0590	0.0810	0.0786	0.1095	0.1005
78.0	0.0372	0.0284	0.0438	0.0284	0.0569	0.0371	0.0613	0.0524	0.0788	0.0677
81.0	0.0263	0.0087	0.0328	0.0131	0.0351	0.0240	0.0438	0.0306	0.0569	0.0437
84.0	0.0154	0.0022	0.0175	0.0044	0.0241	0.0044	0.0263	0.0152	0.0329	0.0261
87.0	0.0087	0.0022	0.0066	0	0.0131	0.0022	0.0153	0.0022	0.0176	0.0044
90.0	0.0022	0.0022	0.0022	0	0.0044	0.0022	0.0044	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	867.2	866.8	894.0	888.8	886.5	883.2	881.1	877.4	875.4	872.7
3.0	824.7	820.2	842.9	834.5	833.2	833.0	837.3	838.5	845.4	850.3
6.0	748.3	740.1	757.8	747.4	748.5	750.7	759.6	765.3	779.3	790.8
9.0	652.4	642.9	656.3	645.4	648.2	651.6	663.3	670.5	690.2	704.6
12.0	546.9	537.3	548.3	537.1	540.6	545.2	557.2	565.2	587.3	603.4
15.0	441.8	432.0	440.5	431.8	435.5	440.3	451.6	460.1	481.4	497.4
18.0	346.5	337.3	345.5	337.5	340.4	345.2	356.0	363.4	380.8	397.2
21.0	264.6	257.6	264.2	257.2	259.7	263.0	271.9	277.7	291.8	306.3
24.0	197.4	192.7	198.2	193.1	194.9	195.7	202.8	207.0	218.7	229.8
27.0	145.5	142.1	146.3	141.9	144.2	143.5	148.6	151.1	160.9	170.0
30.0	103.6	100.6	103.9	101.0	101.7	102.1	104.9	106.8	115.1	123.5
33.0	71.93	69.98	72.96	70.85	70.24	70.90	72.18	74.60	78.60	86.68
36.0	49.34	45.55	46.58	47.45	48.75	49.04	50.14	47.74	47.48	53.68
39.0	32.69	27.53	27.31	29.52	33.72	34.28	33.93	28.98	27.58	31.22
42.0	20.59	15.41	15.21	17.22	22.43	23.98	21.98	16.35	15.08	17.24
45.0	11.73	7.999	7.844	9.145	14.15	16.75	13.43	8.625	7.702	8.629
48.0	6.233	4.483	4.421	5.172	7.910	11.28	7.540	4.914	4.095	4.425
51.0	3.790	3.014	3.052	3.363	4.772	6.903	4.608	3.164	2.761	2.835
54.0	2.573	1.943	1.852	2.160	3.127	3.744	3.028	1.980	1.631	1.774
57.0	1.534	0.8263	0.6765	0.9499	1.918	2.238	1.828	0.8121	0.5346	0.6546
60.0	0.5434	0.4589	0.5003	0.5031	0.8055	1.153	0.7402	0.4156	0.3801	0.3741
63.0	0.3852	0.3582	0.3778	0.3961	0.3889	0.4302	0.3429	0.3152	0.2707	0.2715
66.0	0.2890	0.2535	0.2753	0.2889	0.2948	0.3085	0.2490	0.2145	0.1749	0.1751
69.0	0.2188	0.2120	0.2337	0.2428	0.2163	0.2232	0.1748	0.1793	0.1399	0.1466
72.0	0.1816	0.1704	0.1813	0.2013	0.1748	0.1729	0.1420	0.1401	0.1027	0.1160
75.0	0.1423	0.1267	0.1332	0.1532	0.1354	0.1269	0.1027	0.1072	0.0721	0.0875
78.0	0.1073	0.0895	0.0960	0.1160	0.0939	0.0919	0.0655	0.0722	0.0437	0.0613
81.0	0.0766	0.0654	0.0698	0.0832	0.0611	0.0635	0.0414	0.0525	0.0283	0.0416
84.0	0.0461	0.0328	0.0306	0.0504	0.0306	0.0394	0.0196	0.0350	0.0087	0.0241
87.0	0.0285	0.0109	0.0044	0.0285	0.0065	0.0197	0	0.0153	0	0.0110
90.0	0.0109	0.0087	0.0044	0.0066	0.0022	0.0022	0	0	0	0

G/C	300.0	315.0	330.0	345.0
0.0	870.8	869.4	867.2	866.8
3.0	858.6	864.1	871.0	875.3
6.0	807.4	820.1	834.9	844.0
9.0	728.8	745.0	765.8	777.1
12.0	631.0	650.0	674.6	687.6
15.0	525.5	544.3	569.1	582.8
18.0	421.7	440.5	463.4	474.9
21.0	328.4	345.3	364.5	373.0

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2018-01-17

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:

GONIOPHOTOMETERS SYSTEM TEST REPORT

Photometric Data Table [cd]

24.0	249.5	263.0	278.5	284.3
27.0	185.8	196.3	207.4	212.2
30.0	135.7	143.4	151.4	155.5
33.0	95.14	101.9	106.8	104.9
36.0	65.25	70.45	71.74	65.10
39.0	42.37	48.02	45.71	37.06
42.0	25.73	32.00	27.59	19.52
45.0	14.38	20.56	14.64	8.604
48.0	7.123	12.17	6.793	3.920
51.0	3.849	5.775	3.599	2.603
54.0	2.445	2.749	2.362	1.599
57.0	1.459	1.623	1.391	0.5690
60.0	0.4965	0.7563	0.4616	0.3260
63.0	0.2773	0.2849	0.2424	0.2212
66.0	0.1833	0.2014	0.1506	0.1292
69.0	0.1288	0.1292	0.0895	0.1116
72.0	0.0917	0.0920	0.0655	0.0766
75.0	0.0633	0.0700	0.0415	0.0569
78.0	0.0349	0.0438	0.0349	0.0394
81.0	0.0218	0.0307	0.0065	0.0241
84.0	0.0043	0.0175	0.0022	0.0153
87.0	0	0.0066	0	0.0044
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: 2018-01-17

γ Range: 0 - 90DEG
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 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity: 52%
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