

LED Downlight SENSE Series S150R1-25W-930-N



Light Output Ratio:	100.0%	
Luminaire Power:	27.66 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-17

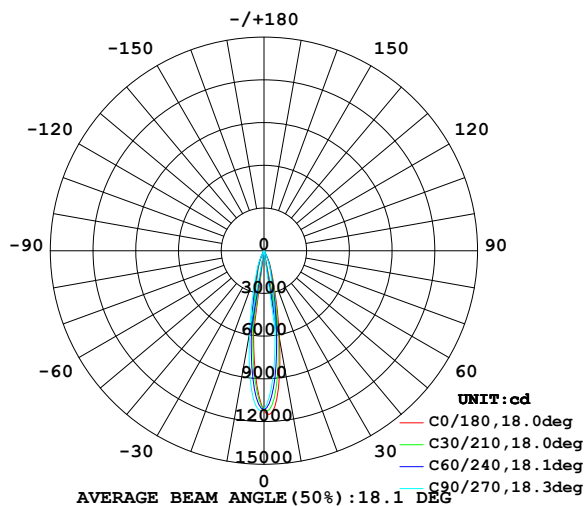
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

**LUMINAIRE PHOTOMETRIC TEST REPORT**

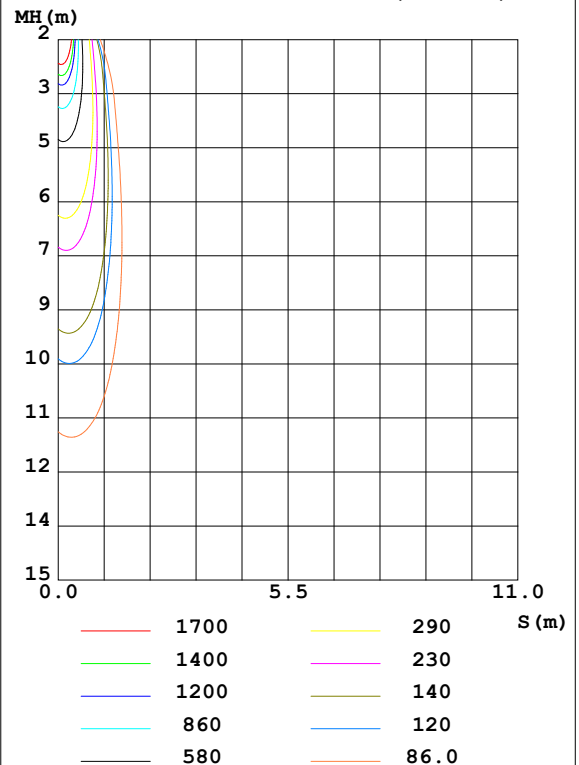
Test:U:220.7V I:0.1313A P:27.66W PF:0.9541 Lamp Flux:1788.3x1 lm		
NAME: S150R1-25W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: $\phi$ 162mm*H188mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 64.65 lm/W
MODEL	CITIZEN-3000K	I <sub>max</sub> (cd)	11624	S/MH (C0/180)	0.26	
NOMINAL POWER (W)	28	LOR (%)	100.0	S/MH (C90/270)	0.36	
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	1788.3	$\eta$ UP, DN (C0-180)	0.0, 46.8	
NOMINAL FLUX (lm)	1788.3	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.0, 53.2	
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	0.00	
TEST VOLTAGE (V)	220	$\eta$ down (%)	100.0	CIBSE SHR MAX	1.00	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



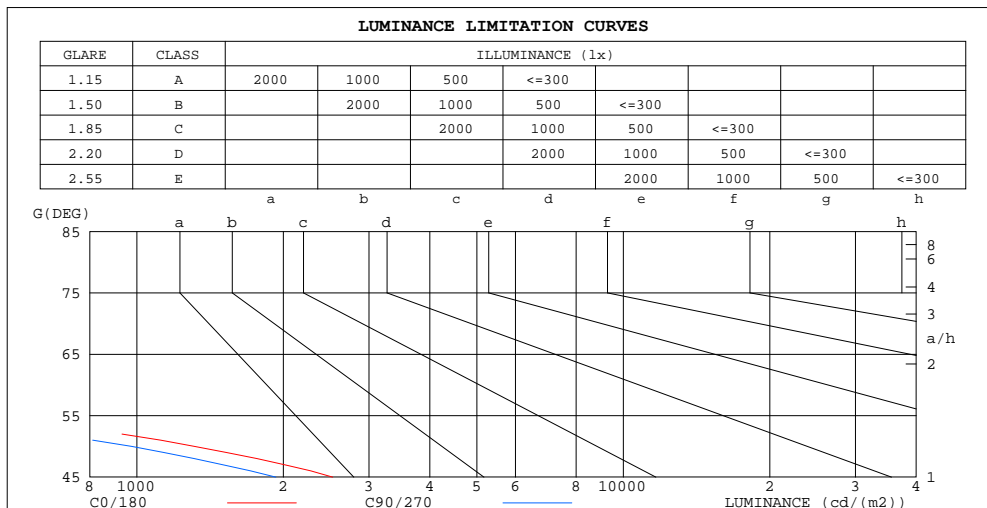
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-17

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:**

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum, lamp
10	628.6	529.7	425.9	378.3	390.4	445.8	585.0	680.9	0- 10	729.9	729.9	40.8,40.8
20	147.0	133.9	115.7	105.4	108.2	116.8	144.2	159.7	10- 20	712.0	1442	80.6,80.6
30	18.16	16.00	12.79	10.79	10.30	11.16	16.00	19.33	20- 30	270.4	1712	95.8,95.8
40	5.392	4.698	4.653	4.049	4.567	4.504	4.999	4.936	30- 40	47.14	1759	98.4,98.4
50	1.740	1.438	1.292	1.036	1.206	1.270	1.700	1.584	40- 50	23.34	1783	99.7,99.7
60	0.1454	0.1357	0.1119	0.1080	0.0941	0.1093	0.1400	0.1554	50- 60	4.586	1787	100,100
70	0.0300	0.0297	0.0352	0.0334	0.0227	0.0348	0.0314	0.0287	60- 70	0.5284	1788	100,100
80	0.0162	0.0166	0.0203	0.0208	0.0177	0.0140	0.0096	0.0142	70- 80	0.2041	1788	100,100
90	0.0151	0.0151	0.0168	0.0186	0.0149	0.0096	0.0085	0.0101	80- 90	0.1565	1788	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: $\times 10 \text{cd}$									UNIT: lm		



LUMINANCE $\text{cd}/(\text{m}^2)$		
G(°)	C0/180	C90/270
85	87	100
80	45	57
75	33	43
70	43	50
65	46	63
60	141	109
55	390	309
50	1314	976
45	2526	1931

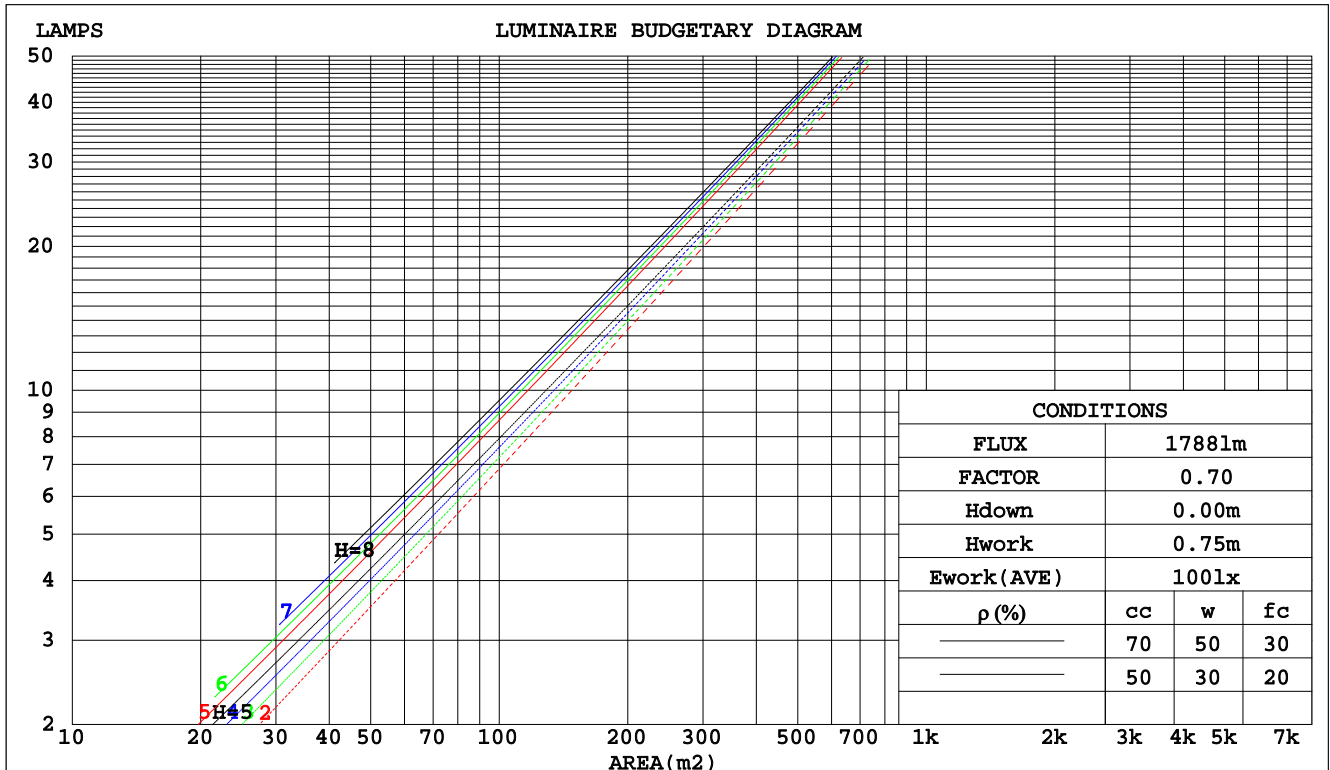
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-06-17

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:0.1313A P:27.66W PF:0.9541 Lamp Flux:1788.3x1 lm		
NAME: S150R1-25W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: $\phi$ 162mm*H188mm	
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															



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Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-17

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity:52%  
Test Distance:5.850m [K=1.0000]  
Remarks:

WEC AND CCEC

Test:U:220.7V I:0.1313A P:27.66W PF:0.9541 Lamp Flux:1788.3x1 lm		
NAME: S150R1-25W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: $\phi$ 162mm*H188mm	
MFR.: NEKO LIGHTING AG		

$\rho_{cc}$	80%			70%			50%			30%			10%			0	
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
$\rho_{fc}$	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.133	.076	.024	.126	.072	.023	.114	.065	.021	.103	.059	.019	.092	.053	.017		
2.0	.123	.067	.021	.118	.065	.020	.107	.060	.019	.098	.055	.017	.089	.051	.016		
3.0	.114	.061	.018	.110	.059	.018	.101	.055	.017	.094	.051	.016	.086	.048	.015		
4.0	.107	.056	.016	.103	.054	.016	.096	.051	.015	.090	.048	.015	.083	.045	.014		
5.0	.101	.051	.015	.097	.050	.015	.091	.048	.014	.086	.045	.013	.080	.043	.013		
6.0	.095	.048	.014	.092	.047	.013	.087	.045	.013	.082	.043	.013	.078	.041	.012		
7.0	.090	.045	.013	.088	.044	.012	.083	.042	.012	.079	.041	.012	.075	.039	.011		
8.0	.086	.042	.012	.084	.041	.012	.080	.040	.011	.076	.039	.011	.073	.037	.011		
9.0	.082	.040	.011	.080	.039	.011	.077	.038	.011	.073	.037	.011	.070	.036	.010		
10.0	.078	.038	.010	.077	.037	.010	.074	.036	.010	.071	.035	.010	.068	.034	.010		

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	.168	.158	.148	.144	.135	.128	.098	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.150	.133	.118	.128	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014	
3.0	.135	.113	.096	.115	.098	.083	.079	.068	.059	.046	.040	.035	.015	.013	.011	
4.0	.122	.098	.079	.105	.085	.069	.072	.059	.049	.042	.035	.029	.013	.011	.009	
5.0	.111	.085	.066	.095	.074	.058	.066	.052	.041	.038	.030	.024	.012	.010	.008	
6.0	.102	.075	.056	.088	.065	.049	.061	.046	.035	.035	.027	.021	.011	.009	.007	
7.0	.094	.067	.048	.081	.058	.042	.056	.041	.030	.033	.024	.018	.011	.008	.006	
8.0	.088	.060	.041	.076	.052	.036	.052	.037	.026	.030	.022	.015	.010	.007	.005	
9.0	.082	.055	.036	.071	.047	.031	.049	.033	.022	.029	.020	.013	.009	.006	.004	
10.0	.077	.050	.032	.066	.043	.028	.046	.030	.020	.027	.018	.012	.009	.006	.004	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-06-17

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:0.1313A P:27.66W PF:0.9541 Lamp Flux:1788.3x1 lm										
NAME: S150R1-25W-930-N					TYPE:Downlight			SERIAL No.:		
SPEC.:3000K					DIM.: $\phi$ 162mm*H188mm					
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	3.7	4.3	3.9	4.5	4.6	2.8	3.4	3.0	3.6	3.7
3H	3.6	4.2	3.8	4.3	4.5	2.7	3.2	2.9	3.4	3.6
4H	3.5	4.0	3.7	4.3	4.5	2.6	3.1	2.8	3.3	3.6
6H	3.4	3.9	3.7	4.2	4.4	2.5	3.0	2.8	3.3	3.5
8H	3.4	3.9	3.7	4.1	4.4	2.5	3.0	2.8	3.2	3.5
12H	3.3	3.8	3.6	4.1	4.3	2.4	2.9	2.7	3.2	3.4
4H 2H	3.5	4.1	3.8	4.3	4.5	2.6	3.2	2.9	3.4	3.6
3H	3.3	3.8	3.6	4.1	4.3	2.4	2.9	2.7	3.2	3.4
4H	3.2	3.7	3.6	4.0	4.3	2.3	2.8	2.7	3.1	3.4
6H	3.1	3.5	3.5	3.9	4.2	2.2	2.6	2.6	3.0	3.3
8H	3.1	3.5	3.5	3.8	4.2	2.2	2.6	2.6	2.9	3.3
12H	3.0	3.4	3.4	3.7	4.1	2.1	2.5	2.5	2.8	3.2
8H 4H	3.1	3.5	3.5	3.8	4.2	2.2	2.6	2.6	2.9	3.3
6H	3.0	3.3	3.4	3.7	4.1	2.1	2.4	2.5	2.8	3.2
8H	2.9	3.2	3.4	3.6	4.0	2.0	2.3	2.5	2.7	3.1
12H	2.9	3.1	3.3	3.5	4.0	2.0	2.2	2.4	2.6	3.1
12H 4H	3.0	3.4	3.4	3.7	4.1	2.1	2.5	2.5	2.8	3.2
6H	2.9	3.2	3.4	3.6	4.0	2.0	2.3	2.5	2.7	3.1
8H	2.9	3.1	3.3	3.5	4.0	2.0	2.2	2.4	2.6	3.1
Variations with the observer position at spacings:										
S = 1.0H	+ 2.4 / -11.6					+ 2.5 / -11.8				
1.5H	+ 3.0 / - 9.7					+ 3.4 / - 9.0				
2.0H	+ 6.4 / -15.3					+ 6.4 / -12.8				

CIE Pub.117 Corrected 1788 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.0)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-17

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:0.1313A P:27.66W PF:0.9541 Lamp Flux:1788.3x1 lm		
NAME: S150R1-25W-930-N	TYPE:Downlight	SERIAL No.:
SPEC.:3000K	DIM.: $\phi$ 162mm*H188mm	
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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) $k(RI) \times RCR = 5$									
$k = 0.60$	91	85	81	90	85	81	89	84	81	78
0.80	98	92	89	97	92	89	96	91	88	85
1.00	101	96	93	101	96	93	99	96	92	89
1.25	105	100	97	104	100	97	102	99	96	92
1.50	107	103	100	106	102	100	104	101	99	94
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	109	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		

C Range: 0 - 360DEG  
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$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
 Humidity:52%  
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 Remarks:

ISOCANDELA DIAGRAM

Test:U:220.7V I:0.1313A P:27.66W PF:0.9541 Lamp Flux:1788.3x1 lm		
NAME: S150R1-25W-930-N	TYPE:Downlight	SERIAL No.:
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MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

1774 lm

%lum = 99.2%

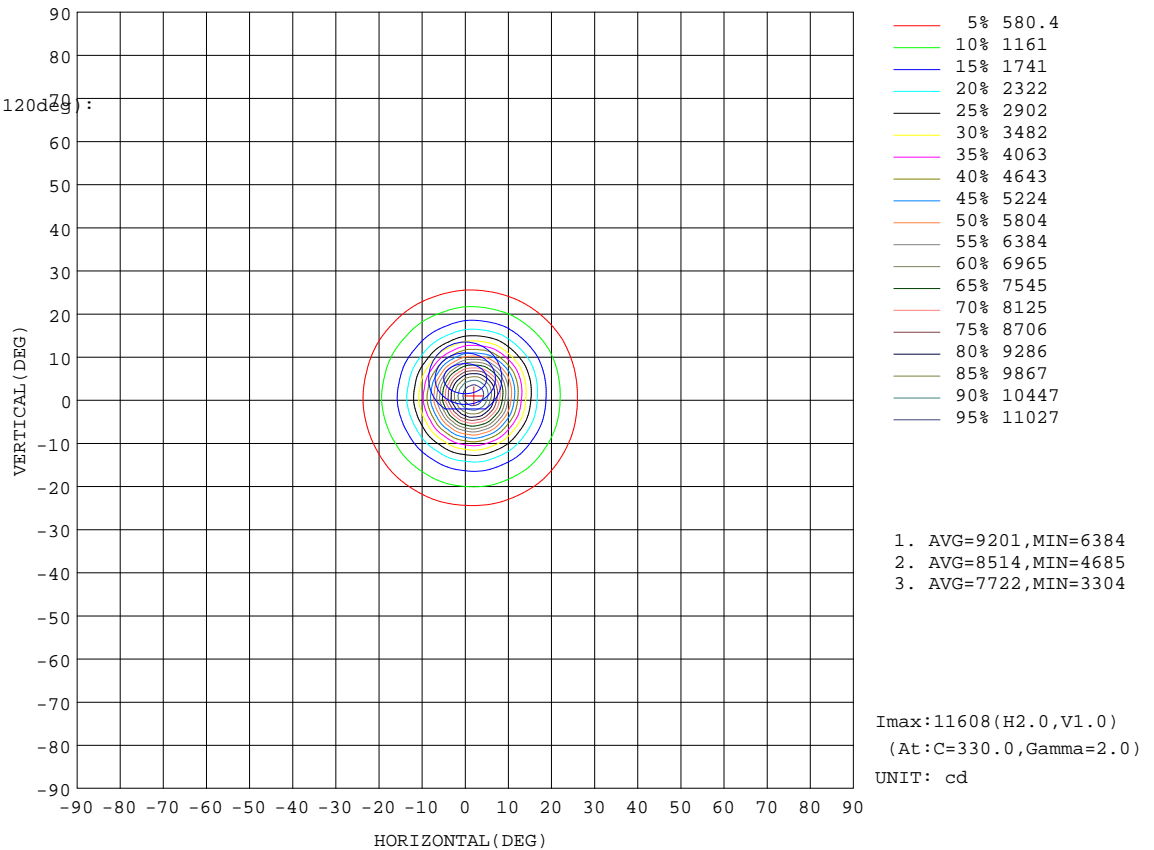
%lamp = 99.2%

Conical surface Flux(120deg):

1787.4 lm

%lum = 100.0%

%lamp = 100.0%



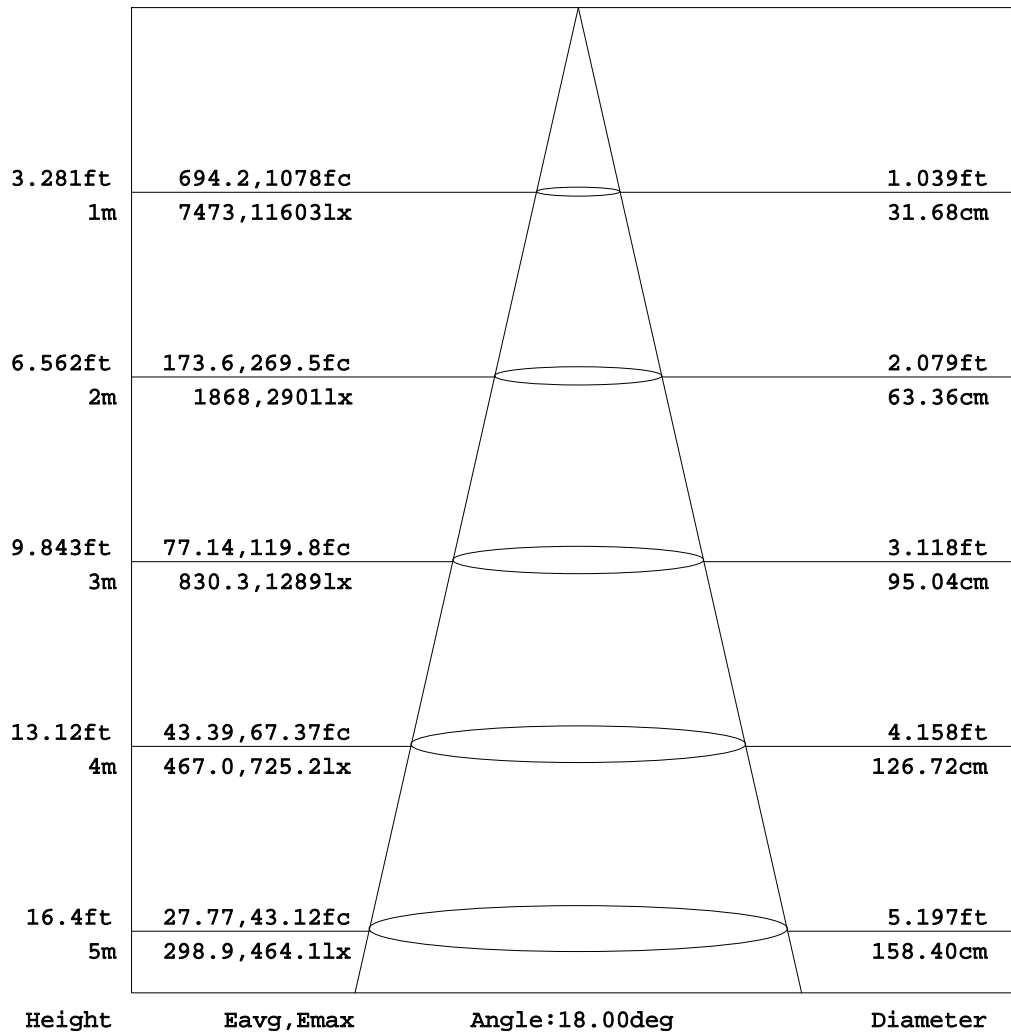
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**AAI Figure**

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SPEC.:3000K	DIM.: $\phi$ 162mm*H188mm	
MFR.: NEKO LIGHTING AG		

Flux out:729.9 lm



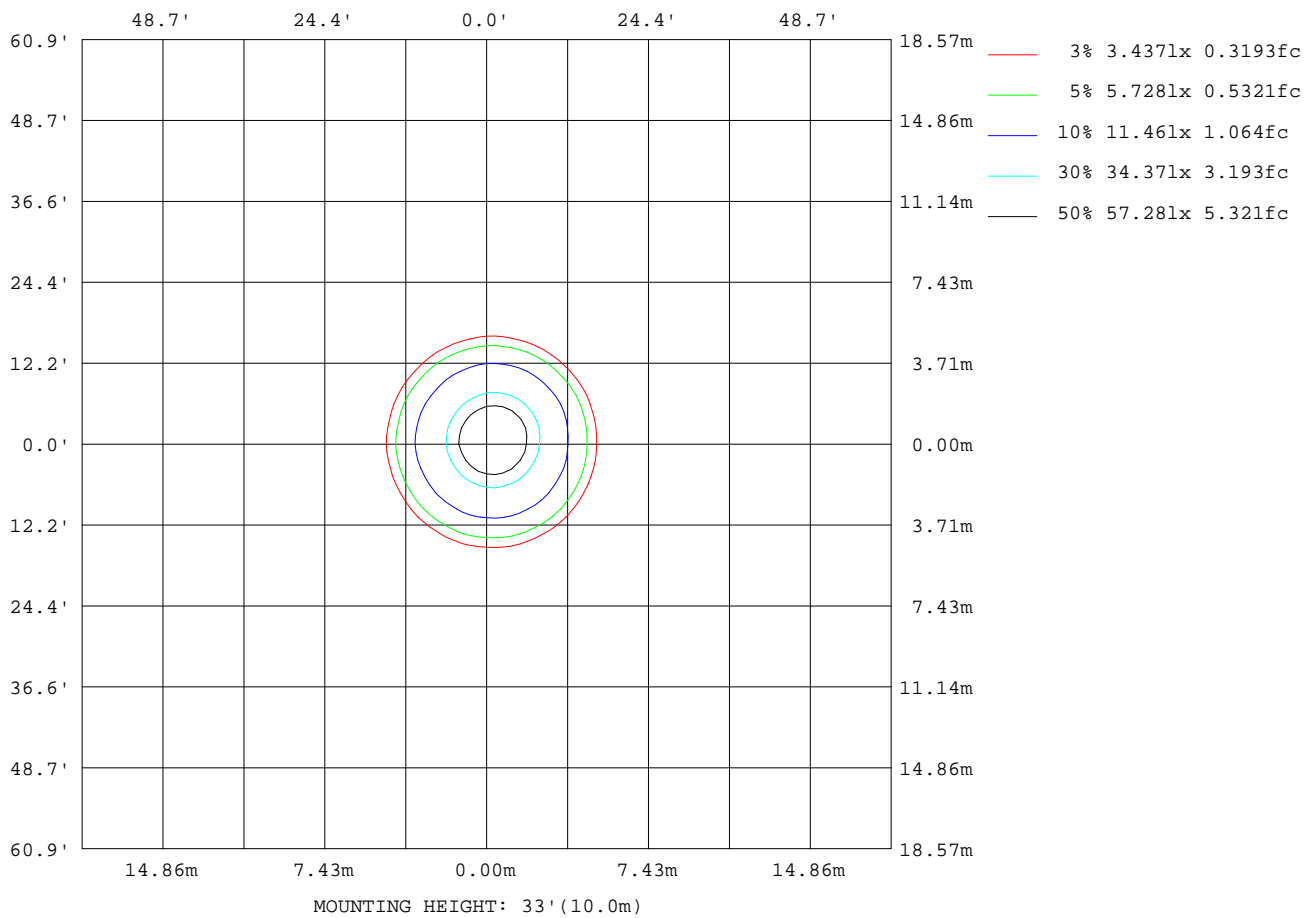
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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Humidity:52%  
Test Distance:5.850m [K=1.0000]  
Remarks:

**ISOLUX DIAGRAM**

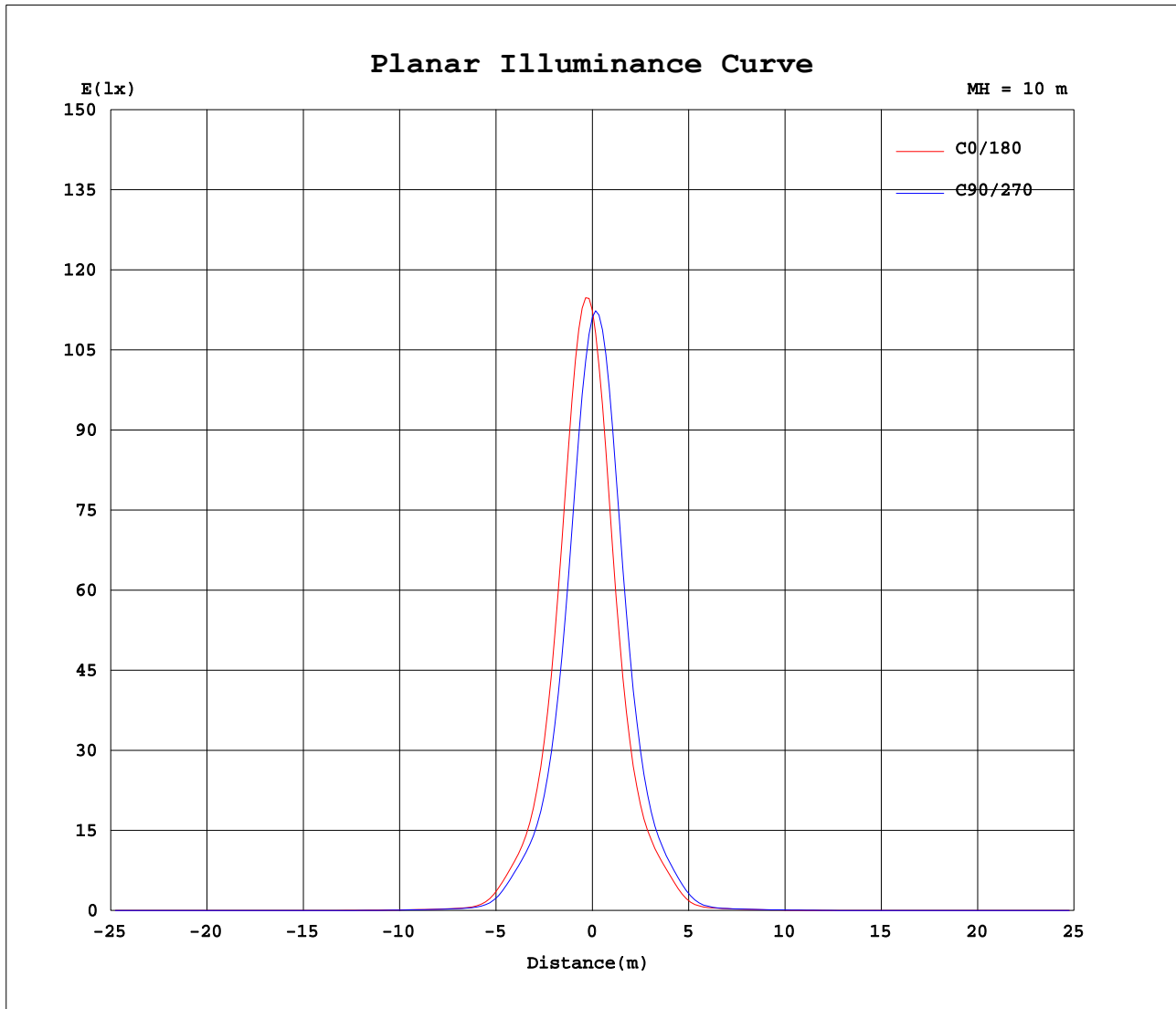
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SPEC.:3000K	DIM.: $\phi$ 162mm*H188mm	
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### Planar Illuminance Curve



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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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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	11239	11183	11190	11154	11143	11138	11113	11142	11107	11160
3.0	11331	11151	10852	10609	10257	10027	9705	9556	9309	9285
6.0	9738	9473	8974	8620	8086	7752	7288	7064	6735	6669
9.0	7151	6895	6397	6090	5598	5327	4919	4735	4450	4397
12.0	4726	4533	4174	3961	3636	3452	3179	3047	2856	2812
15.0	2981	2866	2649	2527	2332	2228	2063	1987	1873	1851
18.0	1913	1855	1743	1687	1583	1530	1440	1406	1330	1315
21.0	1304	1279	1229	1200	1136	1096	1025	999.4	942.6	929.7
24.0	868.8	863.9	817.6	793.5	726.7	690.7	629.5	600.5	553.4	533.5
27.0	441.4	438.2	403.6	388.5	345.9	325.6	286.9	271.0	242.4	231.5
30.0	181.6	177.4	164.7	160.0	147.1	147.1	127.9	129.7	115.6	107.9
33.0	94.65	92.60	89.08	85.74	84.17	82.43	79.03	78.88	76.58	71.65
36.0	70.27	70.20	68.91	64.42	64.62	64.88	62.24	61.90	60.39	56.62
39.0	57.57	57.93	55.65	50.72	51.23	51.84	50.18	49.41	47.71	44.43
42.0	47.68	47.52	45.60	40.25	40.29	41.03	39.56	38.18	35.37	32.99
45.0	36.80	36.90	34.52	30.04	29.07	29.54	28.13	26.83	24.75	22.82
48.0	24.34	24.73	22.84	20.06	18.93	19.19	18.08	17.52	16.02	14.61
51.0	14.51	14.40	13.22	11.96	11.12	11.21	10.52	10.27	9.133	8.045
54.0	5.592	5.548	5.227	5.059	4.740	4.585	4.426	4.439	4.105	4.028
57.0	3.016	3.010	2.874	2.809	2.641	2.504	2.422	2.419	2.201	2.196
60.0	1.454	1.462	1.371	1.357	1.231	1.180	1.119	1.161	1.005	1.080
63.0	0.5364	0.5387	0.4946	0.4868	0.4939	0.4743	0.5605	0.5925	0.5578	0.6120
66.0	0.3807	0.3650	0.3959	0.3629	0.4222	0.4195	0.5402	0.5595	0.5335	0.5398
69.0	0.3260	0.3147	0.3478	0.3169	0.3501	0.3212	0.3964	0.4475	0.4706	0.3996
72.0	0.2410	0.2335	0.2586	0.2359	0.2302	0.2032	0.2543	0.2536	0.2760	0.2340
75.0	0.1772	0.1661	0.2056	0.1967	0.2078	0.1836	0.2319	0.2361	0.2581	0.2383
78.0	0.1662	0.1623	0.1794	0.1684	0.1925	0.1684	0.2143	0.2164	0.2362	0.2230
81.0	0.1596	0.1585	0.1684	0.1639	0.1771	0.1683	0.1990	0.2033	0.2209	0.2055
84.0	0.1570	0.1547	0.1614	0.1574	0.1640	0.1683	0.1837	0.1836	0.2056	0.1923
87.0	0.1552	0.1509	0.1575	0.1509	0.1553	0.1662	0.1728	0.1727	0.1946	0.1858
90.0	0.1509	0.1509	0.1574	0.1509	0.1552	0.1727	0.1684	0.1727	0.1858	0.1858

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	11124	11186	11239	11183	11190	11154	11143	11138	11113	11160
3.0	9163	9282	9507	9564	9826	10002	10337	10584	10919	11152
6.0	6512	6631	6897	6994	7369	7646	8184	8587	9188	9567
9.0	4261	4344	4538	4607	4919	5155	5652	6045	6652	7052
12.0	2723	2770	2892	2938	3139	3308	3657	3953	4413	4723
15.0	1802	1834	1908	1930	2048	2135	2351	2531	2835	3026
18.0	1288	1308	1352	1362	1434	1467	1582	1676	1844	1948
21.0	900.9	917.9	954.6	955.0	1004	1032	1109	1163	1261	1315
24.0	505.2	513.3	541.0	547.3	587.2	614.8	680.9	723.3	805.1	838.5
27.0	212.3	212.8	222.5	221.1	245.1	260.3	305.6	337.2	394.3	416.6
30.0	101.7	101.9	103.0	101.1	106.9	111.6	133.4	139.3	160.0	171.0
33.0	71.51	73.64	75.08	73.99	75.19	75.05	77.76	81.49	86.45	89.27
36.0	57.45	60.26	60.57	59.87	60.85	59.53	61.04	63.88	64.95	66.60
39.0	45.04	48.43	49.35	48.84	50.28	48.39	49.73	52.36	53.22	54.34
42.0	33.97	37.17	38.25	38.60	40.25	38.57	39.76	42.97	43.70	44.89
45.0	23.55	25.98	27.09	27.44	28.89	28.09	29.35	32.31	33.40	34.85
48.0	14.96	16.34	17.40	17.51	18.52	18.12	19.40	21.76	23.35	24.17
51.0	7.802	8.541	9.459	9.435	10.29	10.15	11.23	12.70	14.15	14.52
54.0	3.905	3.956	4.111	4.092	4.323	4.344	4.679	4.807	5.199	5.330
57.0	2.096	2.119	2.142	2.195	2.293	2.320	2.487	2.618	2.853	2.922
60.0	0.9783	0.9312	0.9413	0.9602	1.090	1.093	1.181	1.240	1.400	1.396
63.0	0.5295	0.4219	0.3936	0.4268	0.4567	0.5410	0.4917	0.5329	0.5738	0.5464
66.0	0.4246	0.3891	0.3737	0.3959	0.3737	0.4616	0.4437	0.4681	0.4371	0.4112
69.0	0.3219	0.3209	0.2879	0.3326	0.3013	0.3960	0.3690	0.3763	0.3559	0.3261
72.0	0.2114	0.1181	0.1073	0.1102	0.2002	0.2106	0.1962	0.2105	0.2005	0.2015
75.0	0.1882	0.1467	0.1446	0.1049	0.1668	0.1684	0.1334	0.1532	0.1311	0.1421
78.0	0.1792	0.2121	0.1858	0.1595	0.1335	0.1487	0.1114	0.1312	0.1093	0.1225
81.0	0.1792	0.2011	0.1705	0.1563	0.1115	0.1334	0.0984	0.1181	0.0962	0.1094
84.0	0.1793	0.1814	0.1595	0.1531	0.1027	0.1225	0.0852	0.1028	0.0853	0.0984
87.0	0.1793	0.1705	0.1487	0.1422	0.1006	0.1115	0.0831	0.0962	0.0853	0.0940
90.0	0.1749	0.1705	0.1487	0.1268	0.1006	0.0962	0.0831	0.0853	0.0853	0.0896

G/C	300.0	315.0	330.0	345.0
0.0	11107	11160	11124	11186
3.0	11387	11508	11574	11522
6.0	10015	10171	10303	10132
9.0	7546	7681	7829	7589
12.0	5117	5203	5298	5080
15.0	3286	3335	3389	3219
18.0	2088	2110	2144	2038
21.0	1400	1398	1436	1365

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-06-17

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	898.0	907.9	940.2	905.0
27.0	458.5	467.6	493.3	469.7
30.0	190.3	193.3	203.7	194.1
33.0	95.09	95.87	98.77	98.48
36.0	68.82	68.15	69.30	71.83
39.0	55.93	53.31	55.24	58.95
42.0	45.74	41.99	44.61	48.59
45.0	35.86	31.56	33.87	37.36
48.0	24.53	21.68	23.32	25.33
51.0	14.69	13.29	14.39	15.24
54.0	5.686	5.730	5.885	5.800
57.0	3.181	3.172	3.283	3.192
60.0	1.583	1.554	1.609	1.554
63.0	0.6166	0.5773	0.6141	0.5926
66.0	0.3888	0.3566	0.3606	0.3850
69.0	0.2883	0.3084	0.3103	0.3412
72.0	0.2050	0.2364	0.2421	0.2735
75.0	0.1442	0.1728	0.1705	0.2056
78.0	0.1224	0.1531	0.1486	0.1772
81.0	0.1049	0.1356	0.1311	0.1597
84.0	0.0983	0.1203	0.1093	0.1421
87.0	0.0896	0.1093	0.1006	0.1247
90.0	0.0896	0.1006	0.1006	0.1137

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-17

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: