

LED Downlight SENSE Series S150R1-25W-940-W



Light Output Ratio:	100.0%	
Luminaire Power:	27.52 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: 2017-06-21

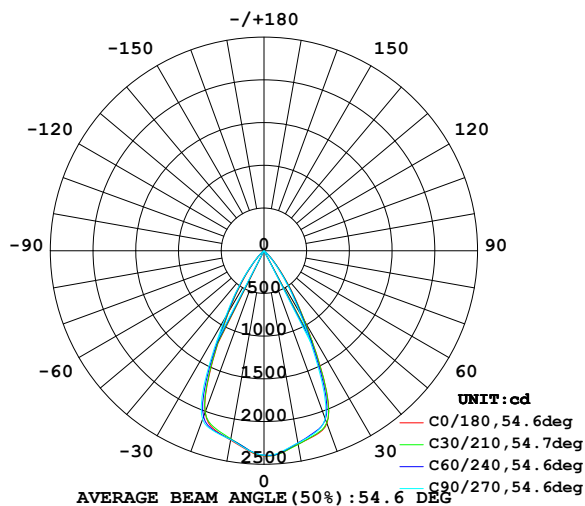
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity: 52%  
Test Distance: 5.850m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

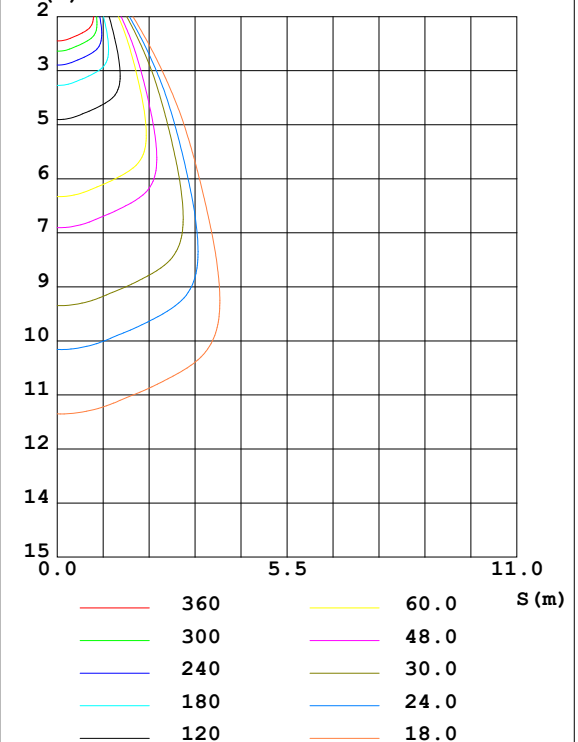
Test:U:220.7V I:0.1307A P:27.52W PF:0.9540 Lamp Flux:1935.03x1 lm		
NAME: S150R1-25W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\phi$ 162mm*H188mm	
MFR.: NEKO LIGHTING AG		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 70.32 lm/W			
MODEL	CITIZEN-4000K	I <sub>max</sub> (cd)	2404	S/MH (C0/180)	0.79
NOMINAL POWER (W)	28	LOR (%)	100.0	S/MH (C90/270)	0.82
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	1935.0	$\eta$ UP, DN (C0-180)	0.0, 49.6
NOMINAL FLUX (lm)	1935.03	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.0, 50.4
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	220	$\eta$ down (%)	100.0	CIBSE SHR MAX	0.80

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



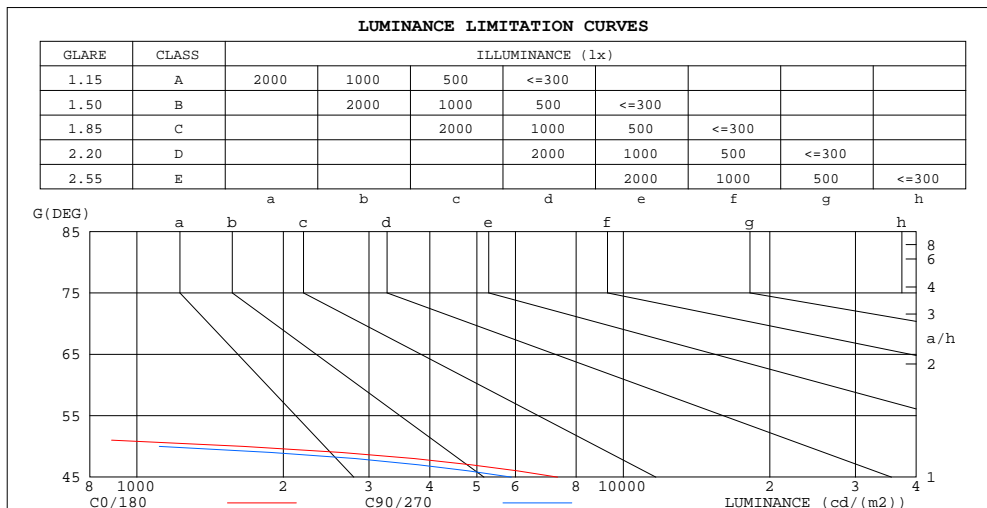
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-21

$\gamma$  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	2300	2298	2286	2268	2251	2229	2245	2275	0- 10	221.5	221.5	11.4,11.4
20	2152	2139	2094	2048	2015	2027	2102	2148	10- 20	622.1	843.7	43.6,43.6
30	962.9	939.8	845.1	813.5	828.8	847.9	915.6	970.8	20- 30	688.1	1532	79.2,79.2
40	253.3	236.9	211.1	210.7	223.7	231.5	251.1	265.5	30- 40	318.0	1850	95.6,95.6
50	21.93	19.41	14.73	13.84	15.98	16.05	19.20	23.69	40- 50	80.38	1930	99.7,99.7
60	1.080	1.051	0.8778	1.089	1.090	1.015	1.135	1.186	50- 60	4.152	1934	100,100
70	0.2472	0.2272	0.2255	0.2662	0.3051	0.3044	0.2748	0.2890	60- 70	0.4710	1935	100,100
80	0.1378	0.1248	0.1334	0.1377	0.0787	0.0941	0.0743	0.1028	70- 80	0.1523	1935	100,100
90	0.1246	0.1203	0.1224	0.1246	0.0612	0.0612	0.0568	0.0634	80- 90	0.1111	1935	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		



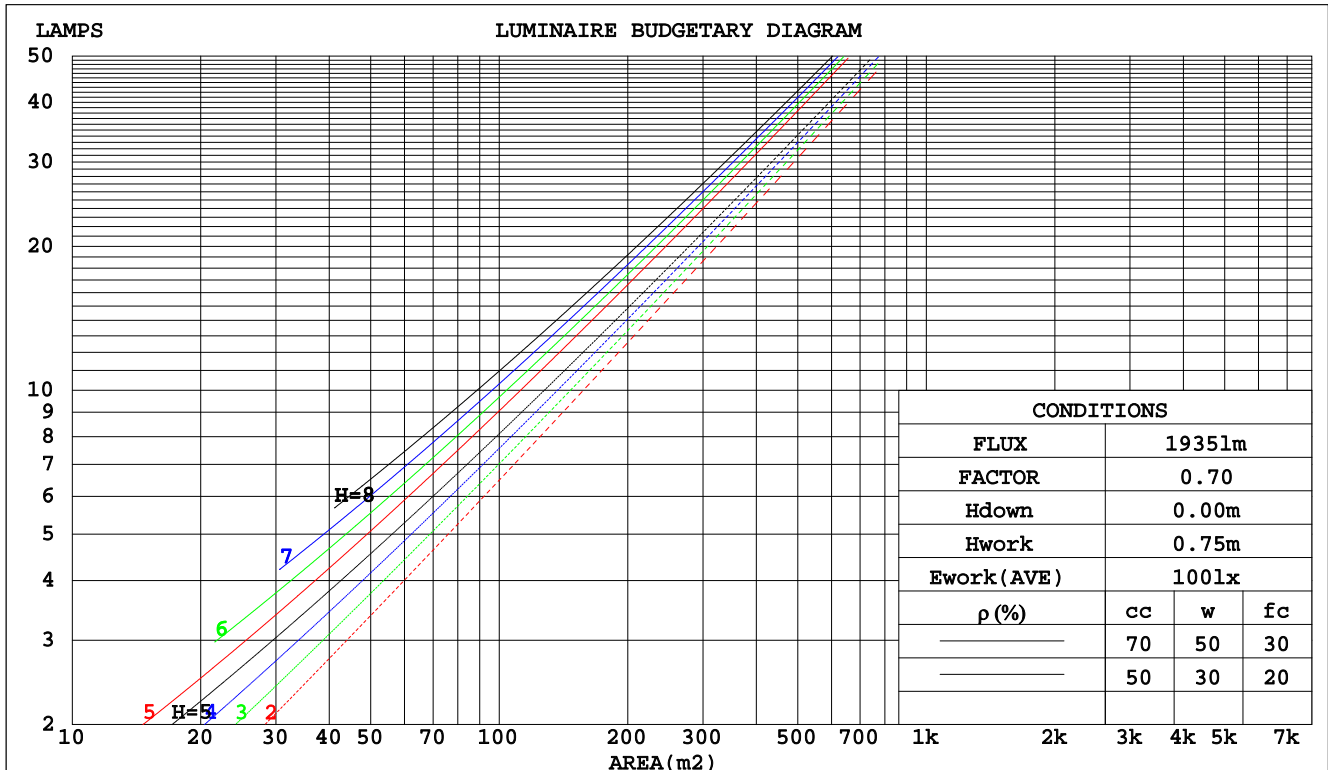
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-21

$\gamma$  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:0.1307A P:27.52W PF:0.9540 Lamp Flux:1935.03x1 lm		
NAME: S150R1-25W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	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						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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.93	.92	.90	.88
3.0	.97	.93	.89	.96	.92	.88	.94	.90	.87	.91	.88	.86	.89	.86	.84	.83
4.0	.92	.86	.82	.90	.86	.82	.88	.84	.81	.86	.83	.80	.85	.82	.79	.78
5.0	.86	.81	.77	.85	.80	.76	.83	.79	.76	.82	.78	.75	.80	.77	.74	.73
6.0	.81	.76	.72	.80	.75	.71	.79	.74	.71	.78	.73	.70	.76	.73	.70	.69
7.0	.77	.71	.67	.76	.71	.67	.75	.70	.67	.74	.69	.66	.73	.69	.66	.65
8.0	.73	.67	.63	.72	.67	.63	.71	.66	.63	.70	.66	.62	.69	.65	.62	.61
9.0	.69	.63	.59	.68	.63	.59	.67	.63	.59	.67	.62	.59	.66	.62	.59	.57
10.0	.65	.60	.56	.65	.60	.56	.64	.59	.56	.63	.59	.56	.63	.59	.56	.54



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-21

$\gamma$  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:0.1307A P:27.52W PF:0.9540 Lamp Flux:1935.03x1 lm		
NAME: S150R1-25W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	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	.169	.096	.031	.163	.093	.029	.150	.086	.028	.139	.080	.026	.128	.074	.024		
2.0	.162	.089	.027	.156	.086	.026	.145	.081	.025	.136	.076	.024	.127	.072	.023		
3.0	.154	.082	.025	.149	.080	.024	.140	.076	.023	.132	.072	.022	.124	.069	.021		
4.0	.147	.076	.022	.143	.075	.022	.135	.072	.021	.128	.069	.021	.121	.066	.020		
5.0	.140	.071	.021	.136	.070	.020	.130	.068	.020	.124	.065	.019	.118	.063	.019		
6.0	.134	.067	.019	.131	.066	.019	.125	.064	.019	.119	.062	.018	.114	.060	.018		
7.0	.128	.063	.018	.125	.063	.018	.120	.061	.018	.115	.059	.017	.111	.058	.017		
8.0	.123	.060	.017	.121	.059	.017	.116	.058	.017	.112	.056	.016	.107	.055	.016		
9.0	.118	.057	.016	.116	.056	.016	.112	.055	.016	.108	.054	.015	.104	.053	.015		
10.0	.113	.054	.015	.112	.054	.015	.108	.053	.015	.104	.052	.015	.101	.051	.015		

$\rho_{cc}$	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	.171	.157	.145	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.155	.133	.114	.133	.114	.098	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.079	.084	.068	.055	.048	.040	.033	.016	.013	.011	
4.0	.132	.099	.074	.113	.085	.064	.078	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.123	.087	.061	.105	.075	.053	.073	.053	.037	.042	.031	.022	.014	.010	.007	
6.0	.115	.078	.051	.099	.067	.044	.068	.047	.031	.040	.028	.019	.013	.009	.006	
7.0	.109	.070	.043	.094	.061	.037	.065	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.103	.064	.037	.089	.055	.032	.061	.039	.023	.036	.023	.014	.012	.008	.004	
9.0	.098	.059	.032	.084	.051	.028	.059	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.094	.054	.028	.081	.047	.024	.056	.033	.017	.033	.020	.010	.011	.006	.003	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Meng Yongjian  
 Test Date:2017-06-21

$\gamma$  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:0.1307A P:27.52W PF:0.9540 Lamp Flux:1935.03x1 lm										
NAME: S150R1-25W-940-W					TYPE:Downlight			SERIAL No.:		
SPEC.:4000K					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	14.9	15.8	15.1	16.0	16.1	14.2	15.1	14.4	15.3	15.4
3H	14.7	15.5	15.0	15.7	15.9	14.0	14.8	14.3	15.0	15.2
4H	14.6	15.4	14.9	15.6	15.9	13.9	14.7	14.2	14.9	15.2
6H	14.5	15.3	14.8	15.5	15.8	13.8	14.6	14.1	14.8	15.1
8H	14.5	15.2	14.8	15.5	15.7	13.8	14.5	14.1	14.8	15.0
12H	14.5	15.1	14.8	15.4	15.7	13.8	14.4	14.1	14.7	15.0
4H 2H	14.6	15.4	14.9	15.6	15.9	13.9	14.7	14.2	14.9	15.2
3H	14.5	15.1	14.8	15.4	15.7	13.8	14.4	14.1	14.7	15.0
4H	14.4	15.0	14.7	15.3	15.6	13.7	14.3	14.0	14.6	14.9
6H	14.3	14.8	14.6	15.1	15.5	13.6	14.1	13.9	14.4	14.8
8H	14.2	14.7	14.6	15.1	15.4	13.5	14.0	13.9	14.4	14.7
12H	14.2	14.6	14.6	15.0	15.4	13.5	13.9	13.9	14.3	14.7
8H 4H	14.2	14.7	14.6	15.1	15.4	13.5	14.0	13.9	14.4	14.7
6H	14.1	14.5	14.5	14.9	15.3	13.4	13.8	13.8	14.2	14.6
8H	14.1	14.4	14.5	14.8	15.3	13.4	13.7	13.8	14.1	14.6
12H	14.0	14.3	14.5	14.7	15.2	13.3	13.6	13.8	14.0	14.5
12H 4H	14.2	14.6	14.6	15.0	15.4	13.5	13.9	13.9	14.3	14.7
6H	14.1	14.4	14.5	14.8	15.3	13.4	13.7	13.8	14.1	14.6
8H	14.0	14.3	14.5	14.7	15.2	13.3	13.6	13.8	14.0	14.5
Variations with the observer position at spacings:										
S = 1.0H	+ 3.5 / -24.3					+ 3.2 / -24.4				
1.5H	+ 5.9 / -20.7					+ 5.6 / -20.3				
2.0H	+ 8.2 / -22.3					+ 7.9 / -21.2				

CIE Pub.117 Corrected 1935 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.3)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Meng Yongjian  
Test Date:2017-06-21

$\gamma$  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:0.1307A P:27.52W PF:0.9540 Lamp Flux:1935.03x1 lm		
NAME: S150R1-25W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\phi$ 162mm*H188mm	
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) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	88	83	79	88	82	79	75
0.80	96	91	87	95	90	87	94	90	86	83
1.00	100	95	92	100	95	91	98	94	91	87
1.25	104	99	96	103	99	96	101	98	95	91
1.50	107	102	99	106	102	99	103	100	98	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	104	102	96
3.00	112	109	106	110	108	105	107	105	103	97
4.00	114	112	109	112	110	108	109	107	105	98
5.00	115	113	111	113	111	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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 $\gamma$  Interval: 1.0DEG  
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Humidity:52%  
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Remarks:

ISOCANDELA DIAGRAM

Test:U:220.7V I:0.1307A P:27.52W PF:0.9540 Lamp Flux:1935.03x1 lm		
NAME: S150R1-25W-940-W	TYPE:Downlight	SERIAL No.:
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MFR.: NEKO LIGHTING AG		

Conical surface Flux(90deg):

1908.4 lm

%lum = 98.6%

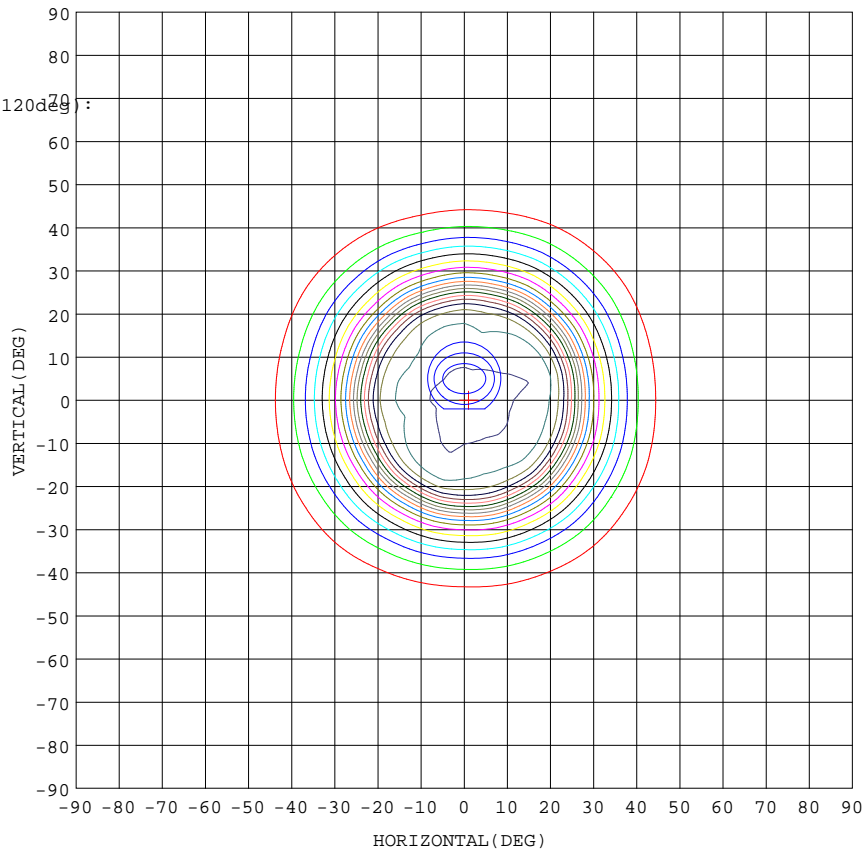
%lamp = 98.6%

Conical surface Flux(120deg):

1934.3 lm

%lum = 100.0%

%lamp = 100.0%



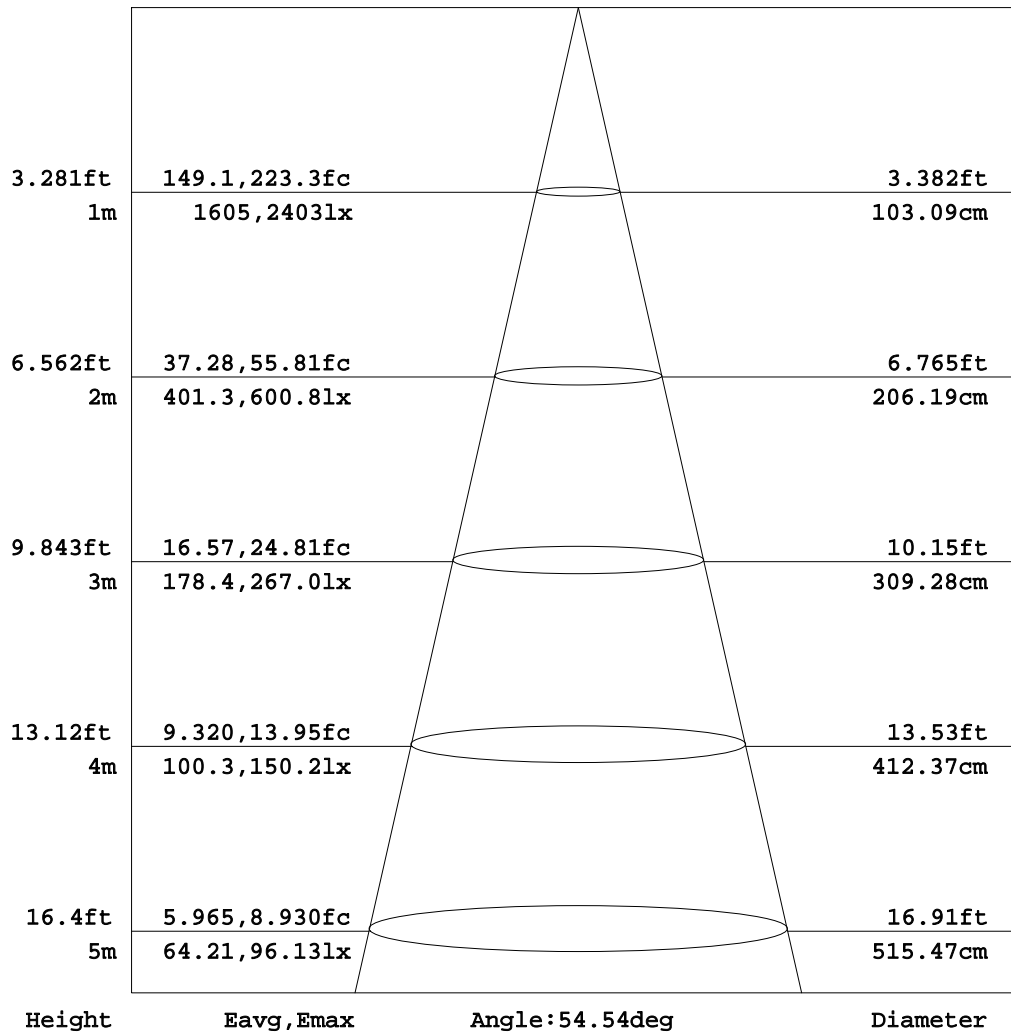
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Remarks:

**AAI Figure**

Test:U:220.7V I:0.1307A P:27.52W PF:0.9540 Lamp Flux:1935.03x1 lm		
NAME: S150R1-25W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\phi$ 162mm*H188mm	
MFR.: NEKO LIGHTING AG		

Flux out:1426 lm



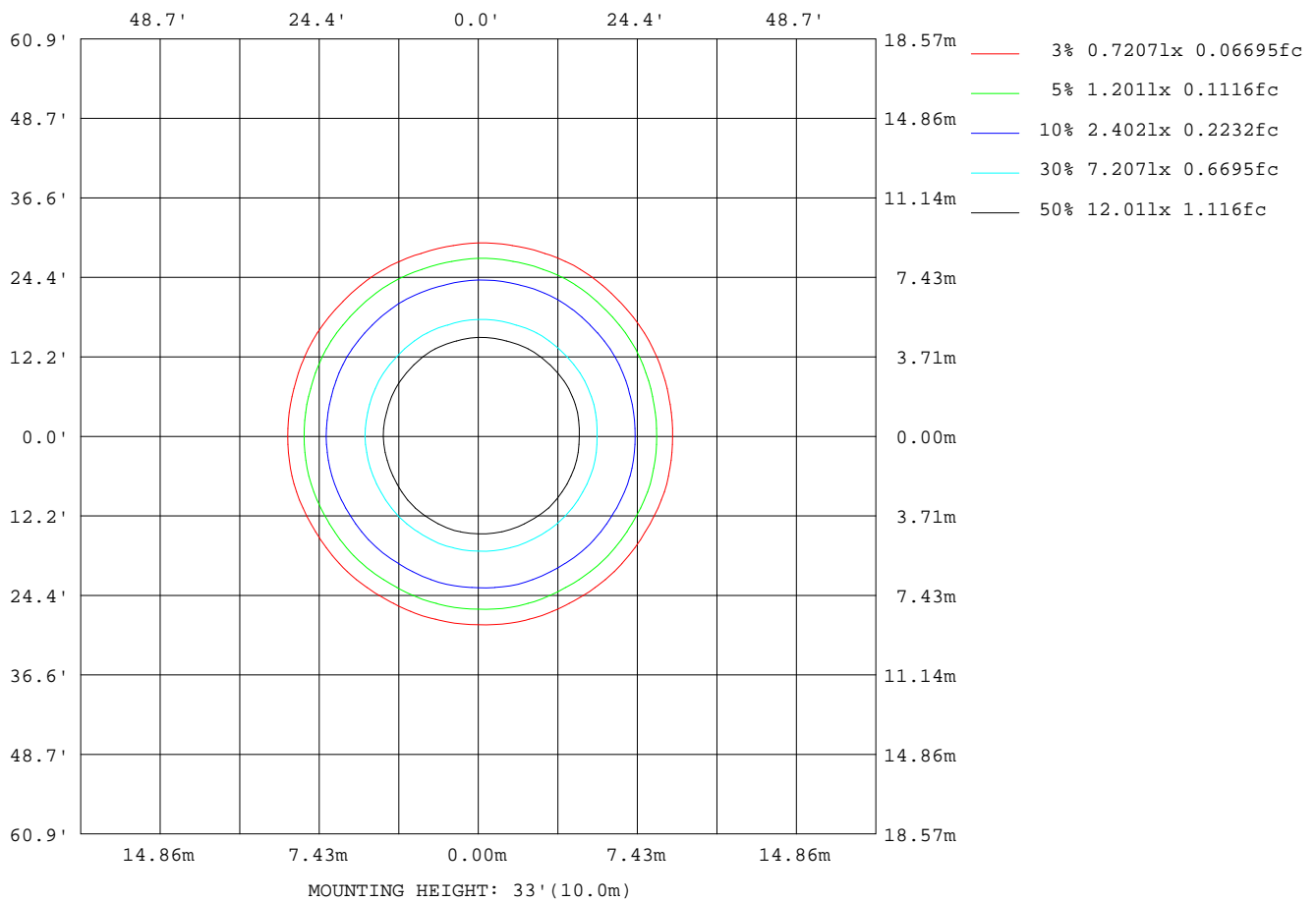
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.288  
Humidity:52%  
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Remarks:

**ISOLUX DIAGRAM**

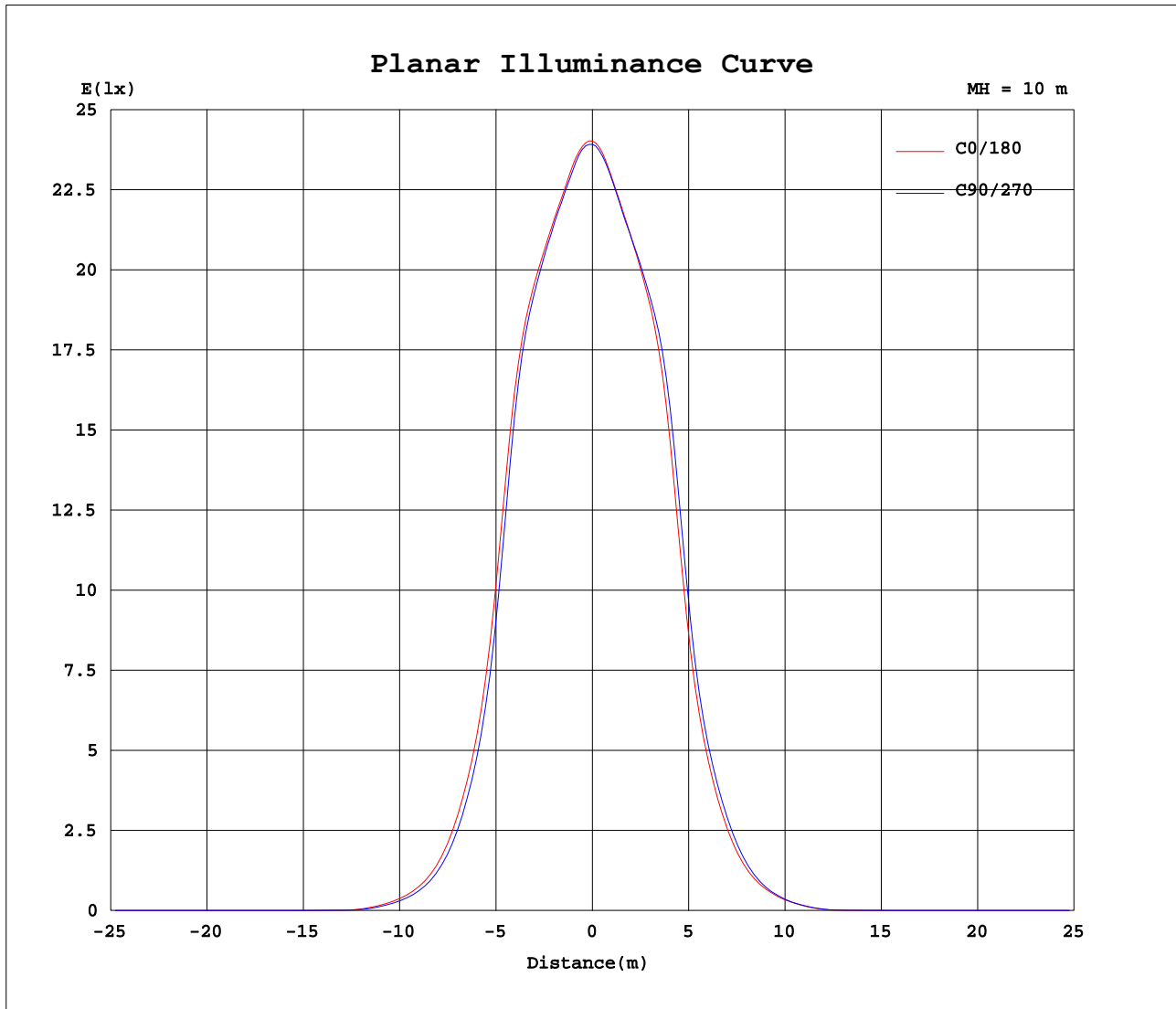
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NAME: S150R1-25W-940-W	TYPE:Downlight	SERIAL No.:
SPEC.:4000K	DIM.: $\phi$ 162mm*H188mm	
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Remarks:

### Planar Illuminance Curve



C Range: 0 - 360DEG  
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γ Interval: 1.0DEG
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Humidity:52%
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Remarks:

```

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	2402	2402	2397	2393	2393	2392	2392	2392	2393	2392
3.0	2394	2397	2397	2397	2393	2391	2386	2390	2382	2376
6.0	2359	2358	2358	2357	2350	2346	2343	2354	2338	2324
9.0	2311	2311	2315	2312	2300	2299	2297	2315	2301	2280
12.0	2278	2269	2275	2273	2256	2253	2260	2290	2275	2247
15.0	2248	2236	2241	2234	2213	2206	2223	2256	2244	2213
18.0	2211	2196	2201	2193	2165	2158	2171	2203	2184	2152
21.0	2100	2097	2097	2089	2046	2036	2025	2040	1997	1964
24.0	1804	1812	1795	1785	1724	1703	1661	1649	1591	1573
27.0	1355	1364	1338	1328	1268	1249	1199	1189	1144	1138
30.0	962.9	969.5	948.4	939.8	900.0	882.9	845.1	839.9	811.6	813.5
33.0	687.4	691.2	670.3	661.0	637.0	621.4	596.1	588.5	571.2	576.5
36.0	467.9	471.4	450.5	444.4	424.0	416.9	395.6	391.4	379.4	388.1
39.0	298.1	300.1	283.8	279.1	265.3	262.6	249.2	245.8	239.6	247.4
42.0	182.8	183.5	172.0	169.4	160.8	158.9	150.5	148.9	146.5	151.8
45.0	106.7	107.3	99.29	97.61	92.35	90.85	85.74	84.70	83.48	87.04
48.0	51.25	51.89	46.94	46.15	42.41	42.49	38.80	37.62	35.98	38.13
51.0	11.50	12.15	10.32	10.32	8.956	8.994	7.783	7.446	6.957	7.356
54.0	4.742	4.762	4.574	4.541	4.338	4.268	4.027	4.048	3.948	4.089
57.0	2.440	2.460	2.361	2.322	2.193	2.161	2.055	2.093	2.113	2.203
60.0	1.080	1.117	1.055	1.051	0.9501	0.9290	0.8778	0.9598	1.009	1.089
63.0	0.3694	0.3647	0.3779	0.3670	0.3774	0.3473	0.3726	0.4261	0.5516	0.6034
66.0	0.3041	0.2885	0.3216	0.2907	0.3129	0.2710	0.3042	0.3364	0.4835	0.5485
69.0	0.2625	0.2470	0.2778	0.2491	0.2538	0.2207	0.2516	0.2534	0.3046	0.3795
72.0	0.1777	0.1746	0.1843	0.1869	0.1581	0.1376	0.1536	0.1486	0.1756	0.1987
75.0	0.1531	0.1377	0.1640	0.1451	0.1422	0.1224	0.1422	0.1342	0.1618	0.1734
78.0	0.1421	0.1334	0.1531	0.1261	0.1378	0.1219	0.1356	0.1244	0.1531	0.1480
81.0	0.1356	0.1295	0.1400	0.1242	0.1328	0.1213	0.1312	0.1238	0.1422	0.1358
84.0	0.1290	0.1271	0.1356	0.1222	0.1309	0.1208	0.1268	0.1231	0.1356	0.1302
87.0	0.1246	0.1246	0.1312	0.1203	0.1291	0.1203	0.1224	0.1224	0.1290	0.1246
90.0	0.1246	0.1246	0.1246	0.1203	0.1268	0.1224	0.1224	0.1224	0.1290	0.1246

G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	2392	2393	2402	2397	2393	2393	2392	2392	2392	2392
3.0	2365	2360	2375	2374	2368	2360	2363	2363	2365	2362
6.0	2309	2296	2319	2319	2305	2298	2306	2310	2314	2310
9.0	2259	2244	2267	2267	2251	2244	2255	2260	2259	2250
12.0	2220	2194	2222	2225	2204	2204	2222	2227	2226	2205
15.0	2179	2153	2180	2180	2161	2166	2192	2200	2197	2175
18.0	2114	2090	2113	2110	2100	2113	2142	2157	2161	2140
21.0	1914	1903	1936	1929	1941	1956	2005	2021	2045	2034
24.0	1525	1530	1565	1555	1587	1601	1664	1676	1727	1738
27.0	1107	1117	1144	1139	1166	1169	1218	1231	1279	1297
30.0	797.2	811.5	828.8	827.3	848.3	847.9	876.8	883.2	915.6	927.0
33.0	570.4	584.8	595.9	599.1	615.7	621.0	640.0	654.3	667.5	677.7
36.0	386.1	400.8	406.1	406.6	423.8	425.8	442.0	442.7	462.2	472.0
39.0	247.9	258.5	261.1	261.2	271.5	272.4	281.1	281.0	296.1	303.2
42.0	152.8	161.3	163.2	161.9	166.8	165.9	170.3	169.1	177.9	183.5
45.0	87.79	93.95	95.42	93.84	96.66	94.73	96.42	94.83	99.80	104.6
48.0	37.70	41.05	42.74	41.00	43.62	41.98	43.50	42.05	45.98	49.43
51.0	7.129	7.687	8.268	7.734	8.859	8.392	9.083	8.851	10.45	11.56
54.0	4.026	4.131	4.220	4.116	4.290	4.265	4.458	4.455	4.703	4.788
57.0	2.144	2.163	2.210	2.164	2.212	2.235	2.330	2.331	2.456	2.511
60.0	1.031	1.065	1.090	1.039	1.042	1.015	1.066	1.048	1.135	1.142
63.0	0.6062	0.5858	0.5792	0.5560	0.4634	0.4666	0.4372	0.4581	0.4500	0.4584
66.0	0.5512	0.5464	0.5244	0.4922	0.4393	0.4440	0.4087	0.4134	0.3890	0.4002
69.0	0.4314	0.4100	0.3818	0.3852	0.3601	0.3632	0.3339	0.3413	0.3166	0.3282
72.0	0.1626	0.1425	0.1373	0.1430	0.1350	0.1451	0.1286	0.1451	0.1438	0.1516
75.0	0.1509	0.1744	0.0940	0.1115	0.0831	0.1094	0.0852	0.1094	0.0918	0.1159
78.0	0.1443	0.1427	0.0852	0.1028	0.0787	0.0984	0.0744	0.1006	0.0809	0.1072
81.0	0.1404	0.1291	0.0743	0.0984	0.0699	0.0918	0.0677	0.0875	0.0743	0.0984
84.0	0.1356	0.1258	0.0656	0.0875	0.0634	0.0809	0.0634	0.0788	0.0656	0.0875
87.0	0.1334	0.1224	0.0634	0.0744	0.0590	0.0722	0.0568	0.0678	0.0590	0.0744
90.0	0.1290	0.1224	0.0612	0.0612	0.0590	0.0612	0.0568	0.0590	0.0568	0.0612

G/C	300.0	315.0	330.0	345.0
0.0	2393	2392	2392	2393
3.0	2371	2378	2386	2392
6.0	2328	2343	2358	2366
9.0	2269	2291	2314	2329
12.0	2226	2252	2284	2309
15.0	2196	2231	2261	2288
18.0	2164	2197	2231	2255
21.0	2069	2099	2135	2149

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Meng Yongjian  
 Test Date: 2017-06-21

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	1794	1815	1857	1855
27.0	1357	1370	1409	1399
30.0	967.2	970.8	993.2	987.0
33.0	700.8	698.4	709.4	698.7
36.0	489.7	485.8	489.8	477.0
39.0	316.0	312.0	315.2	304.2
42.0	192.7	189.7	191.9	185.9
45.0	110.6	109.2	111.1	108.1
48.0	53.92	52.93	54.92	52.66
51.0	13.60	12.95	13.71	12.31
54.0	5.024	4.956	5.056	4.910
57.0	2.622	2.592	2.637	2.544
60.0	1.236	1.186	1.205	1.135
63.0	0.4824	0.4761	0.4364	0.3974
66.0	0.3912	0.4024	0.3453	0.3172
69.0	0.3166	0.3392	0.2707	0.2647
72.0	0.1394	0.1733	0.1634	0.1862
75.0	0.0962	0.1246	0.1093	0.1487
78.0	0.0852	0.1137	0.0962	0.1334
81.0	0.0743	0.1006	0.0874	0.1246
84.0	0.0656	0.0918	0.0743	0.1094
87.0	0.0612	0.0809	0.0743	0.1028
90.0	0.0590	0.0634	0.0656	0.0984

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Meng Yongjian  
Test Date: 2017-06-21

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: