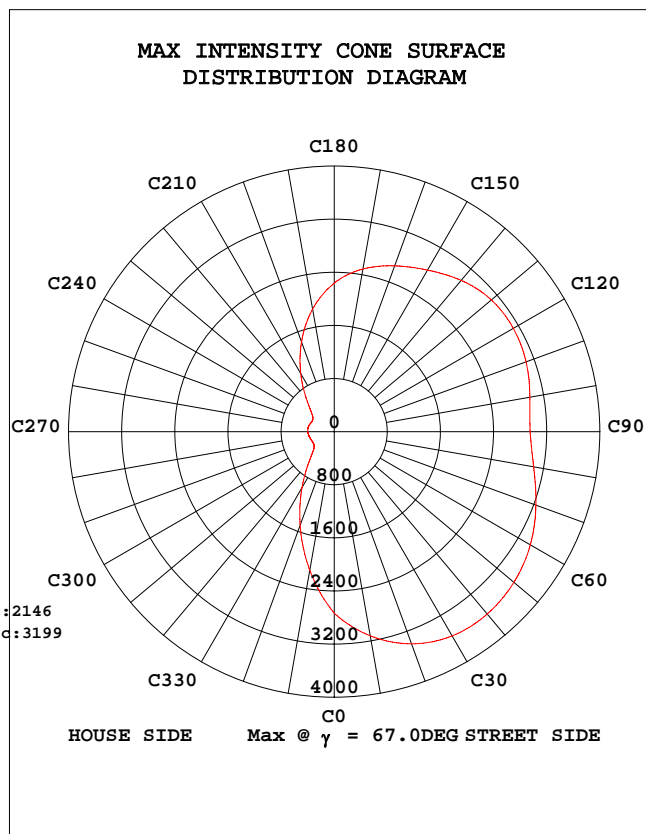
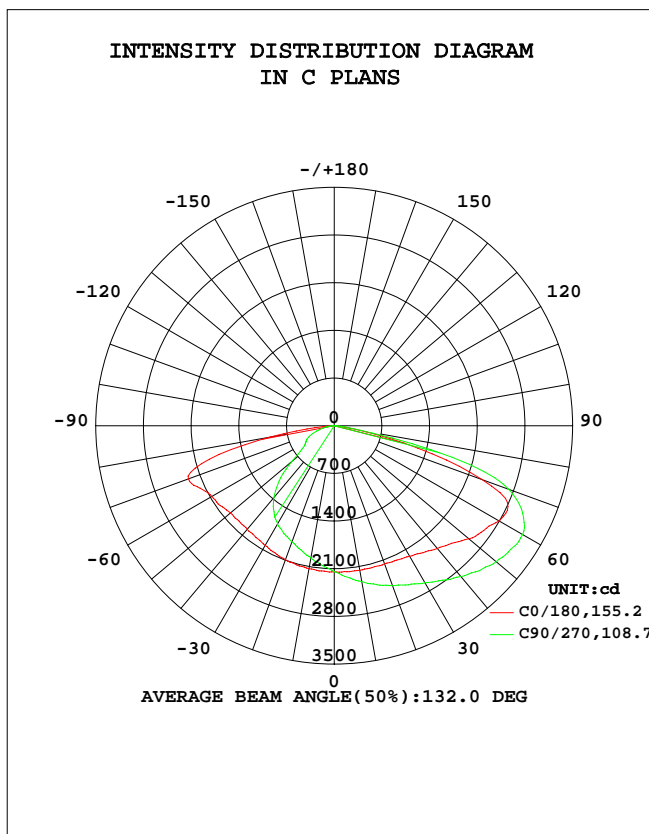


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.2656A P:57.39W PF:0.9854 Freq:50.01Hz Lamp Flux:10433.8x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-4070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 181.81 lm/W			
MODEL	2835	I <sub>max</sub> (cd)	3566	η street_up(%)	0.0
NOMINAL POWER(W)	60	LOR(%)	100.0	η street_down(%)	68.7
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	10434	η house_up(%)	0.0
NOMINAL FLUX(lm)	10433.8	MAXIMUM @(C,γ )	45,67.0	η house_down(%)	31.3
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.884

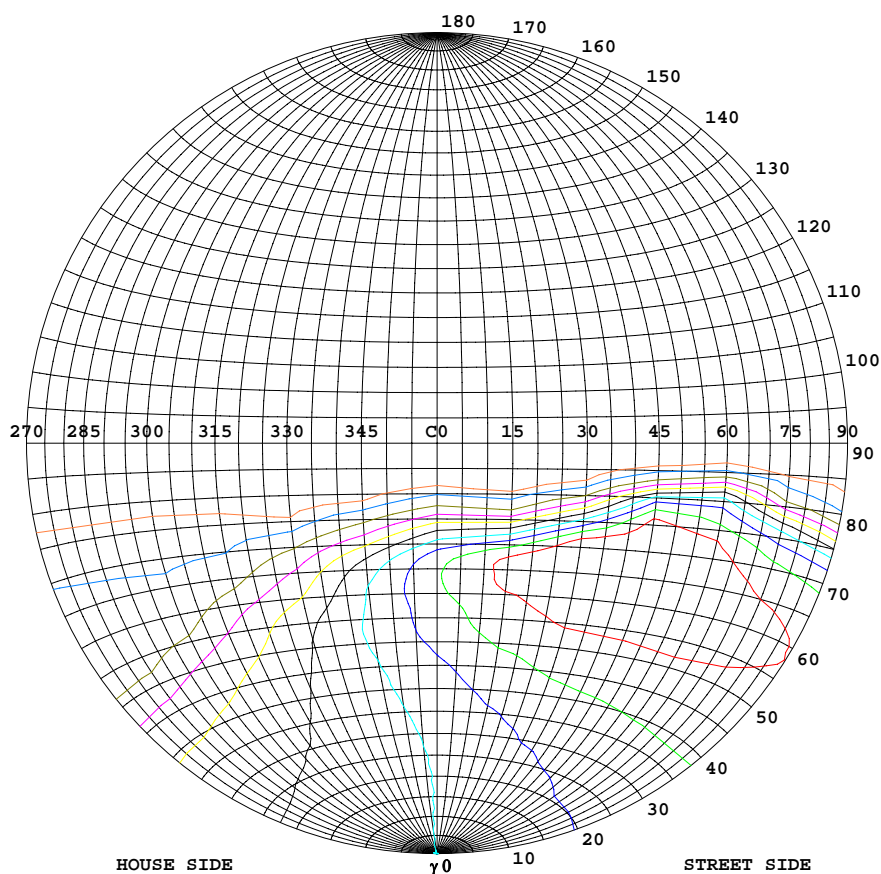


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2024-12-2

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
Humidity:65.0%  
Test Distance:7.682m [K=1.0000]  
Remarks:

## STREETLIGHT ISOCANDELA DIAGRAM

Test:U:219.3V I:0.2656A P:57.39W PF:0.9854 Freq:50.01Hz Lamp Flux:10433.8x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-4070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:



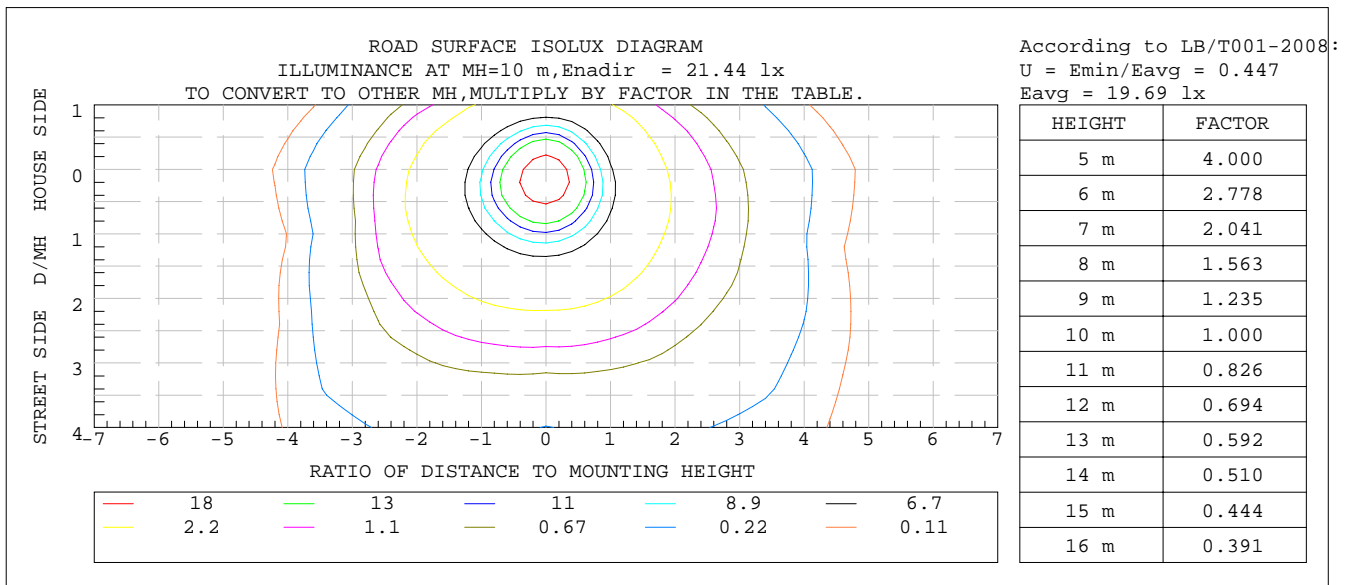
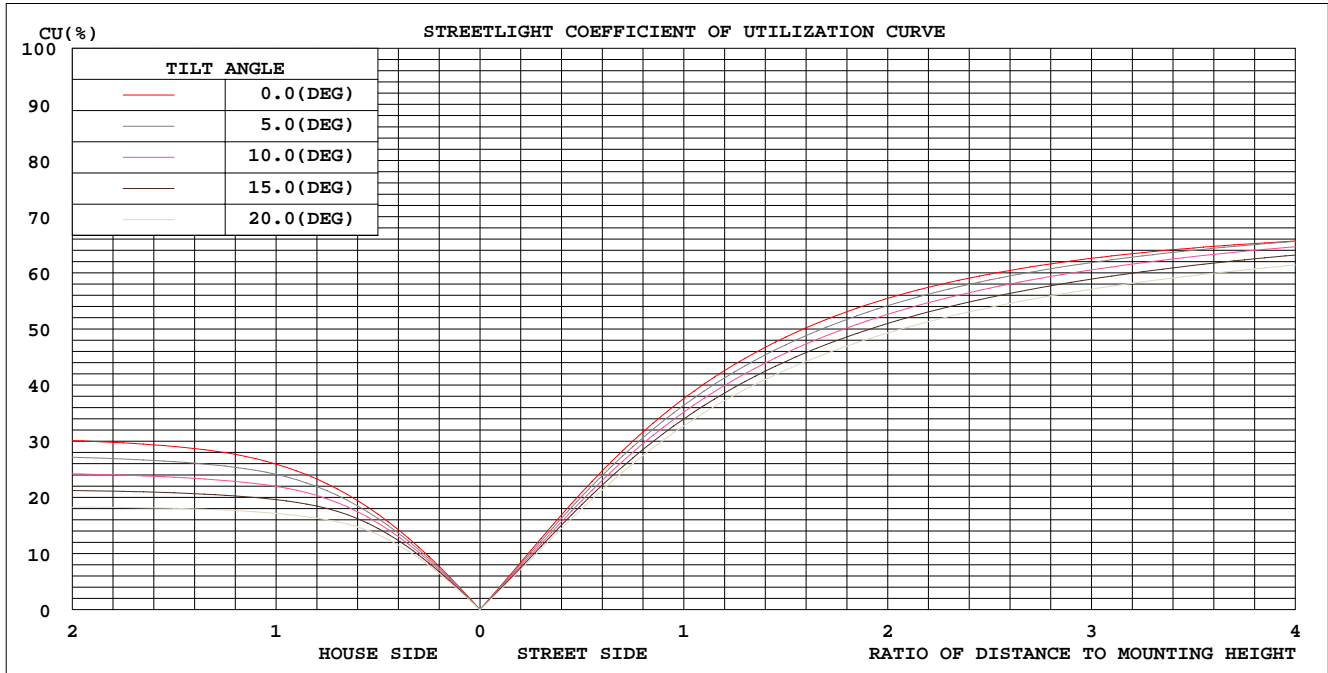
## Classification:

IES:Type IV - Short  
CIE:Broad - Intermediate  
IES:None cut-off  
CIE:Non-cut-off  
Max.At80:248.4cd/klm  
Max.At90:0cd/klm  
Max.80-90:248.4cd/klm  
NRB 5101:Semi limited[24.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3566
90%	3210
80%	2853
70%	2497
60%	2140
50%	1783
40%	1427
30%	1070
20%	713
10%	357
5%	178

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2024-12-2

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
Humidity:65.0%  
Test Distance:7.682m [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: yanyonggeng  
Test Date: 2024-12-2

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
Humidity: 65.0%  
Test Distance: 7.682m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

Test:U:219.3V I:0.2656A P:57.39W PF:0.9854 Freq:50.01Hz Lamp Flux:10433.8x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-4070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:

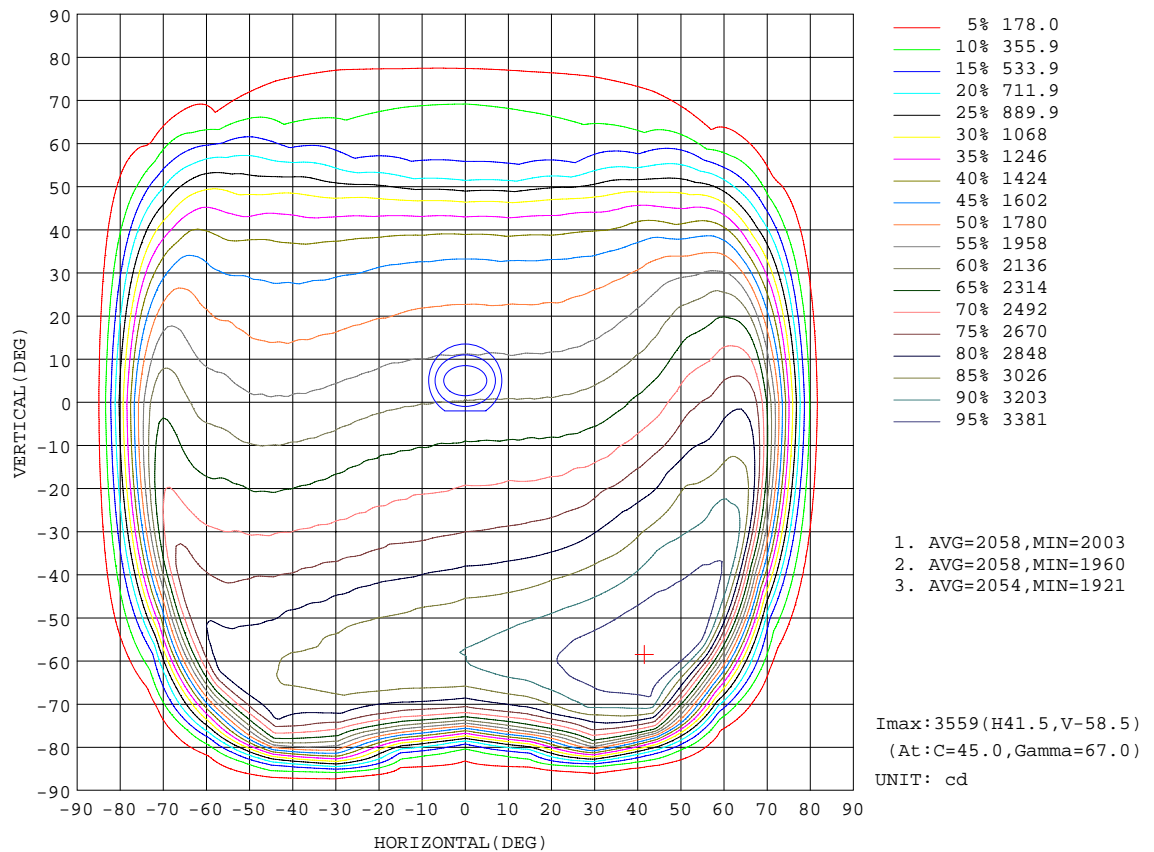
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum,lamp
10	2156	2287	2321	2261	2134	2015	1972	2029	0- 10	204.8	204.8	1.96,1.96
20	2157	2422	2498	2374	2092	1879	1815	1902	10- 20	607.8	812.5	7.79,7.79
30	2214	2594	2661	2458	2029	1733	1664	1795	20- 30	991.2	1804	17.3,17.3
40	2352	2818	2891	2569	1988	1586	1378	1669	30- 40	1350	3154	30.2,30.2
50	2583	3132	3105	2727	1990	1333	808.7	1416	40- 50	1667	4822	46.2,46.2
60	2795	3439	3193	2926	2076	965.7	482.4	942.8	50- 60	1897	6719	64.4,64.4
70	2300	3545	2725	3052	2280	399.9	336.0	348.9	60- 70	1999	8717	83.5,83.5
80	335.6	2249	401.8	2592	942.7	157.8	117.4	118.5	70- 80	1453	10170	97.5,97.5
90	0	0	0	0	0	0	0	0	80- 90	263.8	10434	100,100
100	0	0	0	0	0	0	0	0	90-100	0	10434	100,100
110	0	0	0	0	0	0	0	0	100-110	0	10434	100,100
120	0	0	0	0	0	0	0	0	110-120	0	10434	100,100
130	0	0	0	0	0	0	0	0	120-130	0	10434	100,100
140	0	0	0	0	0	0	0	0	130-140	0	10434	100,100
150	0	0	0	0	0	0	0	0	140-150	0	10434	100,100
160	0	0	0	0	0	0	0	0	150-160	0	10434	100,100
170	0	0	0	0	0	0	0	0	160-170	0	10434	100,100
180	0	0	0	0	0	0	0	0	170-180	0	10434	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2024-12-2

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
Humidity:65.0%  
Test Distance:7.682m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

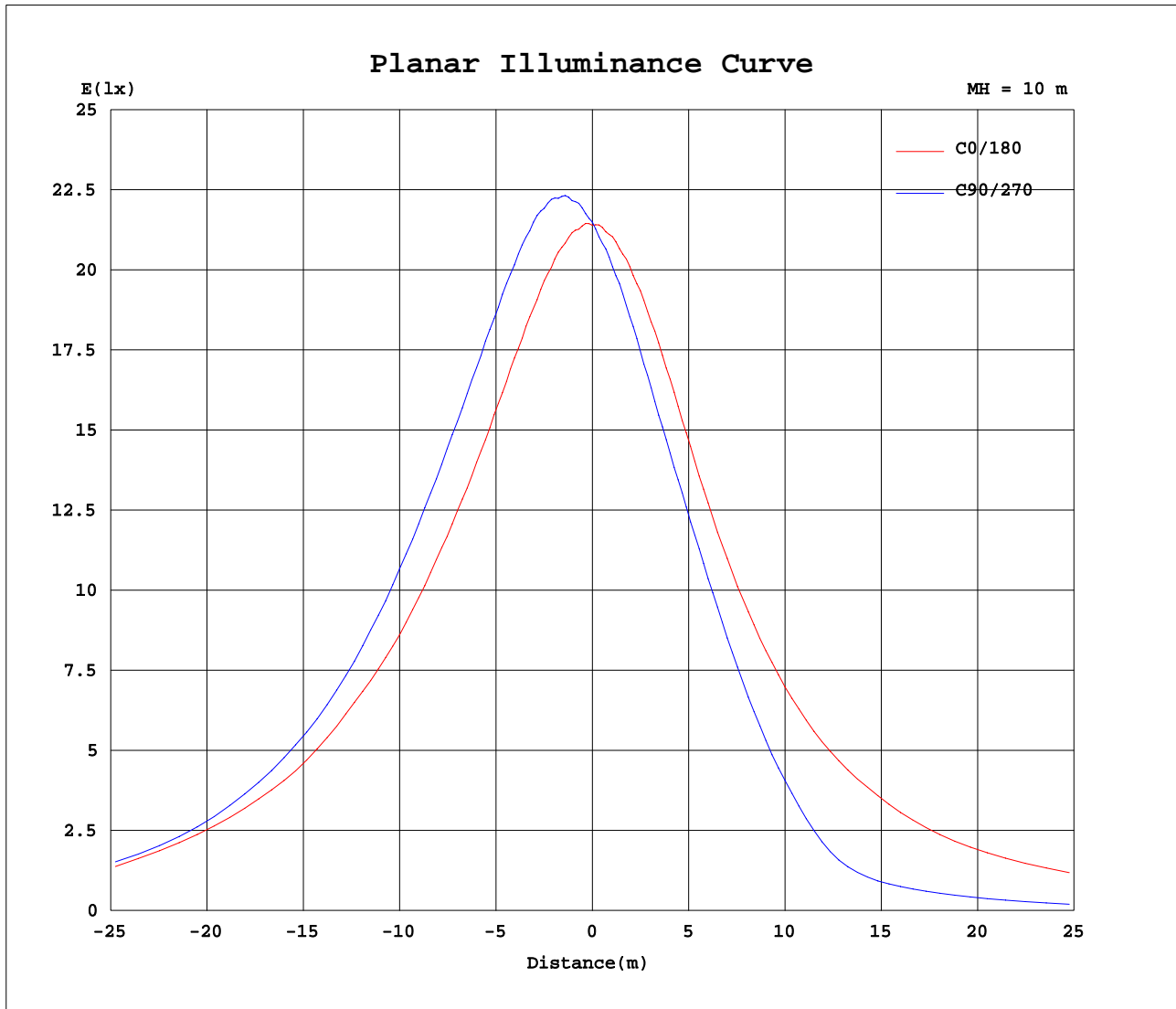
Test:U:219.3V I:0.2656A P:57.39W PF:0.9854 Freq:50.01Hz Lamp Flux:10433.8x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-4070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: yanyonggeng  
Test Date: 2024-12-2

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
Humidity: 65.0%  
Test Distance: 7.682m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



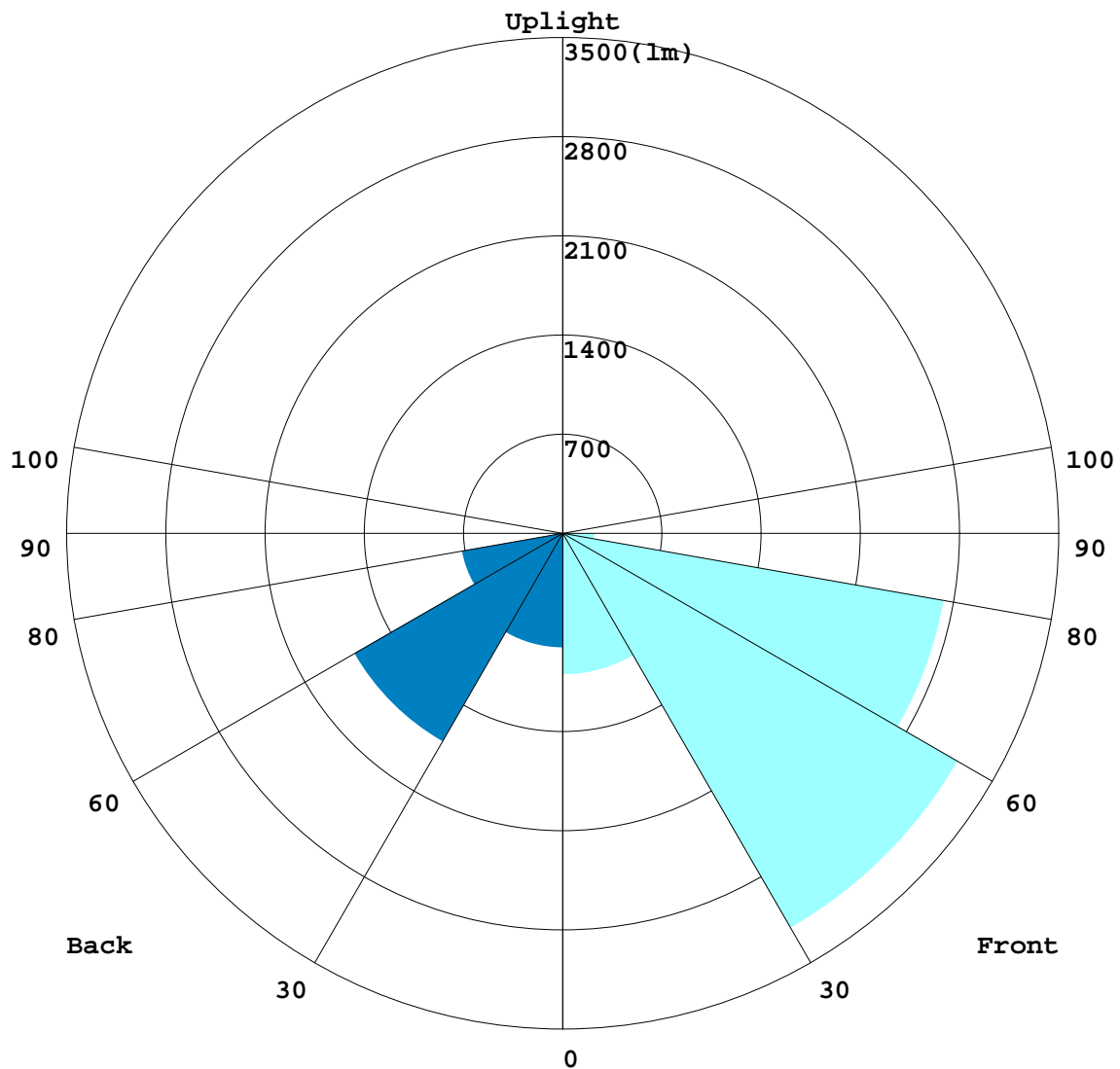
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: yanyonggeng  
Test Date: 2024-12-2

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
Humidity: 65.0%  
Test Distance: 7.682m [K=1.0000]  
Remarks:

## LCS REPORT

Test:U:219.3V I:0.2656A P:57.39W PF:0.9854 Freq:50.01Hz Lamp Flux:10433.8x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-4070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:

## LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2024-12-2

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
Humidity:65.0%  
Test Distance:7.682m [K=1.0000]  
Remarks:

## BUG REPORT

Test:U:219.3V I:0.2656A P:57.39W PF:0.9854 Freq:50.01Hz Lamp Flux:10433.8x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-4070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:

## IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	996.65	9.6
FM - Front-Medium(30-60)	3217.6	30.8
FH - Front-High(60-80)	2730.5	26.2
FVH - Front-Very High(80-90)	225.67	2.2
Total Forward Light	7170.4	68.7

BL - Back-Low(0-30)	807.1	7.7
BM - Back-Medium(30-60)	1697.2	16.3
BH - Back-High(60-80)	720.98	6.9
BVH - Back-Very High(80-90)	38.137	0.4
Total Back Light	3263.4	31.3

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG(Back,Up,Glare) Rating	B2-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3263.4	0	3263.4
Street Side	7170.4	0	7170.4

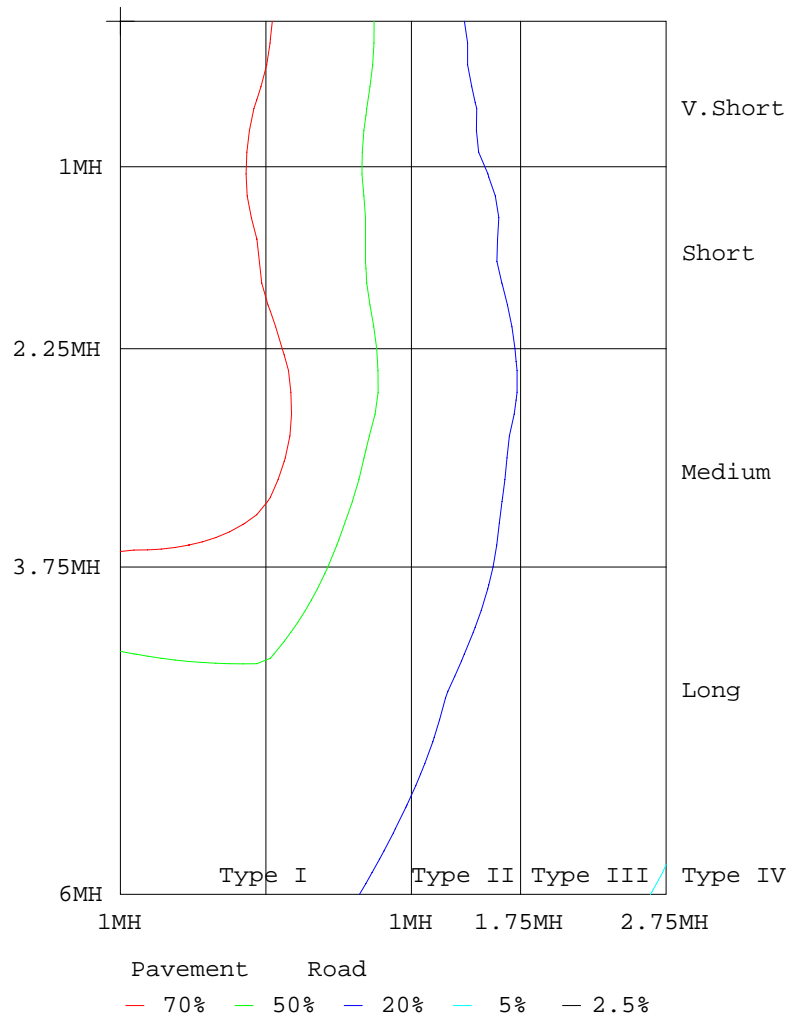
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:yanyonggeng  
 Test Date:2024-12-2

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
 Humidity:65.0%  
 Test Distance:7.682m [K=1.0000]  
 Remarks:

## ROAD ISOCANDELA REPORT

Test:U:219.3V I:0.2656A P:57.39W PF:0.9854 Freq:50.01Hz Lamp Flux:10433.8x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-4070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2024-12-2

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
Humidity:65.0%  
Test Distance:7.682m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.3V I:0.2656A P:57.39W PF:0.9854 Freq:50.01Hz Lamp Flux:10433.8x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-4070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:

Table--1

UNIT: cd

C(DEC) γ (DEC)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	2143	2143	2143	2143	2143	2143	2143	2143	2143	2143	2143	2143	2143	2143	2143	2143	2143	2143	2143
5	2152	2170	2197	2219	2227	2240	2232	2231	2214	2198	2188	2158	2139	2110	2089	2076	2064	2064	2057
10	2156	2193	2245	2287	2305	2336	2321	2324	2288	2261	2228	2169	2134	2074	2042	2015	1985	1986	1972
15	2156	2219	2292	2353	2386	2423	2416	2409	2366	2322	2261	2176	2117	2041	1993	1950	1913	1905	1887
20	2157	2258	2350	2422	2471	2502	2498	2480	2433	2374	2287	2185	2092	2001	1933	1879	1840	1823	1815
25	2175	2302	2421	2505	2556	2583	2577	2546	2490	2416	2315	2186	2059	1950	1866	1802	1766	1753	1747
30	2214	2363	2507	2594	2642	2682	2661	2628	2549	2458	2340	2176	2029	1893	1797	1733	1694	1679	1664
35	2275	2450	2607	2695	2745	2794	2770	2733	2627	2509	2366	2171	2004	1841	1735	1666	1607	1574	1544
40	2352	2576	2744	2818	2866	2912	2891	2841	2715	2569	2395	2183	1988	1804	1678	1586	1492	1418	1378
45	2439	2714	2893	2969	3015	3035	3010	2949	2821	2643	2442	2211	1978	1771	1617	1481	1332	1206	1146
50	2583	2888	3049	3132	3157	3162	3105	3050	2921	2727	2508	2252	1990	1739	1549	1333	1138	914	809
55	2681	3050	3244	3277	3275	3262	3162	3136	3017	2819	2584	2328	2045	1730	1466	1166	850	598	554
60	2795	3176	3363	3439	3393	3310	3193	3197	3113	2926	2681	2406	2076	1701	1335	966	541	476	482
65	2812	3306	3504	3550	3438	3220	3055	3124	3134	3007	2756	2509	2173	1687	1109	654	401	418	430
70	2300	2723	3473	3545	3337	2951	2725	2871	3043	3052	2875	2707	2280	1552	840	400	330	339	336
75	1265	1259	2258	3354	2974	2359	1792	2227	2797	2963	2892	2123	1899	1028	422	255	245	238	228
80	336	241	703	2249	2298	948	402	890	2144	2592	1708	740	943	355	142	158	154	130	117
85	38.1	38.0	63.6	319	411	155	118	164	788	822	296	71.4	172	53.9	55.5	55.7	49.3	31.7	24.1
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2024-12-2

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
Humidity:65.0%  
Test Distance:7.682m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.3V I:0.2656A P:57.39W PF:0.9854 Freq:50.01Hz Lamp Flux:10433.8x1 lm		
NAME: AoK PLB	TYPE:series LED Street Light WEIGHT:3.4kg	
SPEC.:AoK-60WPLB-NV-L2-00-4070-T401-P	DIM.: 640*260*50mm	SERIAL No.:
MFR.: AOK	SUR.:200*130mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345													
0	2143	2143	2143	2143	2143													
5	2066	2070	2087	2104	2118													
10	1988	1997	2029	2069	2095													
15	1904	1919	1961	2022	2076													
20	1824	1850	1902	1976	2057													
25	1757	1785	1844	1933	2042													
30	1680	1717	1795	1904	2037													
35	1569	1631	1741	1883	2053													
40	1404	1507	1669	1865	2086													
45	1189	1341	1569	1841	2126													
50	878	1133	1416	1802	2184													
55	572	793	1223	1713	2203													
60	465	502	943	1441	2171													
65	405	390	580	1135	1988													
70	321	314	349	689	1384													
75	219	222	220	202	622													
80	118	128	119	104	121													
85	24.9	29.0	24.6	25.0	24.5													
90	0.00	0.00	0.00	0.00	0.00													
95	0.00	0.00	0.00	0.00	0.00													
100	0.00	0.00	0.00	0.00	0.00													
105	0.00	0.00	0.00	0.00	0.00													
110	0.00	0.00	0.00	0.00	0.00													
115	0.00	0.00	0.00	0.00	0.00													
120	0.00	0.00	0.00	0.00	0.00													
125	0.00	0.00	0.00	0.00	0.00													
130	0.00	0.00	0.00	0.00	0.00													
135	0.00	0.00	0.00	0.00	0.00													
140	0.00	0.00	0.00	0.00	0.00													
145	0.00	0.00	0.00	0.00	0.00													
150	0.00	0.00	0.00	0.00	0.00													
155	0.00	0.00	0.00	0.00	0.00													
160	0.00	0.00	0.00	0.00	0.00													
165	0.00	0.00	0.00	0.00	0.00													
170	0.00	0.00	0.00	0.00	0.00													
175	0.00	0.00	0.00	0.00	0.00													
180	0.00	0.00	0.00	0.00	0.00													

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2024-12-2

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
γ Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
Humidity:65.0%  
Test Distance:7.682m [K=1.0000]  
Remarks: