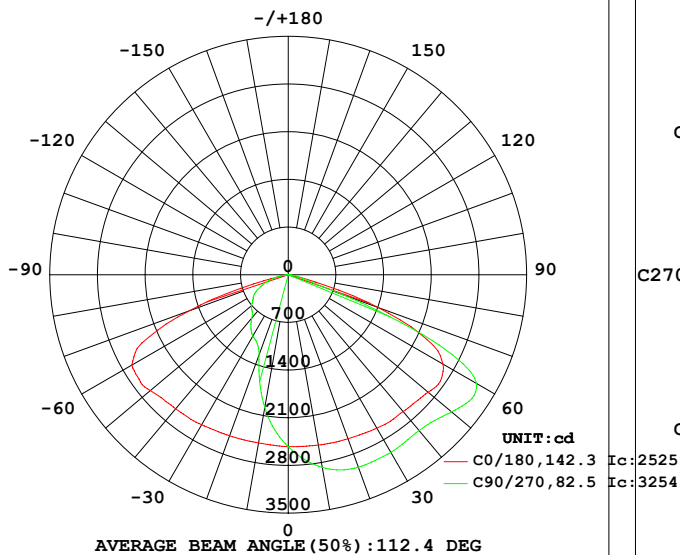
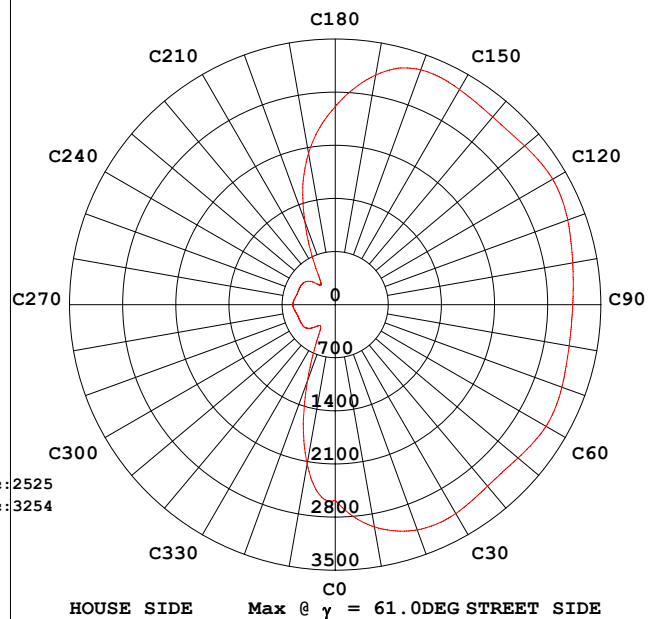


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.3500A P:74.74W PF:0.9738 Freq:49.99Hz Lamp Flux:9234.8x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-75WIP-NV-L3-5070-T401-P	DIM.: $\phi 0.46 \times 0.08\text{M}$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 - \phi 0.297\text{M}$	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 123.56 lm/W			
MODEL	3030	I _{max} (cd)	3309	η street_up (%)	0.1
NOMINAL POWER (W)	75	LOR (%)	100.0	η street_down (%)	71.7
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	9235	η house_up (%)	0.2
NOMINAL FLUX (lm)	9234.8	MAXIMUM @ (C, γ)	120, 61.0	η house_down (%)	27.9
LAMPS INSIDE	1	η up (%)	0.3	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	220	η down (%)	99.7	SLI	17.032

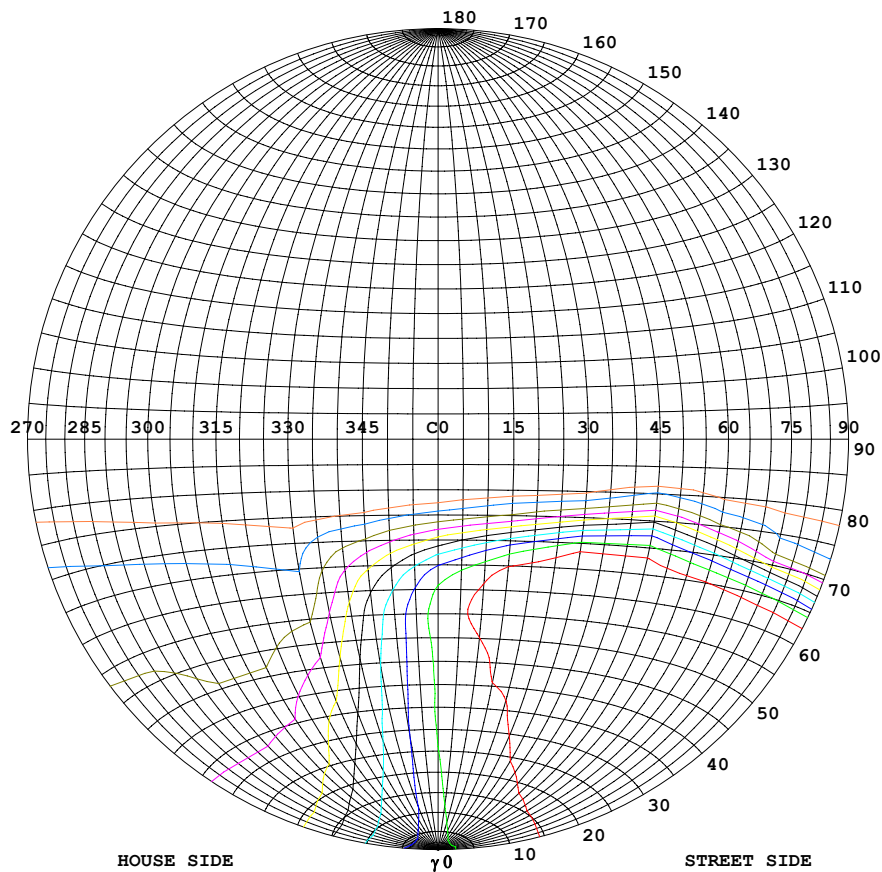
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2019-06-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.801m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:219.3V I:0.3500A P:74.74W PF:0.9738 Freq:49.99Hz Lamp Flux:9234.8x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-75WIP-NV-L3-5070-T401-P	DIM.: $\phi 0.46 \times 0.08\text{M}$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 - \phi 0.297\text{M}$	Shielding Angle:



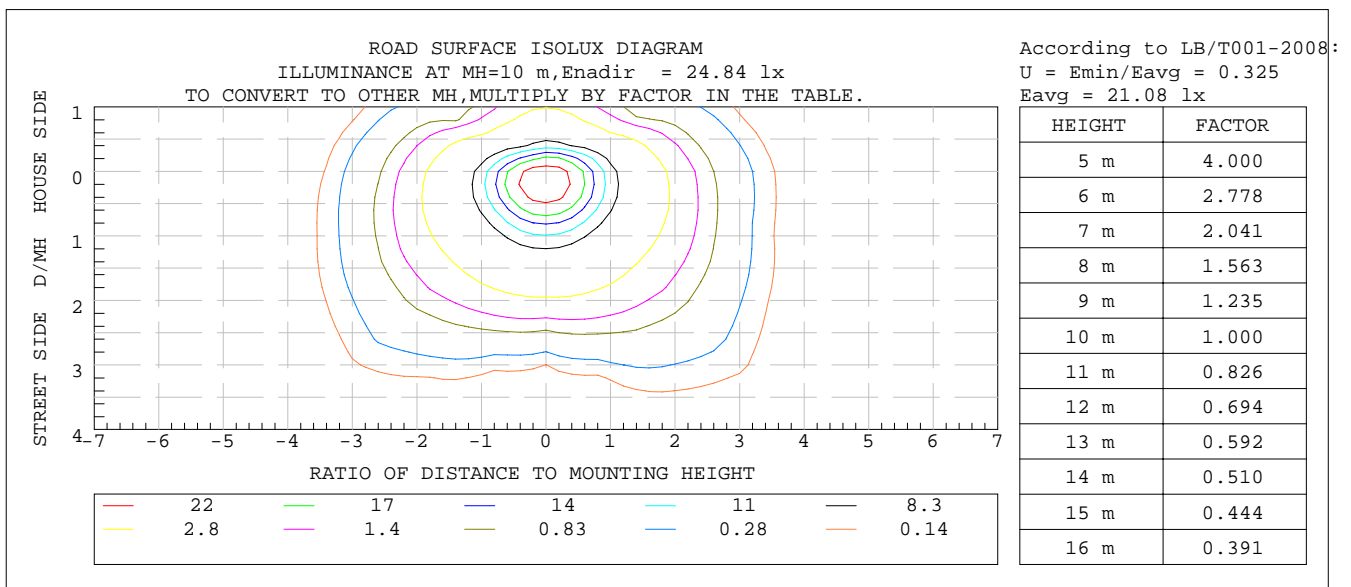
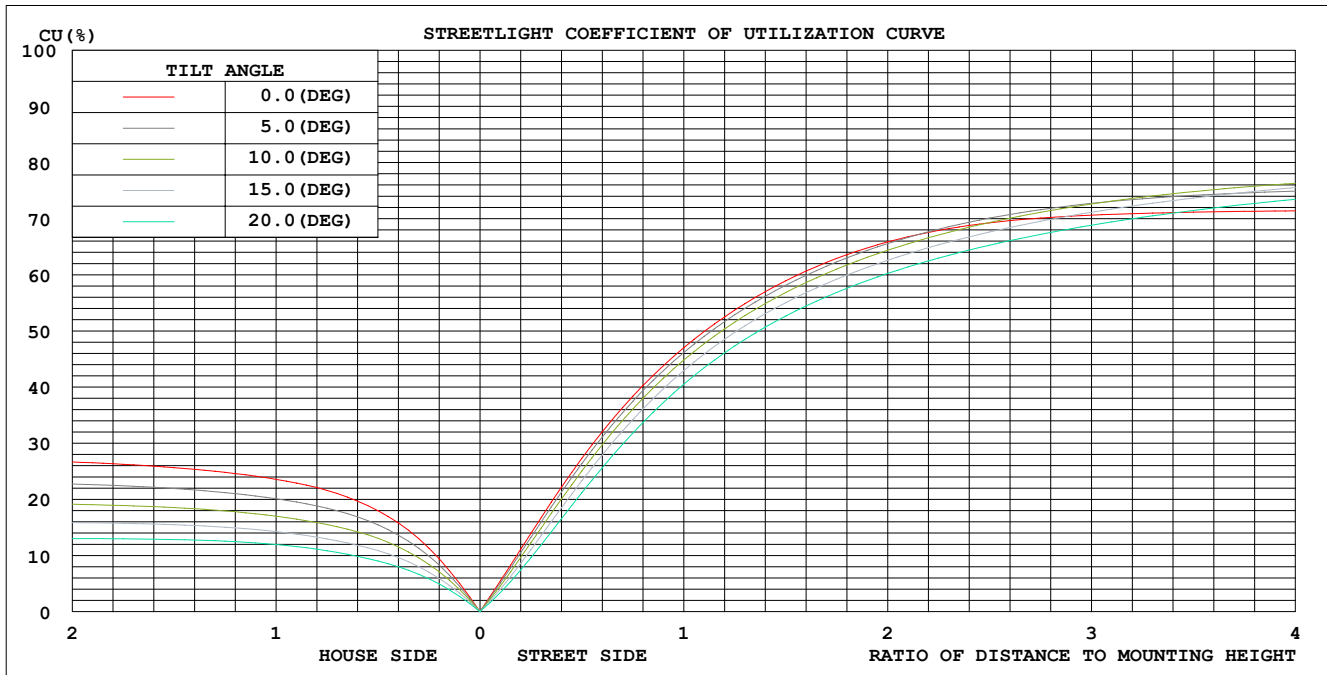
Classification:

IES:Type IV - Very Short
CIE:Broad - Intermediate
IES:Cut-off
CIE:Semi-cut-off
Max.At80:49.24cd/klm
Max.At90:0.7539cd/klm
Max.80-90:49.24cd/klm
NRB 5101:Limited[7.1%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3309
90%	2978
80%	2647
70%	2316
60%	1985
50%	1654
40%	1323
30%	993
20%	662
10%	331
5%	165

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-06-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.801m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2019-06-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.801m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:219.3V I:0.3500A P:74.74W PF:0.9738 Freq:49.99Hz Lamp Flux:9234.8x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-75WIP-NV-L3-5070-T401-P	DIM.: ϕ 0.46*0.08M	SERIAL No.:
MFR.: AOK	SUR.: ϕ 0.409- ϕ 0.297M	Shielding Angle:

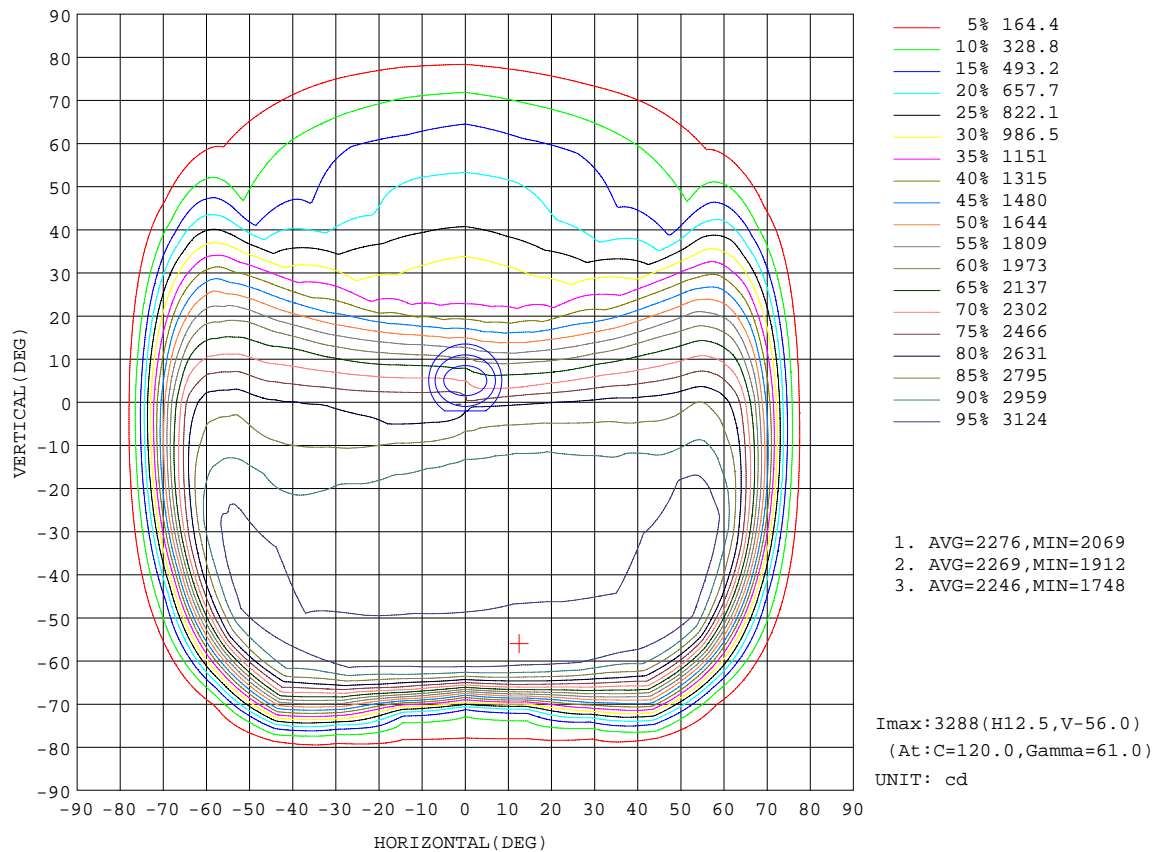
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	2539	2787	2871	2810	2507	2169	1983	2143	0- 10	238.7	238.7	2.58,2.58
20	2563	2942	3007	3012	2517	1700	1256	1648	10- 20	681.1	919.7	9.96,9.96
30	2600	2991	3011	3089	2543	1190	1039	1171	20- 30	1049	1969	21.3,21.3
40	2623	3001	2987	3108	2571	901.9	833.5	906.1	30- 40	1367	3336	36.1,36.1
50	2682	3021	3132	3133	2645	612.6	704.0	587.3	40- 50	1622	4958	53.7,53.7
60	2622	3114	3188	3224	2652	440.3	577.1	448.1	50- 60	1850	6808	73.7,73.7
70	1399	2669	834.2	2973	1540	277.1	366.6	271.0	60- 70	1736	8544	92.5,92.5
80	62.41	349.5	113.2	454.7	69.03	67.31	118.8	59.75	70- 80	624.3	9168	99.3,99.3
90	5.524	4.647	3.824	6.520	5.689	3.658	1.019	3.553	80- 90	38.06	9206	99.7,99.7
100	2.639	0.7700	1.191	0.8545	2.285	3.444	2.042	3.904	90-100	2.326	9209	99.7,99.7
110	4.612	1.252	1.575	1.327	4.368	5.682	4.433	6.284	100-110	3.033	9212	99.8,99.8
120	5.933	2.057	1.963	2.078	5.955	7.404	6.360	8.067	110-120	4.307	9216	99.8,99.8
130	6.762	2.843	2.331	2.936	6.886	8.095	7.387	8.703	120-130	4.768	9221	99.8,99.8
140	6.953	3.553	2.775	3.770	7.105	8.194	7.673	8.720	130-140	4.505	9225	99.9,99.9
150	6.756	4.291	3.550	4.578	7.044	8.147	7.696	8.521	140-150	3.825	9229	99.9,99.9
160	7.153	5.444	4.809	5.644	7.180	8.066	7.770	8.470	150-160	3.000	9232	100,100
170	7.337	6.541	6.085	6.627	7.392	8.017	7.870	8.409	160-170	1.961	9234	100,100
180	7.420	7.484	7.106	7.480	7.416	7.480	7.122	7.513	170-180	0.6880	9235	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-06-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.801m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

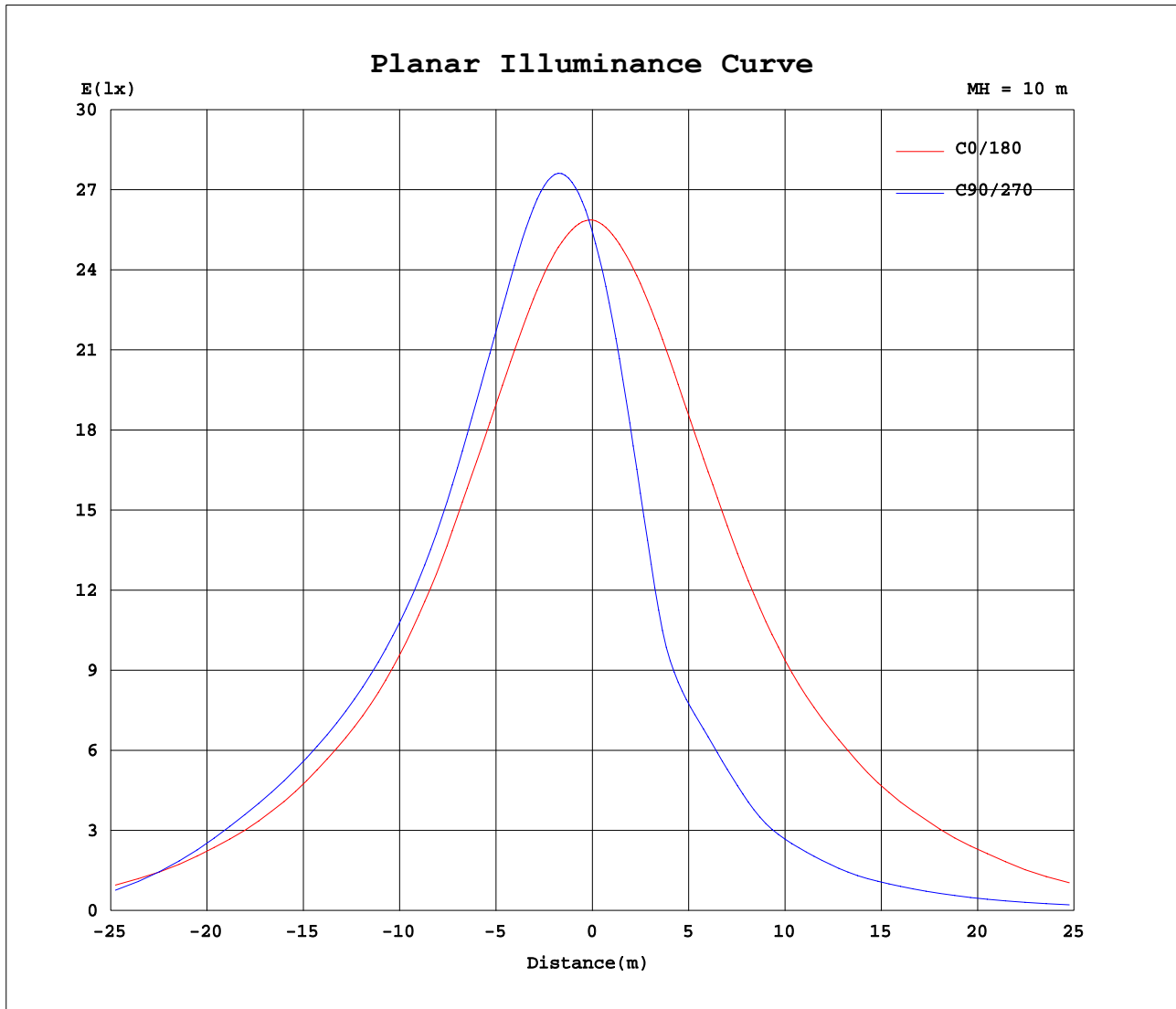
Test:U:219.3V I:0.3500A P:74.74W PF:0.9738 Freq:49.99Hz Lamp Flux:9234.8x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-75WIP-NV-L3-5070-T401-P	DIM.: $\phi 0.46 \times 0.08\text{M}$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 - \phi 0.297\text{M}$	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-06-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.801m [K=1.0000]
Remarks:

Planar Illuminance Curve



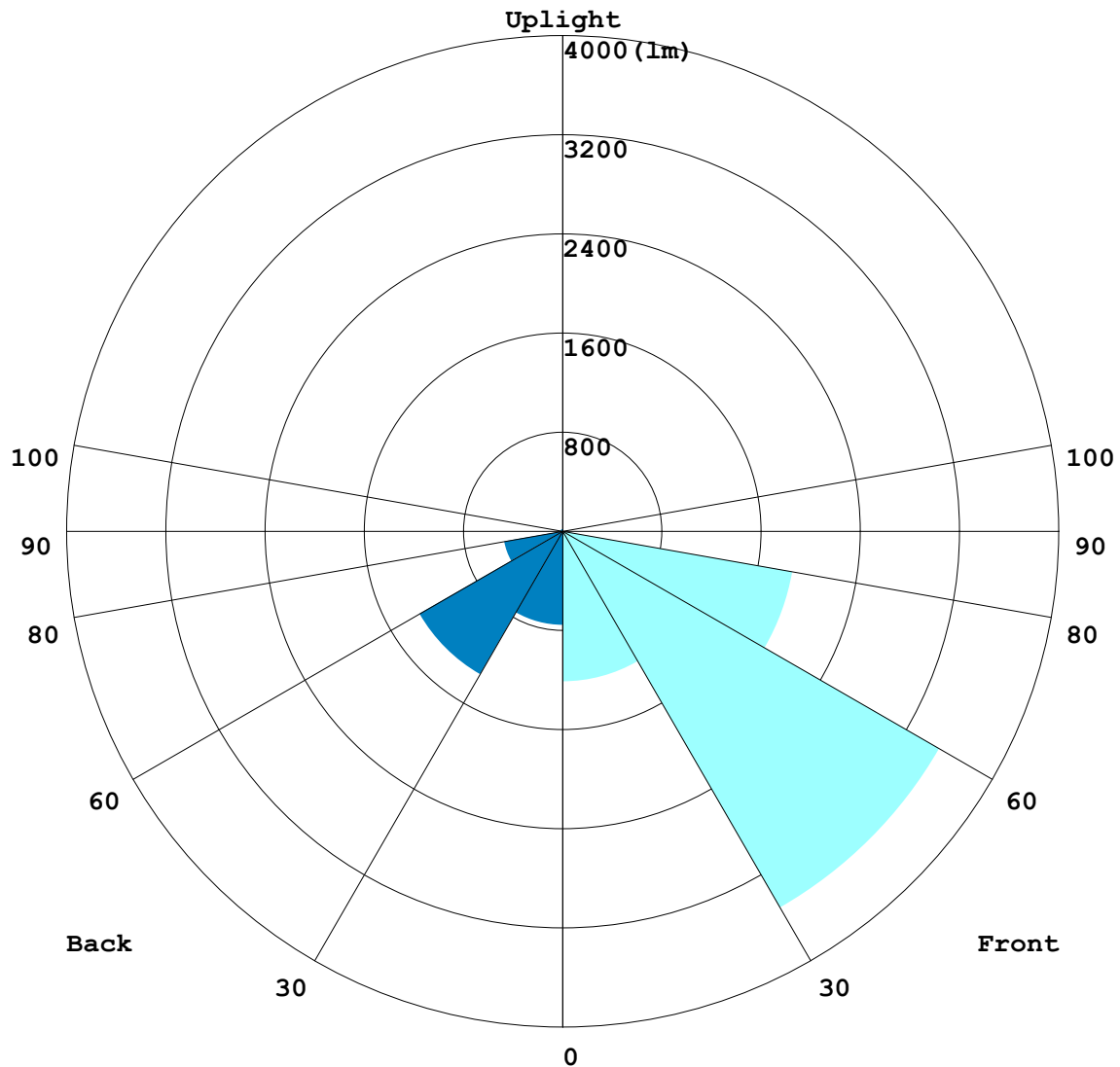
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2019-06-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.801m [K=1.0000]
Remarks:

LCS REPORT

Test:U:219.3V I:0.3500A P:74.74W PF:0.9738 Freq:49.99Hz Lamp Flux:9234.8x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-75WIP-NV-L3-5070-T401-P	DIM.: $\phi 0.46 \times 0.08M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 - \phi 0.297M$	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2019-06-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.801m [K=1.0000]
Remarks:

BUG REPORT

Test:U:219.3V I:0.3500A P:74.74W PF:0.9738 Freq:49.99Hz Lamp Flux:9234.8x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-75WIP-NV-L3-5070-T401-P	DIM.: $\phi 0.46 \times 0.08M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 - \phi 0.297M$	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1212.1	13.1
FM - Front-Medium(30-60)	3507.4	38.0
FH - Front-High(60-80)	1881.6	20.4
FVH - Front-Very High(80-90)	24.461	0.3
Total Forward Light	6635.3	71.9

BL - Back-Low(0-30)	756.53	8.2
BM - Back-Medium(30-60)	1332.3	14.4
BH - Back-High(60-80)	478.36	5.2
BVH - Back-Very High(80-90)	13.601	0.1
Total Back Light	2599.5	28.1

UL - Uplight-Low(90-100)	2.3259	0.0
UH - Uplight-High(100-180)	26.087	0.3
Total Up Light	28.412	0.3

BUG(Back,Up,Glare) Rating	B2-U2-G2
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2580.8	18.699	2599.5
Street Side	6625.6	9.7138	6635.3

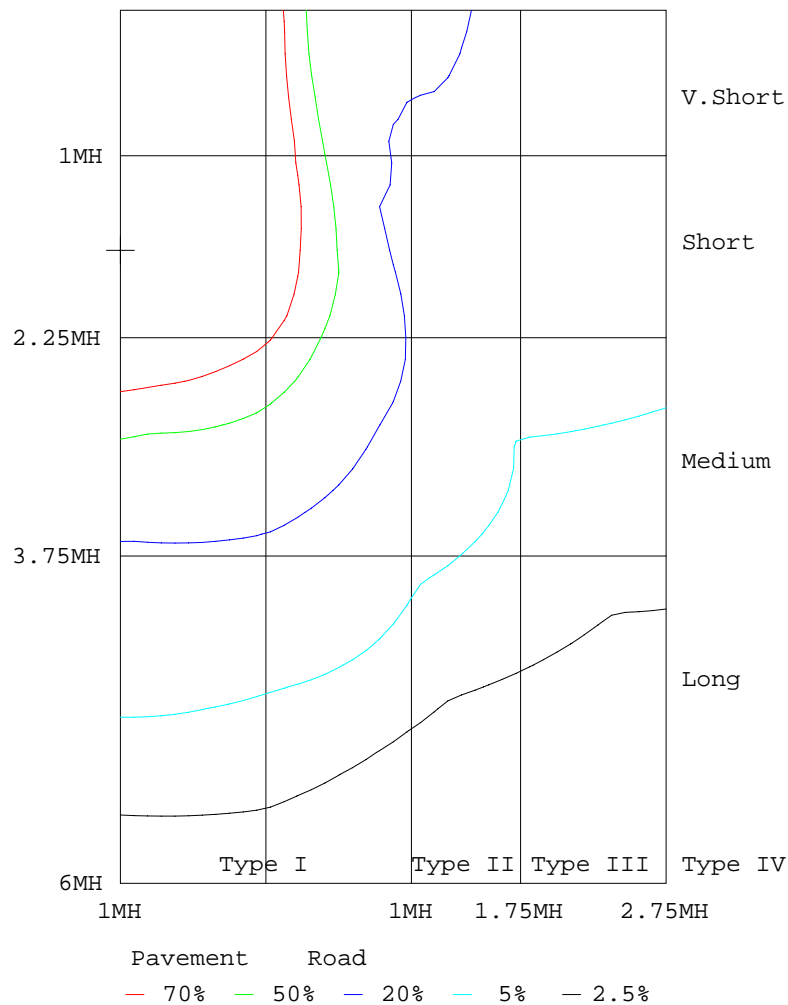
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-06-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:219.3V I:0.3500A P:74.74W PF:0.9738 Freq:49.99Hz Lamp Flux:9234.8x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-75WIP-NV-L3-5070-T401-P	DIM.: $\phi 0.46 \times 0.08M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 - \phi 0.297M$	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-06-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.3V I:0.3500A P:74.74W PF:0.9738 Freq:49.99Hz Lamp Flux:9234.8x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-75WIP-NV-L3-5070-T401-P	DIM.: $\phi 0.46 \times 0.08M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 \times \phi 0.297M$	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	2525	2525	2525	2525	2525	2525	2525	2525	2525	2525	2525	2525	2525	2525	2525	2525	2525	2525	2525
5	2530	2582	2628	2667	2694	2716	2720	2723	2706	2673	2626	2570	2513	2459	2406	2359	2321	2292	2286
10	2539	2641	2721	2787	2831	2865	2871	2883	2859	2810	2727	2620	2507	2392	2279	2169	2073	2001	1983
15	2551	2699	2806	2879	2923	2962	2967	2993	2979	2927	2824	2679	2511	2333	2142	1948	1780	1657	1626
20	2563	2749	2869	2942	2979	3008	3007	3048	3051	3012	2906	2737	2517	2273	1991	1700	1460	1288	1256
25	2579	2795	2915	2977	3000	3018	3010	3059	3081	3063	2970	2789	2524	2220	1836	1446	1157	1096	1097
30	2600	2837	2948	2991	3006	3024	3011	3062	3086	3089	3020	2844	2543	2173	1682	1190	1027	1025	1039
35	2622	2866	2967	2998	3011	3021	2995	3062	3092	3107	3053	2890	2559	2123	1517	1016	938	943	956
40	2623	2902	2982	3001	3006	3024	2987	3064	3087	3108	3082	2930	2571	2083	1352	902	829	826	834
45	2642	2941	3008	2999	3025	3057	3031	3087	3098	3107	3117	2993	2589	2023	1176	774	693	729	751
50	2682	3017	3055	3021	3069	3146	3132	3157	3136	3133	3172	3088	2645	1957	984	613	627	695	704
55	2727	3125	3113	3071	3156	3252	3239	3254	3224	3181	3250	3206	2673	1866	746	492	591	612	631
60	2622	3102	3171	3114	3222	3195	3188	3248	3307	3224	3264	3230	2652	1682	483	440	530	540	577
65	2242	2891	3137	3087	2954	2683	2445	2800	3181	3218	3241	2990	2370	1347	315	382	435	445	479
70	1399	2058	2639	2669	2034	1191	834	1451	2415	2973	2757	2124	1540	791	223	277	317	347	367
75	420	681	1142	1572	705	299	249	318	1137	1940	1264	694	525	235	129	167	212	241	255
80	62.4	89.3	137	350	143	123	113	130	204	455	142	82.9	69.0	46.8	53.5	67.3	91.6	113	119
85	21.4	23.8	21.4	21.2	33.5	37.0	32.3	41.0	38.7	27.7	19.6	19.6	18.2	15.6	16.9	14.4	21.3	23.5	25.1
90	5.52	5.82	4.84	4.65	5.02	4.90	3.82	6.41	6.96	6.52	4.35	5.75	5.69	5.16	5.26	3.66	3.06	1.55	1.02
95	1.64	1.06	0.85	0.89	0.86	1.36	1.06	0.92	1.10	1.36	1.39	1.32	1.38	1.94	2.60	2.66	1.75	1.37	1.30
100	2.64	1.65	0.92	0.77	0.80	0.88	1.19	1.00	0.91	0.85	1.00	1.80	2.29	2.82	3.25	3.44	2.71	2.30	2.04
105	3.90	2.37	1.36	0.99	1.02	1.12	1.39	1.22	1.11	1.06	1.44	2.59	3.35	4.04	4.46	4.61	3.97	3.53	3.15
110	4.61	3.10	1.82	1.25	1.25	1.45	1.58	1.53	1.33	1.33	1.95	3.36	4.37	5.34	5.59	5.68	5.17	4.79	4.43
115	5.34	3.72	2.32	1.55	1.62	1.66	1.77	1.74	1.74	1.64	2.49	4.01	5.24	6.23	6.46	6.63	6.12	5.71	5.53
120	5.93	4.25	2.81	2.06	1.85	1.86	1.96	1.94	1.99	2.08	3.01	4.54	5.96	6.93	7.17	7.40	6.74	6.41	6.36
125	6.41	4.66	3.30	2.47	2.10	2.07	2.15	2.14	2.25	2.52	3.48	4.92	6.48	7.38	7.68	7.87	7.15	6.89	7.02
130	6.76	4.94	3.75	2.84	2.35	2.28	2.33	2.33	2.53	2.94	3.84	5.20	6.89	7.59	7.82	8.10	7.57	7.21	7.39
135	7.06	5.12	4.15	3.22	2.65	2.50	2.53	2.56	2.86	3.38	4.19	5.49	7.06	7.68	7.85	8.18	7.76	7.50	7.59
140	6.95	5.23	4.45	3.55	2.96	2.76	2.77	2.84	3.23	3.77	4.50	5.69	7.10	7.64	7.82	8.19	7.75	7.65	7.67
145	6.82	5.41	4.73	3.94	3.36	3.11	3.13	3.22	3.64	4.15	4.82	5.87	7.07	7.53	7.78	8.19	7.67	7.76	7.68
150	6.76	5.55	5.02	4.29	3.81	3.56	3.55	3.67	4.11	4.58	5.13	6.07	7.04	7.47	7.74	8.15	7.64	7.78	7.70
155	7.16	6.12	5.63	4.95	4.37	4.16	4.20	4.30	4.70	5.22	5.73	6.58	7.09	7.43	7.73	8.08	7.63	7.79	7.70
160	7.15	6.30	6.00	5.44	4.87	4.75	4.81	4.86	5.21	5.64	6.09	6.74	7.18	7.36	7.72	8.07	7.63	7.86	7.77
165	7.23	6.50	6.34	6.01	5.43	5.37	5.46	5.45	5.70	6.12	6.52	7.01	7.27	7.25	7.70	8.05	7.62	7.85	7.86
170	7.34	6.71	6.70	6.54	5.99	5.96	6.09	6.02	6.24	6.63	6.95	7.26	7.39	7.20	7.67	8.02	7.56	7.83	7.87
175	7.40	6.87	7.04	7.03	6.53	6.54	6.62	6.48	6.65	7.07	7.22	7.32	7.41	7.10	7.52	7.79	7.32	7.55	7.59
180	7.42	6.94	7.31	7.48	6.96	7.04	7.11	6.85	7.06	7.48	7.48	7.39	7.42	6.97	7.33	7.48	6.99	7.05	7.12

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2019-06-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.801m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.3V I:0.3500A P:74.74W PF:0.9738 Freq:49.99Hz Lamp Flux:9234.8x1 lm		
NAME: AOK IP	TYPE:LED 庭院灯	WEIGHT:7.5kg
SPEC.:AOK-75WIP-NV-L3-5070-T401-P	DIM.: $\phi 0.46 \times 0.08M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.409 \times \phi 0.297M$	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	2525	2525	2525	2525	2525														
5	2284	2307	2350	2408	2472														
10	1981	2039	2143	2276	2415														
15	1631	1729	1904	2132	2362														
20	1271	1398	1648	1974	2303														
25	1116	1166	1381	1811	2250														
30	1048	1064	1171	1649	2206														
35	949	957	1042	1476	2149														
40	817	816	906	1282	2101														
45	735	691	743	1104	2048														
50	691	637	587	902	1977														
55	620	594	505	651	1892														
60	537	528	448	433	1688														
65	436	421	377	331	1299														
70	332	305	271	231	731														
75	217	184	161	128	200														
80	93.5	71.2	59.7	50.4	52.8														
85	19.2	14.8	12.9	16.7	19.2														
90	1.79	3.11	3.55	5.07	5.85														
95	1.85	2.21	2.77	2.50	1.78														
100	2.57	3.13	3.90	3.69	2.90														
105	3.80	4.34	5.12	4.98	4.23														
110	5.04	5.55	6.28	6.22	5.46														
115	6.02	6.57	7.30	7.14	6.36														
120	6.83	7.37	8.07	7.77	6.96														
125	7.41	7.84	8.51	8.26	7.31														
130	7.67	8.03	8.70	8.55	7.51														
135	7.81	8.06	8.75	8.53	7.61														
140	7.86	8.07	8.72	8.41	7.60														
145	7.85	8.06	8.60	8.26	7.59														
150	7.82	8.03	8.52	8.11	7.56														
155	7.74	7.97	8.49	8.06	7.51														
160	7.75	7.99	8.47	8.09	7.53														
165	7.74	8.01	8.46	8.09	7.66														
170	7.66	7.94	8.41	8.09	7.78														
175	7.30	7.59	8.02	7.82	7.66														
180	6.85	7.09	7.51	7.48	7.39														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-06-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks: